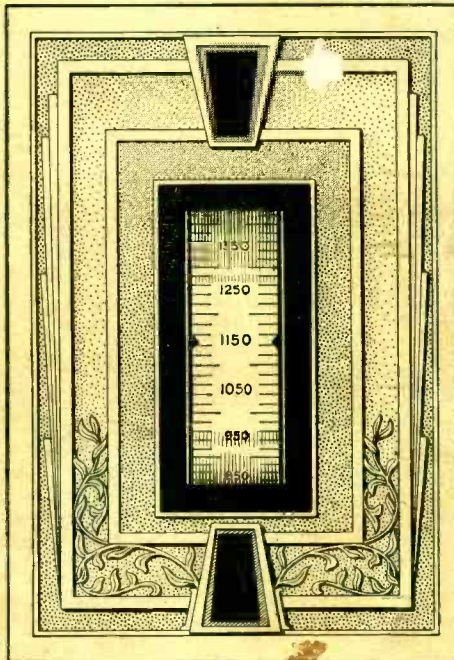


Stevenson's **RADIO BULLETIN**



Latest Corrected Broadcasting Log
WITH A NEW SECTION OF
Leading Short Wave Stations

SEASON, 1934

PRICE 25 CENTS



Stevenson's **RADIO BULLETIN**

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SEASON, 1934

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Log North American Broadcasting Stations

With Stations Listed by Wave Length and Frequency

ALL North American broadcasting stations, with their power, location and call letters are listed here, arranged according to frequency in kilocycles and wave length in meters. A record of where each station comes in on the dial may be placed in the left hand margin

Stations with 1,000 Watts and over are printed in bold face type. Stations with an asterisk (*) before them broadcast on limited time or day time only.

Through use of STEVENSON'S RADIO LOG it is possible to determine where any station should come in on the dials of your receiver.

Look up the wave length of your local station. Suppose, for example, that the station is on 610 kc (kilocycles), and that it comes in at 90 on your set.

Then the stations on 620 kc, the next channel below, should come in at about 89. Stations on 640 should come in at about 87.

Pick out a few stations which you get regularly, and mark down their dial settings. They will serve as guides to enable you to know just where to look for any particular station you want to get.

	Call Letters	Power	Location
* 500 Kc.—600 M. Dial Reading:	VOWR	500	St. John's, Newfoundland
540 Kc.—556 M. Dial Reading:	CKLW	5000	Windsor, Ont.
547 Kc.—550 M. Dial Reading:	XEY	105	Merida, Mexico
550 Kc.—545 M. Dial Reading:	KFDY	1000	Brookings, S. Dak.
	KFUO	500	Clayton, Mo.
	KFYR	1000	Bismarck, N. Dak.
	KOAC	1000	Corvallis, Oreg.
	KSD	500	St. Louis, Mo.
	WDEV	500	*Waterbury, Vt.

	Call Letters	Power	Location
550 Kc.—545 M.	WGR	1000	Buffalo, N. Y.
	Dial Reading: WKRC	1000	Cincinnati, Ohio
560 Kc.—536 M.	KFDM	500	Beaumont, Texas
	Dial Reading: KLZ	1000	Denver, Colo.
	KTAB	1000	San Francisco, Calif.
	WFI	500	Philadelphia, Pa.
	WIND	1000	Gary, Ind.
	WLIT	500	Philadelphia, Pa.
	WNOX	1000	Knoxville, Tenn.
	WQAM	1000	Miami, Fla.
	XEAD	7.5	Mexicali, Mex.
	570 Kc.—526 M.	KGKO	250
Dial Reading: KMTR		500	Los Angeles, Calif.
KVI		500	Tacoma, Wash.
WEAO		750	Columbus, Ohio
WKBN		500	Youngstown, Ohio
WMCA		500	New York City
WNAX		1000	Yankton, S. Dak.
WSYR			
WMAC		250	Syracuse, N. Y.
WWNC		1000	Asheville, N. C.
580 Kc.—517 M.	CKCL	100	Toronto, Ont.
	Dial Reading: CFCY	500	Charlottetown, P. E. I.
	CHMA	250	Edmonton, Alta.
	CJOC	100	Lethbridge, Alta.
	CKUA	500	Edmonton, Alta.
	CRCA	500	Moncton, N. B.
	KMJ	500	Fresno, Calif.
	KSAC	500	Manhattan, Kans.
	WDBO	250	Orlando, Fla.
	WIBW	1000	Topeka, Kans.
	WOBU	250	Charleston, W. Va.
	WTAG	250	Worcester, Mass.
585 Kc.—513 M.	XEPN	22000	Piedras Negras, Mex.
Dial Reading:			

	Call Letters	Power	Location
590 Kc.—509 M. Dial Reading:	CMW	1400	Havana, Cuba
	KHQ	1000	Spokane, Wash.
	—WEEI	1000	Boston, Mass.
	WKZO	1000	*Kalamazoo, Mich.
	WOW	1000	Omaha, Nebr.
600 Kc.—500 M. Dial Reading:	CFCF	500	Montreal, Que.
	KFQD	250	Anchorage, Alaska
	KFSD	1000	San Diego, Calif.
	CAC	250	Storrs, Conn.
	—WCAO	250	Baltimore, Md.
	—WICC	250	Bridgeport, Conn.
	—WMT	500	Waterloo, Iowa
WREC	500	Memphis, Tenn.	
610 Kc.—492 M. Dial Reading:	KFRC	1000	San Francisco, Calif.
	—WDAF	1000	Kansas City, Mo.
	—WIP	500	Philadelphia, Pa.
	WJAY	500	*Cleveland, Ohio
	XETR	1000	Mexico City, Mex.
620 Kc.—484 M. Dial Reading:	KGW	1000	Portland, Oreg.
	KTAR	500	Phoenix, Ariz.
	WFLA-		
	WSUN	1000	Clearwater, Fla.
	—WLBZ	500	Bangor, Maine
	—WTMJ	1000	Milwaukee, Wis.
625 Kc.—475 M. Dial Reading:	HIX	1000	Santo Domingo, D. R.
630 Kc.—476 M. Dial Reading:	CFCY	500	Charlottetown, P. E. I.
	CJGX	500	Yorkton, Sask.
	CMCU	150	Havana, Cuba
	CMQ	250	Havana, Cuba
	—KFRU	500	Columbia, Mo.
	KGFX	200	Pierre, S. Dak.
	WGBF	500	Evansville, Ind.
	—WMAL	250	Washington, D. C.
	WOS	500	Jefferson City, Mo.

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	Call Letters	Power	Location
638 Kc.—470 M. Dial Reading:	XFG	2000	Mexico City, Mex.
640 Kc.—469 M. Dial Reading:	KFI WAIU WOI	50000 500 5000	Los Angeles, Calif. *Columbus, Ohio *Ames, Iowa
645 Kc.—465 M. Dial Reading:	CHRC CKCR	100 100	Quebec, Que. Waterloo, Ont.
650 Kc.—462 M. Dial Reading:	KPCB WSM	100 50000	*Seattle, Wash. Nashville, Tenn.
660 Kc.—455 M. Dial Reading:	CMAF WAAW WEAF XEM XEN	500 500 50000 500000 150000	Miramar, Cuba *Omaha, Nebr. New York City Mataoros, Mex. Mataoros, Mex.
664 Kc.—452 M. Dial Reading:	RUS	500	San Salvador, Salv.
665 Kc.—451 M. Dial Reading:	XEF	500000	Villa Acuna, Mex.
670 Kc.—448 M. Dial Reading:	WMAQ	5000	Chicago, Ill.
680 Kc.—441 M. Dial Reading:	KFEQ KPO WPTF VAS	2500 50000 1000	*St. Joseph, Mo. San Francisco, Calif. *Raleigh, N. C. <i>Glace Bay N.S.</i>
690 Kc.—435 M. Dial Reading:	CFAC CFRB CJCJ XET	500 10000 500 500	Calgary, Alta. Toronto, Ont. Calgary, Alta. Monterrey, Mex.
700 Kc.—429 M. Dial Reading:	WLW	50000	Cincinnati, Ohio
710 Kc.—423 M. Dial Reading:	KMPC WOR	500 5000	*Beverly Hills, Calif. Newark, N. J.

	Call Letters	Power	Location
711 Kc.—422 M. Dial Reading:	XEN	1000	Mexico City, Mex.
720 Kc.—417 M. Dial Reading:	—WGN	25000	Chicago, Ill.
730 Kc.—411 M. Dial Reading:	CJCA	500	Edmonton, Alta.
	—CKAC	5000	Montreal, Que.
	CMK	3150	Havana, Cuba
735 Kc.—408 M. Dial Reading:	—XER	500000	Villa Acuna, Mex.
740 Kc.—405 M. Dial Reading:	KMMJ	1000	*Clay Center, Nebr.
	WHEB	250	*Portsmouth, N. H.
	—WSB	5000	Atlanta, Ga.
750 Kc.—400 M. Dial Reading:	KGU	2500	Honolulu, Hawaii
	—WJR	10000	Detroit, Mich.
	XEAN	5000	Ciudad Juarez, Mex.
760 Kc.—395 M. Dial Reading:	KXA	250	*Seattle, Wash.
	WEW	1000	*St. Louis, Mo.
	—WJZ	30000	New York City
770 Kc.—390 M. Dial Reading:	KFAB	5000	Lincoln, Nebr.
	—WBBM	25000	Chicago, Ill.
780 Kc.—385 M. Dial Reading:	CHWK	100	Chilliwack, B. C.
	CKPR	100	Port Arthur, Ont.
	CMBS	150	Havana, Cuba
	CMCQ	1000	Havana, Cuba
	KELW	500	Burbank, Calif.
	KTM	500	Los Angeles, Calif.
7:00-7:30 P.M.	—WEAN	500	Providence, R. I.
	WMC	500	Memphis, Tenn.
	WTAR	500	Norfolk, Va.
	XEP	1000	Nuevo Laredo, Mex.
790 Kc.—380 M. Dial Reading:	KGO	7500	San Francisco, Calif.
	—WGY	50000	Schenectady, N. Y.

	Call Letters	Power	Location
800 Kc.—375 M.	—WBAP	50000	Ft. Worth, Texas
Dial Reading:	WFAA	50000	Dallas, Texas
805 Kc.—373 M.	XEC	350	Aguascalientes, Mex.
Dial Reading:			
810 Kc.—370 M.	VOAS	100	St. John's Newfoundland
Dial Reading:	—WCCO	50000	Minneapolis, Minn.
	WNYC	500	*New York City
818 Kc.—367 M.	XFI	1000	Mexico City, Mex.
Dial Reading:			
820 Kc.—366 M.	CMGC	30	Matanzas, Cuba
Dial Reading:	—WHAS	25000	Louisville, Ky.
830 Kc.—361 M.	KOA	12500	Denver, Colo.
Dial Reading:	WEEU	1000	*Reading, Pa.
	—WHDH	1000	*Boston, Mass.
	—WRUF	5000	*Gainesville, Fla.
	XETW	500	Mexico City, Mex.
834 Kc.—360 M.	CMGA	100	Colon, Cuba
Dial Reading:			
840 Kc.—357 M.	—CKGW	5000	Toronto, Ont.
Dial Reading:	CMC	500	Havana, Cuba
845 Kc.—355 M.	XETH	150	Pueblo, Mex.
Dial Reading:	XETM	150000	Matamoros, Mex.
850 Kc.—353 M.	KIEV	100	*Glendale, Calif.
Dial Reading:	KWKH	10000	Shreveport, La.
	—WWL	10000	New Orleans, La.
860 Kc.—349 M.	—WABC	50000	New York City
Dial Reading:	WHB	500	*Kansas City, Mo.
	XFX	500	Mexico City, Mex.
870 Kc.—345 M.	—WENR	50000	Chicago, Ill.
Dial Reading:	—WLS	50000	Chicago, Ill.
875 Kc.—343 M.	XEAD	250	Mexico City, Mex.
Dial Reading:			

	Call Letters	Power	Location
880 Kc.—341 M. Dial Reading:	CJCB	50	Sydney, Nova Scotia
	CJRM	500	Moose Jaw, Sask.
	CJRW	500	Fleming, Sask.
	CRCO	500	Ottawa, Ont.
	KFKA	500	Greeley, Colo.
	KLX	1000	Oakland, Calif.
	KPOF	500	Denver, Colo.
	VOGY	100	St. John's, Newfoundland
	WCOC	500	Meridian, Miss.
	WGBI	250	Scranton, Pa.
890 Kc.—337 M. Dial Reading:	WQAN	250	Scranton, Pa.
	WSUI	500	Iowa City, Iowa
	CFQC	500	Saskatoon, Sask.
	CHML	50	Mt. Hamilton, Ont.
	CMCF	250	Havana, Cuba
	CMX	500	Havana, Cuba
	KARK	250	Little Rock, Ark.
	KFNF	500	Shenandoah, Iowa
	KUSD	500	Vermilion, S. Dak.
	VOGT	100	Bell Isle, Newfoundland
	WGST	250	Atlanta, Ga.
	WILL	250	Urbana, Ill.
	WJAR	500	Providence, R. I.
900 Kc.—333 M. Dial Reading:	WMMN	250	Fairmont, W. Va.
	XETU	100	Pachuca, Mex.
	KGBU	500	Ketchikan, Alaska
	KHJ	1000	Los Angeles, Calif.
	KSEI	250	Pocatello, Idaho
910 Kc.—330 M. Dial Reading:	WBEN	1000	Buffalo, N. Y.
	WJAX	1000	Jacksonville, Fla.
	WKY	1000	Oklahoma City, Okla.
	WLBL	2500	*Stevens Point, Wis.
	CKY	5000	Winnipeg, Man.
915 Kc.—328 M. Dial Reading:	XEW	5000	Mexico City, Mex.
	CFRC	100	Kingston, Ont.

	Call Letters	Power	Location
920 Kc.—326 M. Dial Reading:	HHK	1000	Port au Prince, Haiti
	KFEL	500	Denver, Colo.
	KFXF	500	Denver, Colo.
	KOMO	1000	Seattle, Wash.
	KPRC	1000	Houston, Texas
	WAAF	500	* Chicago, Ill.
	WBSO	500	*Needham, Mass.
—WWJ	1000	Detroit, Mich.	
925 Kc.—325 M. Dial Reading:	CMCN	250	Marianao, Cuba
	CMBW	150	Havana, Cuba
930 Kc.—323 M. Dial Reading:	CFCH	100	North Bay, Ont.
	CFLC	100	Prescott, Ont.
	CKPC	100	Prescott, Ont.
	CKX	500	Brandin, Man.
	CMJF	200	Camaguey, Cuba
	KFWI	500	San Francisco, Calif.
	KGBZ	500	York, Nebr.
	KMA	500	Shenandoah, Iowa
	KROW	500	Oakland, Calif.
	WBRC	500	Birmingham, Ala.
	—WDBJ	250	Roanoke, Va.
	WIBG	25	*Glenside, Pa.
940 Kc.—319 M. Dial Reading:	KOIN	1000	Portland, Oreg.
	WAAT	500	*Jersey City, N. J.
	—WCSH	1000	Portland, Maine
	WDAY	1000	Fargo, N. Dak.
	—WFIW	1000	Hopkinsville, Ky.
	WHA	1000	*Madison, Wis.
	XEFO	5000	Mexico City, Mex.
	XFO	5000	Mexico City, Mex.
950 Kc.—316 M. Dial Reading:	CMHD	250	Caibarien, Cuba
	KFWB	1000	Hollywood, Calif.
	KGHL	1000	Billings, Mont.
	—KMBC	1000	Kansas City, Mo.
	—WRC	500	Washington, D. C.
	VONA		St. John's, Newfoundland

	Cell Letters	Power	Location
960 Kc.—313 M.	CMJL	50	Camaguey, Cuba
Dial Reading:	CRCT		Toronto, Canada.
965 Kc.—311 M.	CMBD	150	Havana, Cuba
Dial Reading:	CMCW	150	Havana, Cuba
	XEAW	1000	Reynosa, Mex.
970 Kc.—309 M.	KJR	5000	Seattle, Wash.
Dial Reading:	WCFL	1500	Chicago, Ill.
980 Kc.—306 M.	KDKA	50000	Pittsburgh, Pa.
Dial Reading:			
987 Kc.—304 M.	CMGF	100	Matanzas, Cuba
Dial Reading:			
990 Kc.—303 M.	WBZ	25000	Boston, Mass.
Dial Reading:	WBZA	1000	Boston, Mass.
	WJEM	500	Tupelo, Miss.
	XEK	100	Mexico City, Mex.
1000 Kc.—300 M.	KFVD	250	*Los Angeles, Calif.
Dial Reading:	WOC-		
	WHO	50000	Des Moines, Iowa
	WORK	1000	*York, Pa.
	XEA	100	Guadalajara, Mex.
	XEC	50	Toluca, Mex.
	XEFE	100	Nuevo Laredo, Mex.
	XEFI	100	Chihuahua, Mex.
	XFJ	100	Monterrey, Mex.
	XEFS	40	Queretero, Mex.
	XEL	10	Saltillo, Mex.
	XETG	100	Torreon, Mex.
1010 Kc.—297 M.	CHWC	500	Regina, Sask.
Dial Reading:	CKCD	100	Vancouver, B. C.
	CKCK	500	Regina, Sask.
	CKCO	100	Ottawa, Ont.
	CKIC	50	Wolfville, N. S.
	CKOC	500	Hamilton, Ont.
	CMBZ	150	Havana, Cuba

	Call Letters	Power	Location
1010 Kc.—297 M.	KGGF	500	Coffeyville, Kans.
Dial Reading:	KQW	500	San Jose, Calif.
	—WHN	250	New York City
	WIS	500	Columbia, S. C.
	WNAD	500	Norman, Okla.
	WQAO-		
	WPAP	250	New York City
	WRNY	250	New York City
	XEU	100	Vera Cruz, Mex.
1015 Kc.—295 M.	XEJ	500	Ciudad Juarez, Mex.
Dial Reading:			
1020 Kc.—294.2 M.—	KYW	10000	Chicago, Ill.
Dial Reading:	WRAX	250	* Philadelphia, Pa.
	XEFC	10	Merida, Mex.
	XEFD	300	Tia Juana, Mex.
1030 Kc.—291.3 M.	CFBO	500	St. John, N. B.
Dial Reading:	CFCN	10000	Strathmore, Alta.
	CKNC	100	Toronto, Ont.
	CMHI	30	Santa Clara, Cuba
	VOX	100	St. John's, Newfoundland
	—XEB	19000	Mexico City, Mex.
1034 Kc.—290 M.	CMKC	150	Santiago de Cuba, Cuba
Dial Reading:			
1040 Kc.—288.5 M.	CMGH	15	Matanzas, Cuba
Dial Reading:	—KRLD	10000	Dallas, Texas
	KTHS	10000	Hot Springs, Ark.
	—WESG	1000	*Elmira, N. Y.
	WKAR	1000	*East Lansing, Mich.
1050 Kc.—285.7 M.—	CHNS	500	Halifax, N. S.
Dial Reading:	CMJG	50	Camaguey, Cuba
	—KFBI	5000	*Abilene, Kans.
	KNX	25000	Los Angeles, Calif.
1055 Kc.—284.0 M.	XES	250	Tampico, Mex.
Dial Reading:			

	Call Letters	Power	Location
1060 Kc.—283.0 M. Dial Reading:	KWJJ	500	* Portland, Oreg.
	WBAL	10000	Baltimore, Md.
	WJAG	1000	* Norfolk, Nebr.
	— WTIC	50000	Hartford, Conn.
1070 Kc.—280.4 M. Dial Reading:	CMBG	225	Havana, Cuba
	CMCB	150	Havana, Cuba
	KJBS	100	* San Francisco, Calif.
	WCAZ	50	* Carthage, Ill.
	WDZ	100	* Tuscola, Ill.
— WTAM	50000	Cleveland, Ohio	
1075 Kc.—278.5 M. Dial Reading:	XEG	500	Mexico City, Mex.
1080 Kc.—277.8 M. Dial Reading:	— WBT	25000	Charlotte, N. C.
	WCBD	5000	* Zion, Ill.
	WMBI	5000	* Chicago, Ill.
1090 Kc.—275.2 M. Dial Reading:	— KMOX	50000	St. Louis, Mo.
	XEAI	100	Mexico City, Mex.
1100 Kc.—272.7 M. Dial Reading:	CRCV	500	Vancouver, B. C.
	KGDM	250	* Stockton, Calif.
	WLWL	5000	New York City
	— WPG	5000	Atlantic City, N. J.
1110 Kc.—270.3 M. Dial Reading:	CMJO	50	Ciego de Avila, Cuba
	KSOO	2500	* Sioux Falls, S. Dak.
	— WRVA	5000	Richmond, Va.
1115 Kc.—269.0 M. Dial Reading:	VONF	100	St. John's, Newfoundland
	XENT	150000	Newo Laredo, Mex.
1120 Kc.—267.9 M. Dial Reading:	— CFCA	100	Toronto, Ont.
	CFJC	100	Kamloops, B. C.
	CHGS	100	Summerside, P. E. I.
	CHLP	100	Montreal, Que.
	KFIO	100	* Spokane, Wash.
	KFSG	500	Los Angeles, Calif.
	KRKD	500	Los Angeles, Calif.
	KRSC	100	* Seattle, Wash.
	KTRH	500	Houston, Texas

	Call Letters	Power	Location
1120 Kc.—267.9 M. Dial Reading:	WDEL	250	Wilmington, Del.
	WHAD	250	Milwaukee, Wis.
	WISN	250	Milwaukee, Wis.
	WTAW	500	College Station, Texas
1125 Kc.—267 M. Dial Reading:	CMHJ	40	Cienfuegos, Cuba
1130 Kc.—265.5 M. Dial Reading:	KSL	50000	Salt Lake City, Utah
	WJJD	20000	*Mooseheart, Ill.
	WOV	1000	*New York City
1132 Kc.—265 M. Dial Reading:	XEH	250	Monterrey, Mex.
1140 Kc.—263.2 M. Dial Reading:	CMBJ	150	Havana, Cuba
	CMCD	250	Havana, Cuba
	KVOO	5000	Tulsa, Okla.
	WAPI	5000	Birmingham, Ala.
	XETA	250	Mexico City, Mex.
1150 Kc.—260.9 M. Dial Reading:	CMJH	30	Ciego de Avila, Cuba
	WHAM	25000	Rochester, N. Y.
1155 Kc.—260 M. Dial Reading:	XED	500	Guadalajara, Mex.
1160 Kc.—258.6 M. Dial Reading:	WOWO	10000	Ft. Wayne, Ind.
	WWVA	5000	Wheeling, W. Va.
1170 Kc.—256.4 M. Dial Reading:	WCAU	50000	Philadelphia, Pa.
1175 Kc.—255 M. Dial Reading:	CMJE	50	Camaguey, Cuba
1180 Kc.—254.2 M. Dial Reading:	HIJK	15000	Santo Domingo, D. R.
	KEX	5000	Portland, Oreg.
	KOB	10000	Albuquerque, N. Mex.
	WDGY	1000	*Minneapolis, Minn.
	WINS	500	*New York, N. Y.
	WMAZ	500	*Macon, Ga.

	Call Letters	Power	Location
1185 Kc.—253 M.	CMBN	150	Havana, Cuba
Dial Reading:	CMCJ	250	Havana, Cuba
1190 Kc.—252.1 M.—	WOAI	50000	San Antonio, Texas
Dial Reading:	WSAZ	1000	Huntington, W. Va.
1200 Kc.—250 M.	CKOV	100	Kelowna, B. C.
Dial Reading:		25	Moose Jaw, Sask.
	KBTM	100	*Paragould, Ark.
	KERN	100	Bakersfield, Calif.
	KFJB	100	Marshalltown, Iowa
	KFXD	100	Nampa, Idaho
	KFXJ	100	Grand Junction, Colo.
	KGDE	100	Fergus Falls, Minn.
	KGDY	100	Huron, S. Dak.
	KGEK	100	Yuma, Colo.
	KGfJ	100	Los Angeles, Calif.
	KGHI	100	Little Rock, Ark.
	KGVO	100	Missoula, Mont.
	KMLB	100	Monroe, La.
	KSUN	100	*Lowell, Ariz.
	KVOS	100	Bellingham, Wash.
	KWG	100	Stockton, Calif.
	WABI	100	Bangor, Maine
	WBBX	100	New Orleans, La.
	WBBZ	100	Ponca City, Okla.
	WBHS	100	Huntsville, Ala.
	WCAT	100	Rapid City, S. Dak.
	WCAX	100	Burlington, Vt.
	WCLO	100	Janesville, Wis.
	WCOD	100	Harrisburg, Pa.
	WFAM	100	South Bend, Ind.
	WFBC	100	Greenville, S. C.
	WFBE	100	Cincinnati, Ohio
	WHBC	10	Canton, Ohio
	WHBY	100	Green Bay, Wis.
	WIBX	100	Utica, N. Y.
	WIL	100	St. Louis, Mo.
	WJBC	100	LaSalle, Ill.
	WJBL	100	Decatur, Ill.

	Call Letters	Power	Location
1200 Kc.—250 M. Dial Reading:	WJBW	100	New Orleans, La.
	WKJC	100	Lancaster, Pa.
	WLAP	100	Louisville, Ky.
	WNBO	100	Washington, Pa.
	WNBW	10	Carbondale, Pa.
	WORC	100	Worcester, Mass.
	WPHR	100	Petersburg, Va.
	WRBL	100	Columbus, Ga.
	WWAE	100	Hammond, Ind.
1205 Kc.—249 M. Dial Reading:	CMGB	30	Matanzas, Cuba
1210 Kc.—247.9 M. Dial Reading:		100	Hull, Que.
	CFCO	100	Chatham, Ont.
	CFNB	50	Fredericton, N. B.
	CJOR	500	Vancouver, B. C.
	CKMC	100	Cobalt, Ont.
	KASA	100	Elk City, Okla.
	KDLR	100	Devils Lake, N. Dak.
	KFJI	100	Klamath Falls, Oreg.
	KFOR	100	Lincoln, Nebr.
	KFPW	100	Fort Smith, Ark.
	KFVS	100	Cape Girardeau, Mo.
	KFXM	100	San Bernardino, Calif.
	KGCR	100	Watertown, S. Dak.
	KGY	100	Olympia, Wash.
	KIEM	100	*Eureka, Calif.
	KPPC	50	Pasadena, Calif.
	KWEA	100	Shreveport, La.
	KWVW	100	Hilo, Hawaii
	WALR	100	Zanesville, Ohio
	WBAX	100	Wilkes-Barre, Pa.
	WBBL	100	Richmond, Va.
	WCBS	100	Springfield, Ill.
	WCRW	100	Chicago, Ill.
	WEBQ	100	Harrisburg, Ill.
WEDC	100	Chicago, Ill.	

	Call Letters	Power	Location
1210 Kc.—247.9 M. Dial Reading:	WFAS	100	White Plains, N. Y.
	WGBB	100	Freeport, N. Y.
	WGCM	100	Mississippi City, Miss.
	WGNY	50	Chester Twp., N. Y.
	WHBF	100	Rock Island, Ill.
	WHBU	100	Anderson, Ind.
	WHET	100	Troy, Ala.
	WIBU	100	Poynette, Wis.
	WJBI	100	Redbank, N. J.
	WJBY	100	Gadsden, Ala.
	WJEJ	100	*Hagerstown, Md.
	WJW	100	Akron, Ohio
	WKFI	100	Greenville, Miss.
	WKOK	100	Lewisburg, Pa.
	WLCI	50	Ithaca, N. Y.
	WMBG	100	Richmond, Va.
	WOCL	50	Jamestown, N. Y.
	WOMT	100	Manitowoc, Wis.
	WPRO	100	Providence, R. I.
	WQDX	100	Thomasville, Ga.
	WSBC	100	Chicago, Ill.
	WSEN	100	Columbus, Ohio
	WSIX	100	Springfield, Tenn.
	WSOC	100	Gastonia, N. C.
	WTAX	100	Springfield, Ill.
	XEX	500	Mexico City, Mex.
1220 Kc.—245.9 M. Dial Reading:	KFKU	500	Lawrence, Kans.
	KTW	1000	Seattle, Wash.
	KWSC	1000	Pullman, Wash.
	WCAD	500	Canton, N. Y.
	WCAE	1000	Pittsburgh, Pa.
	WDAE	1000	Tampa, Fla.
	WREN	1000	Lawrence, Kans.
1225 Kc.—245 M. Dial Reading:	CMHK	15	Cruces, Cuba

	Call Letters	Power	Location
1230 Kc.—243.9 M. Dial Reading:	CMBY	250	Havana, Cuba
	CMCA	150	Havana, Cuba
	KGGM	250	Albuquerque, N. Mex.
	KYA	1000	San Francisco, Calif.
	WFBM	1000	Indianapolis, Ind.
	WNAC	1000	Boston, Mass.
	WSBT	500	South Bend, Ind.
1240 Kc.—241.9 M. Dial Reading:	CMJN	50	Camaguey, Cuba
	KGCU	250	Mandan, N. Dak.
	KLPM	250	Minot, N. D.
	KTAT	1000	Ft. Worth, Texas
	KTFI	500	Twin Falls, Idaho
	WKAQ	1000	San Juan, P. R.
	WXYZ	1000	Detroit, Mich.
	XEFW	70	Tampico, Mexico
1249 Kc.—240.5 M. Dial Reading:	CMAB	20	Pinar del Rio, Cuba
1250 Kc.—240 M. Dial Reading:	KFOX	1000	Long Beach, Calif.
	WAAM	1000	Newark, N. J.
	WCAL	1000	Northfield, Minn.
	WDSU	1000	New Orleans, La.
	WGCP	250	Newark, N. J.
	WLB	1000	Minneapolis, Minn.
	WODA	1000	Paterson, N. J.
	WRHM	1000	Minneapolis, Minn.
	XEFA	500	Mexico City, Mex.
1260 Kc.—238.1 M. Dial Reading:	KOIL	1000	Council Bluffs, Iowa
	KRGV	500	Harlingen, Texas
	KUOA	1000	*Fayetteville, Ark.
	KVOA	500	Tucson, Ariz.
	KWWG	500	Brownsville, Texas
	WLBW	500	Erie, Pa.
	WNBX	250	*Springfield, Vt.
	WTOC	500	Savannah, Ga.

	Call Letters	Power	Location
1270 Kc.—236.2 M. Dial Reading:	CMBC	150	Havana, Cuba
	KGCA	100	*Decorah, Iowa
	KOL	1000	Seattle, Wash.
	KVOR	1000	Colorado Springs, Colo.
	KWLC	100	*Decorah, Iowa
	WASH	500	Grand Rapids, Mich.
	WFBR	500	Baltimore, Md.
	WJDJ	1000	Jackson, Miss.
	WOOD	500	Grand Rapids, Mich.
1280 Kc.—234.14 M. Dial Reading:	KFBB	1000	Great Falls, Mont.
	WCAM	500	Camden, N. J.
	WCAP	500	Asbury Park, N. J.
	WDOD	1000	Chattanooga, Tenn.
	WIBA	500	Madison, Wis.
	WRR	500	Dallas, Texas
	WTNJ	500	Trenton, N. J.
1290 Kc.—232.6 M. Dial Reading:	CMHL	20	Cienfuegos, Cuba
	KDYL	1000	Salt Lake City, Utah
	KLCN	50	*Blytheville, Ark.
	KTSA	1000	San Antonio, Texas
	WEBC	1000	Superior, Wis.
	WJAS	1000	Pittsburgh, Pa.
1295 Kc.—231.1 M. Dial Reading:	WNBZ	50	*Saranac Lake, N. Y.
	XEAC	100	San Luis Potosi, Mex.
1300 Kc.—230.8 M. Dial Reading:	CMKJ	20	Guantanamo, Cuba
	KALE	500	Portland, Oreg.
	KFAC	1000	Los Angeles, Calif.
	KFH	1000	Wichita, Kans.
	KFJR	500	Portland, Oreg.
	WBBR	1000	Brooklyn, N. Y.
	WEVD	500	New York, N. Y.
	WFAB	1000	New York City
	WHAZ	500	Troy, N. Y.
	WIOD		
WMBF	1000	Miami, Fla.	

	Call Letters	Power	Location
1300 Kc.—230.8 M. Dial Reading:	WOQ	1000	Kansas City, Mo.
	VOKW	15	St. John's Newfoundland
	XEM	250	Mexico City, Mex.
1310 Kc.—229 M. Dial Reading:	CKCK	100	Charlottetown, P. E. I.
	CKCV	50	Quebec, Que.
	KCRJ	100	Jerome, Ariz.
	KFBK	100	Sacramento, Calif.
	KFGQ	100	Boone, Iowa
	KFPL	100	Dublin, Texas
	KFPM	15	Greenville, Texas
	KFXR	100	Oklahoma City, Okla.
	KFYO	100	Lubbock, Texas
	KGBX	100	Springfield, Mo.
	KGCX	100	Wolf Point, Mont.
	KGEZ	100	Kalispell, Mont.
	KGFW	100	Kearney, Nebr.
	KIFH	100	Juneau, Alaska
	KIT	100	Yakima, Wash.
	KMED	100	Medford, Oreg.
	KRMD	100	Shreveport, La.
	KTSM	100	El Paso, Texas
	KXRO	100	Aberdeen, Wash.
	WAML	100	Laurel, Miss.
	WBEO	100	Marquette, Mich.
	WBOW	100	Terre Haute, Ind.
	WBRE	100	Wilkes-Barre, Pa.
	WCLS	100	Joliet, Ill.
	WDAH	100	El Paso, Texas
	WEBR	100	Buffalo, N. Y.
	WEXL	50	Royal Oak, Mich.
	WFBG	100	Altoona, Pa.
	WFDF	100	Flint, Mich.
	WGAL	100	Lancaster, Pa.
	WGH	100	Newport News, Va.
	WHAT	100	Philadelphia, Pa.
	WIAS	100	Ottumwa, Iowa
	WJAC	100	Johnstown, Pa.
	WKBB	100	Joliet, Ill.

	Call Letters	Power	Location
1310 Kc.—229 M. Dial Reading:	WKBC	100	Birmingham, Ala.
	WLBC	50	Muncie, Ind.
	WMBO	100	Auburn, N. Y.
	WNBH	100	New Bedford, Mass.
	WOL	100	Washington, D. C.
	WRAW	100	Reading, Pa.
	WROL	100	Knoxville, Tenn.
	WSAJ	100	Grove City, Pa.
	WSJS	100	Winston-Salem, N. C.
	WTEL	100	Philadelphia, Pa.
	WTJS	100	Jackson, Tenn.
	WTRC	50	Elkhart, Ind.
	XEI	125	Morelia, Mex.
1315 Kc.—228.1 M. Dial Reading:	XEFB	100	Monterrey, Mex.
1320 Kc.—227.3 M. Dial Reading:	KGHF	250	Pueblo, Colo.
	KGMB	250	Honolulu, Hawaii
	KID	250	Idaho Falls, Idaho
	TGW	250	Guatemala City, Guatemala
	WADC	1000	Tallmadge, Ohio
	WSMB	500	New Orleans, La.
1325 Kc.—227.5 M. Dial Reading:	CMCY	1000	Havana, Cuba
1330 Kc.—225.6 M. Dial Reading:	KGB	1000	San Diego, Calif.
	KMO	250	Tacoma, Wash.
	KSCJ	1000	Sioux City, Iowa
	WDRG	500	Hartford, Conn.
	WSAI	500	Cincinnati, Ohio
	WTAQ	1000	Eau Claire, Wis.
1335 Kc.—224.2 M. Dial Reading:	CMJI	45	Ciego de Avila, Cuba
1340 Kc.—223.9 M. Dial Reading:	KFPY	1000	Spokane, Wash.
	KGNO	250	Dodge City, Kans.
	WCOA	500	Pensacola, Fla.
	WSPD	1000	Toledo, Ohio
1350 Kc.—222.2 M. Dial Reading:	JRL	7½	San Pedro Sula, Honduras
	KIDO	1000	Boise, Idaho

	Call Letters	Power	Location
1350 Kc.—222.2 M.	KWK	1000	St. Louis, Mo.
Dial Reading:	WAWZ	250	Zarephath, N. J.
	WBNX	250	New York City
	WCDA	250	New York City
	WEHC	500	*Emory, Va.
	WMSG	250	New York City
1360 Kc.—220.6 M.	CMJP	7.5	Moron, Cuba
Dial Reading:	KGER	1000	Long Beach, Calif.
	KGIR	500	Butte, Mont.
	WCSC	500	Charleston, S. C.
	WFBL	1000	Syracuse, N. Y.
	WGES	500	Chicago, Ill.
	WQBC	500	Vicksburg, Miss.
1365 Kc.—219.5 M.	CMCR	150	Havana, Cuba
Dial Reading:			
1370 Kc.—219 M.	HRB	2300	Tegucigalpa, Honduras
Dial Reading:	KCRC	100	Enid, Okla.
	KFBL	50	Everett, Wash.
	KFJM	100	Grand Forks, N. D.
	KFJZ	100	Ft. Worth, Texas
	KGAR	100	Tucson, Ariz.
	KGFG	100	Oklahoma City, Okla.
	KGFL	100	Roswell, N. M.
	KGKL	100	San Angelo, Texas
	KICA	100	Clovis, N. Mex.
	KLUF	100	Galveston, Texas
	KMAC	100	San Antonio, Texas
	KONO	100	San Antonio, Texas
	KOOS	100	Marshfield, Oreg.
	KRE	100	Berkeley, Calif.
	KSO	100	Des Moines, Iowa
	KUJ	100	Walla Walla, Wash.
	KVL	100	Seattle, Wash.
	KWKC	100	Kansas City, Mo.
	WBTM	100	Danville, Va.
	WCBM	100	Baltimore, Md.
	WDAS	100	Philadelphia, Pa.
	WGL	100	Ft. Wayne, Ind.

	Letters Call	Power	Location
1370 Kc.—219 M. Dial Reading:	WGLC	100	Hudson Falls, N. Y.
	WHBD	100	Mt. Orab, Ohio
	WHBQ	100	Memphis, Tenn.
	WHDF	100	Calumet, Mich.
	WIBM	100	Jackson, Mich.
	WJBK	50	Detroit, Mich.
	WJTL	100	Oglethorpe University, Ga.
	WLEY	100	Lexington, Mass.
	WLVA	100	Lynchburg, Va.
	WMBR	100	Tampa, Fla.
	WPFB	100	Hattiesburg, Miss.
	WQDM	100	St. Albans, Vt.
	WRAK	100	Williamsport, Pa.
	WRAM	100	Wilmington, N. C.
	WRDO	100	Augusta, Me.
WRJN	100	Racine, Wis.	
WSVS	50	Buffalo, N. Y.	
XEFV	100	Ciudad Juarez, Mex.	
1375 Kc.—218 M. Dial Reading:	CMGE	30	Cardenas, Cuba
1380 Kc.—217.4 M. Dial Reading:	KOH	500	Reno, Nev.
	KQV	500	Pittsburgh, Pa.
	WKBH	1000	LaCrosse, Wis.
	WSMK	200	Dayton, Ohio
	XETB	125	Torreón, Mex.
1382 Kc.—216 M. Dial Reading:	CMJC	150	Camaguey, Cuba
1390 Kc.—215.8 M. Dial Reading:	KLRA	1000	Little Rock, Ark.
	KOY	500	Phoenix, Ariz.
	WHK	1000	Cleveland, Ohio
1400 Kc.—214.3 M. Dial Reading:	KLO	500	Ogden, Utah
	KOCW	250	Tulsa, Okla.
	WARD	500	Brooklyn, N. Y.
	WBAA	500	LaFayette, Ind.
	WBBC	500	Brooklyn, N. Y.
	WFOX	500	Brooklyn, N. Y.
	WKBF	500	Indianapolis, Ind.
WLTH	500	Brooklyn, N. Y.	

	Call Letters	Power	Location
1405 Kc.—213 M. Dial Reading:	CMCH	50	Havana, Cuba
	CMCM	15	Marianao, Cuba
1410 Kc.—212.8 M. Dial Reading:	CKFC	50	Vancouver, B. C.
	CKMO	100	Vancouver, B. C.
	KFLV	500	Rockford, Ill.
	KGRS	1000	Amarillo, Texas
	WAAB	500	Boston, Mass.
	WBCM	500	Bay City, Mich.
	WDAG	1000	Amarillo, Texas
	WHBL	500	Sheboygan, Wis.
	WHIS	250	Bluefield, W. Va.
	WODX	500	Mobile, Ala.
	WRBX	250	Roanoke, Va.
	WSFA	500	Montgomery, Ala.
	1420 Kc.—211.3 M. Dial Reading:	KABC	100
KBPS		100	Portland, Oreg.
KCMC		100	Texarkana, Ark.
KFIZ		100	Fond du Lac, Wis.
KGFF		100	Shawnee, Okla.
KGGC		100	San Francisco, Calif.
KGIW		100	Trinidad, Colo.
KGIX		100	Las Vegas, Nev.
KICK		100	Carter Lake, Iowa
KIDW		100	Lamar, Colo.
KORE		100	Eugene, Oreg.
KUMA		100	Yuma, Ariz.
KWCR		100	Cedar Rapids, Iowa
KXL		100	Portland, Oreg.
WAGM		100	Presque Isle, Me.
WACO		100	Waco, Texas
WAMC		100	Anniston, Ala.
WAZL		100	Hazleton, Pa.
WEED		100	*Greenville, N. C.
WEHS		100	Cicero, Ill.
WELL		50	Battle Creek, Mich.
WENC	100	*Americus, Ga.	
WHDL	100	*Tupper Lake, N. Y.	
WHFC	100	Cicero, Ill.	

	Call Letters	Power	Location
1420 Kc.—211.3 M. Dial Reading :	WILM	100	Wilmingon, Del.
	WJBO	100	*New Orleans, La.
	WKBI	100	Cieero, Ill.
	WJMS	100	Ironwood, Mich.
	WLBF	100	Kansas City, Kans.
	WMAS	100	Springfield, Mass.
	WMBC	100	Detroit, Mich.
	WMBH	100	Joplin, Mo.
	WMED	100	*Florence, Ala.
	WPAD	100	Paducah, Ky.
	WSPA	100	Spartanburg, S. C.
WTBO	100	Cumberland, Md.	
1430 Kc.—209.8 M. Dial Reading :	KECA	1000	Los Angeles, Calif.
	KGNF	500	*North Platte, Nebr.
	WBAK	1000	Harrisburg, Pa.
	WCAH	500	Columbus, Ohio
	WFEA	500	Manchester, N. H.
	WHEC	500	Rochester, N. Y.
	WHP	500	Harrisburg, Pa.
	WNBR	500	Memphis, Tenn.
WOKO	500	Albany, N. Y.	
1440 Kc.—208.3 M. Dial Reading :	KDFN	500	Casper, Wyo.
	KLS	250	*Oakland, Calif.
	KXYZ	250	Houston, Texas
	WBIG	500	Greensboro, N. C.
	WCBA	250	Allentown, Pa.
	WMBD	500	Peoria, Ill.
	WSAN	250	Allentown, Pa.
WTAD	500	Quincy, Ill.	
1445 Kc.—207.5 M. Dial Reading :	CMBL	20	Havana, Cuba
1450 Kc.—206.9 M. Dial Reading :	KTBS	1000	Shreveport, La.
	WGAR	500	Cleveland, Ohio
	WHOM	250	Jersey City, N. J.
	WSAR	250	Fall River, Mass.
	WTFI	500	Athens, Ga.
	XEAB	7.5	Nuevo Laredo, Mex.

	Call Letters	Power	Location
1460 Kc.—205.5 M.	KSTP	10000	St. Paul, Minn.
Dial Reading: —	WJSV	10000	Alexandria, Va.
1470 Kc.—204.1 M.	KGa	5000	Spokane, Wash.
Dial Reading: —	WLAC	5000	Nashville, Tenn.
1480 Kc.—202.7 M.	KOMA	5000	Oklahoma City, Okla.
Dial Reading: —	WKBW	5000	Buffalo, N. Y.
1485 Kc.—202 M.	CMBK	15	Havana, Cuba
Dial Reading:	CMBR	40	Arroyo Apolo, Cuba
1490 Kc.—201.3 M.	WCKY	5000	Covington, Ky.
Dial Reading:			
1500 Kc.—200 M.	KDB	100	Santa Barbara, Calif.
Dial Reading:	KGFI	100	Corpus Christi, Texas
	KGFK	100	Moorhead, Minn.
	KGIZ	100	Grant City, Mo.
	KGKB	100	Tyler, Texas
	KGKY	100	Scottsbluff, Nebr.
	KNOW	100	Austin, Texas
	KPJM	100	Prescott, Ariz.
	KPQ	100	Wenatchee, Wash.
	KREG	100	Santa Ana, Calif.
	KXO	100	El Centro, Calif.
	WFDV	100	Rome, Ga.
	WHEF	100	Kosciusko, Miss.
	WKBV	100	Connersville, Ind.
	WKBZ	100	Ludington, Mich.
	WKEU	100	La Grange, Ga.
	WLOE	100	Boston, Mass.
	WMBQ	100	Brooklyn, N. Y.
	WMIL	100	Brooklyn, N. Y.
	WMPC	100	Lapeer, Mich.
	WNBf	100	Binghamton, N. Y.
	WOPI	100	Bristol, Tenn.
	WPEN	100	Philadelphia, Pa.
	WRDW	100	Augusta, Ga.
	WSYB	100	Rutland, Vt.
	WWRL	100	Woodside, N. Y.
	WWSW	100	Pittsburgh, Pa.
	XEfZ	100	Mexico City, Mex.

1530

WIXAS

Watsony Conn.

Cities American Having Broadcasting Stations

AN alphabetical list of all places in the United States having broadcasting stations; it can be used to find the station when the call letters are missed but the name of the city is heard; the list includes Canadian cities having stations.

Aberdeen, Wash.....	KXRO	Birmingham, Ala.....	WAPI, WBRC, WKBC.
Abilene, Kans.....	KFBI	Bismarck, N. Dak.....	KFYR
Abilene, Texas.....	KFYO	Bluefield, W. Va.....	WHIS
Akron, Ohio.....	WJW	Blytheville, Ark.....	KLCN
Albany, N. Y.....	WOKO	Boise, Idaho.....	KIDO
Albuquerque, N. Mex.....	KOB, KGGM	Boone, Iowa.....	KFGQ
Alexandria, Va.....	WJSV	Boston, Mass.....	WBZA, WEEI, WHDH, WBIS, WNAC, WLOE, WAAB, WBZ.
Allentown, Pa.....	WCBA, WSN	Bristol, Tenn.....	WOPI
Altoona, Pa.....	WFBG	Bridgeport, Conn.....	WICC
Amarillo, Texas.....	KGRS, WDAG	Brookings, S. Dak.....	KFDY
Americus, Ga.....	WENC	Brooklyn, N. Y.....	WFOX, WLTH, WMBQ, WBBC, WBRR, WARD, WMIL.
Ames, Iowa.....	WOI	Brownsville, Texas.....	KWWG
Anchorage, Alaska.....	KFQD	Buffalo, N. Y.....	WEBR, WGR, WKBW, WBEN, WSVS.
Anderson, Ind.....	WHBU	Burbank, Calif.....	KELW
Auburn, N. Y.....	WMBO	Burlington, Vt.....	WCAX
Anniston, Ala.....	WAMC	Butte, Mont.....	KGIR
Arlington, Va.....	NAA	Calumet, Mich.....	WHDF
Asbury, Park, N. J.....	WCAP	Camden, N. J.....	WCAM
Asheville, N. C.....	WWNC	Canton, N. Y.....	WCAD
Athens, Ga.....	WTFI	Canton, Ohio.....	WHBC
Atlanta, Ga.....	WGST, WSB	Cape Girardeau, Mo.....	KFVS
Atlantic City, N. J.....	WPG	Carbondale, Pa.....	WNBW
Auburn, N. Y.....	WMBO	Carter Lake, Iowa.....	KICK
Augusta, Ga.....	WRDW	Carthage, Ill.....	WCAZ
Augusta, Me.....	WRDO	Casper, Wyo.....	KDFN
Austin, Texas.....	KNOW	Cedar Rapids, Iowa.....	KWCR
Bakersfield, Calif.....	KERN	Charleston, S. C.....	WCSC
Baltimore, Md.....	WBAL, WCAO, WFBR, WCBM.	Charleston, W. Va.....	WOBU
Bangor, Me.....	WABI, WLBZ	Charlotte, N. C.....	WBT
Battle Creek, Mich.....	WELL	Chattanooga, Tenn.....	WDOD
Bay City, Mich.....	WBCM	Chester Twp., N. Y.....	WGNY
Beaumont, Texas.....	KFDM	Chicago, Ill.....	KFKX, KYW, WAAF, WBBM, WBCN, WCFL, WCRW,
Bellingham, Wash.....	KVOS		
Berkeley, Calif.....	KRE		
Beverly Hills, Calif.....	KMPC		
Billings, Mont.....	KGHL		
Binghamton, N. Y.....	WNBF		

WEDC, WENR, WGES, WGN, WJET, WLIB, WLS, WMAQ, WMBI, WSBC.	Evansville, Ind.-----	WGFB
Cicero, Ill.-----	Everett, Wash.-----	KFBL
Cincinnati, Ohio-----	Fairmont, W. Va.-----	WMMN
WKRC, WLW.	Fall River, Mass.-----	WSAR
Clay Center, Nebr.-----	Fargo, N. Dak.-----	WDAY
Clayton, Mo.-----	Fayetteville, Ark.-----	KUOA
Clearwater, Fla.-----	Fergus Falls, Minn.-----	KGDE
Cleveland, Ohio-----	Flint, Mich.-----	WFDF
WTAM, WGAR.	Florence, Ala.-----	WMED
Clovis, N. Mex.-----	Fond du Lac, Wis.-----	KFIZ
Coffeeville, Kans.-----	Fort Smith, Ark.-----	KFPW
College Station, Texas-----	Fort Wayne, Ind.-----	WOWO, WGL
Colorado Springs, Colo.-----	Fort Worth, Texas-----	KTAT, KFJZ, WBAP.
Columbia, Mo.-----	Freeport, N. Y.-----	WGBB
Columbia, S. C.-----	Fresno, Calif.-----	KMJ
Columbus, Ga.-----	Gadsden, Ala.-----	WJBY
Columbus, Ohio-----	Gainesville, Fla.-----	WRUF
WEAO, WSEN.	Galveston, Texas-----	KLUF
Connersville, Ind.-----	Gary, Ind.-----	WIND
Corpus Christi, Texas-----	Gastonia, N. C.-----	WSOC
Corvallis, Oreg.-----	Glendale, Calif.-----	KIEV
Council Bluffs, Iowa-----	Glenside, Pa.-----	WIBG
Covington, Ky.-----	Grand Forks, N. Dak.-----	KFJM
Culver City, Calif.-----	Grand Junction, Colo.-----	KFXJ
Cumberland, Md.-----	Grand Rapids, Mich.-----	WASH, WOOD
Dallas, Texas-----	Grant City, Mo.-----	KGIZ
Danville, Va.-----	Greeley, Colo.-----	KFKA
Dayton, Ohio-----	Great Falls, Mont.-----	KFBB
Decatur, Ill.-----	Green Bay, Wis.-----	WHBY
Decorah, Iowa-----	Greensboro, N. C.-----	WBIG
Denver, Colo.-----	Greenville, Miss.-----	WKFI
KFXX, KLZ.	Greenville, N. C.-----	WEED
Des Moines, Iowa-----	Greenville, S. C.-----	WFBC
Detroit, Mich.-----	Greenville, Texas-----	KFPM
WJR, WXYZ.	Grove City, Pa.-----	WSAJ
Devils Lake, N. Dak.-----	Gulfport, Miss.-----	WGCM
Dodge City, Kans.-----	Hagerstown, Md.-----	WJEJ
Dublin, Texas-----	Hammond, Ind.-----	WWAE
Eau Claire, Wis.-----	Harlingen, Texas-----	KRGV
El Centro, Calif.-----	Harrisburg, Ill.-----	WEBQ
Elk City, Okla.-----	Harrisburg, Pa.-----	WBAK, WCOD, WHP.
Elkhart, Ind.-----	Hartford, Conn.-----	WDRC, WTIC
Elmira, N. Y.-----	Hattiesburg, Miss.-----	WPFB
El Paso, Texas-----	Hazleton, Pa.-----	WAZL
Emory, Va.-----	Hilo, Hawaii-----	KWV
Enid, Okla.-----	Hollywood, Calif.-----	KFWB
Erie, Pa.-----	Honolulu, Hawaii-----	KGU, KGMB
Eugene, Oreg.-----	Hopkinsville, Ky.-----	WTFV
Eureka, Calif.-----		

Hudson Falls, N. Y.	WGLC	Little Rock, Ark.	KLRA, KGHI, KARK.
Huron, S. D.	KG DY	Long Beach, Calif.	KFOX, KGER
Hot Springs, Ark.	KTHS	Los Angeles, Calif.	KFI, KFSG, KGFJ, KECA, KHJ, KFAC, KTM, KRKD, KMTR, KNX.
Houston, Texas	KPRC, KTRH, KXYZ	Louisville, Ky.	WHAS, WLAP
Huntington, W. Va.	WSAZ	Lubbock, Texas	KFYO
Huntsville, Ala.	WBHS	Lowell, Ariz.	KSUN
Idaho Falls, Idaho	KID	Ludington, Mich.	WKBZ
Indianapolis, Ind.	WFBM, WJED, WKBF	Lynchburg, Va.	WLVA
Iowa City, Iowa	WSUI	Macon, Ga.	WMAZ
Ironwood, Mich.	WJMS	Madison, Wis.	WHA, WIBA
Ithaca, N. Y.	WLCL	Manchester, N. H.	WFBA
Jackson, Mich.	WIBM	Mandan, N. Dak.	KGCU
Jackson, Miss.	WJDX	Manhattan, Kans.	KSAC
Jackson, Tenn.	WTJS	Manitowoc, Wis.	WOMT
Jacksonville, Fla.	WJAX	Marquette, Mich.	WBEO
Jamestown, N. Y.	WOCL	Marshalltown, Iowa	KFJB
Jefferson City, Mo.	WOS	Marshfield, Oreg.	KOOS
Janesville, Wis.	WCLO	Medford, Oreg.	KMED
Jerome, Ariz.	KCRJ	Memphis, Tenn.	WGBC, WHBQ, WMC, WNBR, WREC, WOAN.
Jersey City, N. J.	WHOM, WAAT	Meridian, Miss.	WCOC
Johnstown, Pa.	WJAC	Miami, Fla.	WMBF, WIOD, WQAM
Joliet, Ill.	WCLS, WKBB	Milwaukee, Wis.	WHAD, WTMJ, WISN.
Joplin, Mo.	WMBH	Minneapolis, Minn.	WDGY, WCCO, WRHM.
Juneau, Alaska	KIFH	Minot, N. D.	KLPM
Kalamazoo, Mich.	WKZO	Mississippi City, Miss.	WGCM
Kalispell, Mont.	KGEZ	Missoula, Mont.	KGVO
Kansas City, Mo.	KWKC, WDAF, WLBF, WHB, WOQ, KMBC.	Mobile, Ala.	WODX
Kearney, Nebr.	KGFV	Monroe, La.	KMLB
Ketchikan, Alaska	KGBU	Montgomery, Ala.	WSFA
Klamath Falls, Oreg.	KFJI	Moorhead, Minn.	KGFK
Knoxville, Tenn.	WFBC, WNOX, WROL.	Mooseheart, Ill.	WJJD
Kosciusko, Miss.	WHEF	Mt. Orab, Ohio	WHBD
La Crosse, Wis.	WKBH	Muncie, Ind.	WLBC
Lafayette, Ind.	WBAA	Nampa, Idaho	KFXD
LaGrange, Ga.	WKEU	Nashville, Tenn.	WLAC, WSM
Lamar, Colo.	KIDW	Needham, Mass.	WBSO
Lancaster, Pa.	WGAL, WKJC	Newark, N. J.	WAAM, WGCP, WOR
Lansing, Mich.	WKAR	New Bedford, Mass.	WNBH
Lapeer, Mich.	WMPG	New Orleans, La.	WBBX, WDSU, WJBO, WJBW, WSMB, WWL.
La Salle, Ill.	WJBC	Newport News, Va.	WGHH
Las Vegas, Nev.	KGIX	New York, N. Y.	WABC, WBOQ, WBNX, WQAO, WEVD, WFAF, WINS, WFAB, WHAP, WHN, WJZ, WLWL, WMCA, WMSG,
Laurel, Miss.	WAML		
Lawrence, Kans.	KFKU, WREN		
Lewisburg, Pa.	WKOK		
Lexington, Mass.	WLEY		
Lincoln, Nebr.	KFAB, KFOR		

WNYC, WOV, WPAP, WRNY, WCDA.	Richmond, Va.-----WBBL, WMBG, WRVA.
Norfolk, Neb.-----WJAG	Roanoke, Va.-----WDBJ, WRBX
Norfolk, Va.-----WPOR, WTAR	Rochester, N. Y.-----WABO, WHAM, WHEC.
Norman, Okla.-----WNAD	Rockford, Ill.-----KFLV
Northfield, Minn.-----WCAL	Rock Island, Ill.-----WHBF
North Platte, Nebr.-----KGNF	Rome, Ga.-----WFDV
Oakland, Calif.-----KLS, KLX, KTAB, KROW.	Roswell, N. Mex.-----KGFJ
Ogden, Utah-----KLO	Royal Oak, Mich.-----WEXL
Oglethorpe University, Ga.-----WJTL	Rutland, Vt.-----WSYB
Oklahoma City, Okla.-----KDMA, KFXR, KGFJ, WKY.	Sacramento, Calif.-----KFBK
Olympia, Wash.-----KGY	Salt Lake City, Utah-----KDYL, KSL
Omaha, Nebr.-----WAAW, WOW	San Angelo, Texas-----KGKL
Orlando, Fla.-----WDBO	San Antonio, Texas-----KTSA, WOAI, KMAC, KONO, KABC.
Ottumwa, Iowa-----WIAS	San Bernardino, Calif.-----KFXM
Paducah, Ky.-----WPAD	San Diego, Calif.-----KGB, KFSD
Paragould, Ark.-----KBTM	San Francisco, Calif.-----KFRC, KFWI, KGGC, KJBS, KPO, KYA, KGO, KTAB.
Pasadena, Calif.-----KPPC	San Juan, P. R.-----WKAQ
Paterson, N. J.-----WODA	San Jose, Calif.-----KQW
Pawtucket, R. I.-----WPAW	Santa Ana, Calif.-----KREG
Pensacola, Fla.-----WCOA	Santa Barbara, Calif.-----KDB
Peoria, Ill.-----WMBD	Saranac Lake, N. Y.-----WNBZ
Petersburg, Va.-----WPHR	Savannah, Ga.-----WTOC
Philadelphia, Pa.-----WCAU, WFI, WHAT, WIP, WLIT, WRAX, WDAS, WTEL, WPEN.	Schenectady, N. Y.-----WGY
Phoenix, Ariz.-----KOY, KTAR	Scottsbluff, Nebr.-----KGKY
Pierre, S. Dak.-----KGFJ	Scranton, Pa.-----WQAN, WGBI
Pittsburgh, Pa.-----KDKA, KQV, WCAE, WJAS, WWSW.	Seattle, Wash.-----KOL, KJR, KOMO, KPCB, KRSC, KTW, KVL, KXA.
Pocatello, Idaho-----KSEI	Shawnee, Okla.-----KGFJ
Ponca City, Okla.-----WBBZ	Sheboygan, Wis.-----WHBL
Portland, Me.-----WCSH	Shenandoah, Iowa-----KFNF, KMA
Portland, Oreg.-----KEX, KFJR, KPBS, KGW, KOIN, KALE, KWJJ, KXL	Shreveport, La.-----KRMD, KWEA, KWKH, KTBS.
Portsmouth, N. H.-----WHBB	Sioux City, Iowa-----KSCJ
Poynette, Wis.-----WIBU	Sioux Falls, S. Dak.-----KSOO
Prescott, Ariz.-----KPJM	South Bend, Ind.-----WSBT, WFAM
Presque Isle, Me.-----WAGM	South Coffeyville, Okla.-----KGGF
Providence, R. I.-----WEAN, WJAR, WPRO, WPAW.	Spartanburg, S. C.-----WSPA
Pueblo, Colo.-----KGFJ	Spokane, Wash.-----KHQ, KFIO, KFPY, KGA.
Pullman, Wash.-----KWSC	Springfield, Ill.-----WTAX, WCBS
Quincy, Ill.-----WTAD	Springfield, Mass.-----WMAS
Racine, Wis.-----WRJN	Springfield, Mo.-----KGBX
Raleigh, N. C.-----WPFT	Springfield, Tenn.-----WSIX
Rapid City, S. Dak.-----WCAT	Springfield, Vt.-----WNBX
Reading, Pa.-----WEEU, WRAW	St. Albans, Vt.-----WQDM
Red Bank, N. J.-----WJBI	St. Joseph, Mo.-----KFEQ
Reno, Nev.-----KOH	St. Louis, Mo.-----KMOX, KSD, KWK, WEW, WIL.
	St. Paul, Minn.-----WLB, WGMS, KSTP
	Stevens Point, Wis.-----WLBL
	Stockton, Calif.-----KGDM, KWG

Storrs, Conn.-----WCAC
 Superior, Wis.-----WEBC
 Syracuse, N. Y.-----WFBL, WSYR,
 WMAC.
 Tacoma, Wash.-----KMO, KVI
 Tallmadge, Ohio-----WADC
 Tampa, Fla.-----WDAE, WMBR
 Terre Haute, Ind.-----WBOW
 Texarkana, Ark.-----KCMC
 Thomasville, Ga.-----WQDX
 Toledo, Ohio-----WSPD
 Topeka, Kans.-----WIBW
 Trenton, N. J.-----WTNJ
 Trinidad, Colo.-----KGIW
 Troy, Ala.-----WHET
 Troy, N. Y.-----WHAZ
 Tucson, Ariz.-----KOCW, KVOA, KGAR
 Tulsa, Okla.-----KVOO
 Tupelo, Miss.-----WJEM
 Tupper Lake, N. Y.-----WHDL
 Tuscola, Ill.-----WDZ
 Twin Falls, Idaho.-----KTFI
 Tyler, Texas.-----KGKB
 Urbana, Ill.-----WILL
 Utica, N. Y.-----WIBX
 Vermilion, S. Dak.-----KUSD
 Vicksburg, Miss.-----WQBC
 Waco, Texas.-----WACO
 Walla Walla, Wash.-----KUJ
 Washington, D. C.-----WMAL, WRC, WOL
 Washington, Pa.-----WNBO
 Waterbury, Vt.-----WDEV
 Waterloo, Iowa.-----WMT
 Watertown, S. D.-----KGCR
 Wenatchee, Wash.-----KPQ
 Wheeling, W. Va.-----WWVA
 White Plains, N. Y.-----WFAS
 Wichita, Kans.-----KFH
 Wichita Falls, Texas.-----KGKO
 Wilkes-Barre, Pa.-----WBAX, WBRE
 Williamsport, Pa.-----WRAK
 Wilmington, Del.-----WDEL, WILM
 Wilmington, N. C.-----WRAM
 Winston-Salem, N. C.-----WSJS
 Wolf Point, Mont.-----KGCX
 Woodside, N. Y.-----WURL
 Worcester, Mass.-----WEPS, WORC,
 WTAG.
 Yakima, Wash.-----KIT
 Yankton, S. Dak.-----WNAX
 York, Nebr.-----KGBZ
 Youngstown, Ohio.-----WKBN
 Yuma, Ariz.-----KUMA
 Yuma, Colo.-----KGEK
 Zanesville, Ohio.-----WALR
 Zarephath, N. J.-----WAWZ
 Zion, Ill.-----WCB D

Canadian Cities

Bowmanville, Ont.-----CKGW
 Brandon-----CKX
 Calgary, Alta.-----CFAC, CKLC, CJCJ
 Charlottetown, P. E. I.-----CFCY, CHCK
 Chatham, Ont.-----CFCO
 Chilliwack, B. C.-----CHWK
 Cobalt, Ont.-----CKMC
 Edmonton, Alta.-----CHMA, CJCA,
 CKUA.
 Fleming, Sask.-----CJRW
 Ft. Williams, Ont.-----CKPR
 Fredericton, N. B.-----CFNB
 Halifax, N. S.-----CHNS
 Hamilton, Ont.-----CHML, CKOC, CKTB
 Kamloops, B. C.-----CFJC
 Kelowna, B. C.-----CKOV
 King, York Co., Ont.-----CFRB
 Kingston, Ont.-----CFRC
 Lethbridge, Alta.-----CJOC
 Moncton, N. B.-----CRCA
 Montreal, P. Q.-----CFCF, CKAK
 Moose Jaw, Sask.-----CJRM
 North Bay, Ont.-----CFCH
 Ottawa, Ont.-----CKCO, CRCO
 Port Arthur, Ont.-----CKPR
 Prescott, Ont.-----CFLC
 Preston-----CKPC
 Quebec, P. Q.-----CHRC, CKCV
 Red Deer, Alta.-----CKCC, CHCT
 Regina, Sask.-----CHWC, CKCK
 St. Hyacinthe, P. Q.-----CKAC, CHYC
 St. John, N. B.-----CFBO
 Saskatoon, Sask.-----CFQC
 Sea Island, B. C.-----CJOR
 Strathmore, Alta.-----CFCN
 Summerside, P. E. I.-----CHGS
 Sydney, N. S.-----CJCB
 Toronto, Ont.-----CFCA, CFCL, CKCL,
 CKGW, CFRB, CKNC.
 Vancouver, B. C.-----CKCD
 CKFC, CRCV, CKMO, CJOR.
 Victoria, B. C.-----CFCT
 Waterloo, Ont.-----CKCR
 Windsor, Ont.-----CKLW
 Winnipeg, Man.-----CKY, CJGX, CJRW
 Wolfville, N. S.-----CKIC
 Yorktown, Sask.-----CJGX

Short-Wave Broadcasting Stations of The World

Freq. Kc.	Wave Length M.	Call Letters	Power	Location	Owner
2142	140.0	----	500	Samarang, N. E. I.	Nederlandsche Indische Vereeniging voor Radio Telegraphie
3446	87.0	----	2500	Haiphong, F. I. China	Soc. Industrielle d'Exportation en Extreme Orient
3750	80.0	I2RO	14000	Rome, Italy	Radio I2RO
3998	77.5	PK1AA	500	Batavia, N. E. I.	Bataviasche Radio Vereeniging
4262	70.4	F8GC	1500	Paris, France	Cie. Nacional de Radio Diffusion
4273	70.2	RW54	20000	Kharbarovsk, Russia	Commissariat du Peuple des Postes, Telegraphes et Telephones
4776	62.8	ZL2XX	----	Wellington, N. Z.	
5169	58.02	OK1MPI	2000	Prague, Cz-Slav.	Elektra Co.
5170	58.03	IBR	1000	Bandoeng, N. E. I.	Bandoeng Radio Club
		----	15	Cali, Colombia	Enrique Otoya
5400	55.56	HAS-HAT	20000	Szekeveshervar, Hun.	Hungarian Brd. & Radio Corp.
5515	54.4	RW38	300	Moscow, Russia	Commissariat du Peuple des Postes, Telegraphes et Telephones
5552	54.	----	500	Tananarive, Madagascar	Radio Tananarive
5711	52.53	HC1JB	500	Quito, Ecuador	C. W. Jones
5857	51.25	XDA	20000	Mexico City, Mex.	Radio XDA
5879	51.	AIN	----	Casablanca, Morocco	
5937	50.54	HKD	50	Barranquilla, Colombia	Elias Pellet Ruitrago
5965	50.3	HVJ	10000	Vatican City	Holy See of the Roman Catholic Church
5996	50.1	PK2AF	500	Djokjakarta, N. E. I.	Vorstenlanden Radiovereeniging

Freq. Kc.	Wave Length M.	Call Letters	Power	Location	Owner
6000	50.0	RW59	20000	Moscow, Russia	Commissariat du Peuple des Postes, Telegraphes et Telephones
		ZL3ZC	250	Christ Church, N. Z.	3ZC Brd. Service
		VQ7LO	1000	Nairobi, Kenya	British East African Brd. Co.
6005	49.95	VE9DN	----	Montreal, Que.	Canadian Marconi Co.
		VE9DR	----	Montreal, Que.	Canadian Marconi Co.
		HRB	2300	Tegucigalpa, Honduras	Tropical Radio Tel. Co.
6015	49.88	VE9CX	----	Wolfville, N. S.	Acadia University
6030	49.75	VE9CA	----	Calgary, Alta.	Western Brd. Co., Ltd.
6040	49.67	W4XB	2500	Miami, Fla.	Isle of Dreams Brd. Co.
		W1XAL	5000	Boston, Mass.	Worldwide Brd. Corp.
		PK3AN	----	Soerabaya, N.E.I.	Surabaya Rad. Assn.
6045	49.62	----	----	Tandjong Priok, N. E. I.	Radio Tand- jong Priok
6045	50.62	----	----	Daventry, England	British Brd. Corp.
6050	49.59	VE9CF	----	Halifax, N. S.	Wm. C. Borrett
6057	49.55	OXO-OXZ	500	Copenhagen, Denmark	Director General des Postes et Telegraphs
6060	49.50	W3XAU	1,000	Philadelphia, Pa.	WCAU Brd. Co.
		W8XAL	10000	Cincinnati, O.	Crosley Radio Corp.
		CMDI	500	Marianao, Cuba	J. F. DeCastro
6070	49.42	VE9CS	50	Vancouver, B. C.	United Ch. of Can.
6080	49.34	VE9EH	----	Charlottetown, P. E. I.	Island Radio Brd. Co.
		W9XAA	500	Chicago, Ill.	Chicago Fed. of Labor
6090	49.26	VE9BJ	----	St. John, N. B.	C. A. Munro, Ltd.
6095	49.21	VE9GW	28	Toronto, Ont.	Gooderham & Worts, Ltd.
6097	49.20	YV14BC	7½	Caracas, Venezuela	Prudencio Ami- tesarove
6098	49.20	ZTJ	5000	Johannesburg, U. of S. Afr.	African Brd. Co., Ltd.
6100	49.18	W3XAL	35000	New York, N. Y.	Nat'l Brd. Co.
		W9XF	5000	Chicago, Ill.	Nat'l Brd. Co.
6110	49.10	VE9CG	----	Calgary, Alta.	Calgary Herald, Ltd.
6114	49.05	VUB	3000	Bombay, India	Indian Brd. Co., Ltd.
6119	49.1	F31CD	----	Saigon, French Indo-China	Cie. Franco-Indochinois de Radiophonie

Freq. Kc.	Wave Length M.	Call Letters	Power	Location	Owner
6120	49.02	W2XE	5000	New York, N. Y.	Atlantic Brd. Co.
6124	48.98	EAR25	----	Barcelona, Spain	Radio EAR25
		FL	40000	Paris, France,	"Tour Eiffel"
6128	48.97	YV11BMO	20	Maracaibo, Venezuela	Pedro Bermudez
6130	48.94	VE9BA	----	Moncton, Que.	Canadian Nat'l Rys.
6134	48.90	VQ7LO	1,000	Nairobi, Kenya	British East African Brd. Co.
6140	48.86	W8XK	40000	Pittsburgh, Pa.	West'house E. & M. Co.
6150	48.78	VE9CL	----	Middlechurch, Man.	Jas. Richardson & Sons
6160	48.70	HKA	50	Barranquilla, Colombia	Jesus Amortegui
6170	48.62	HRB	2300	Tegucigalpa, Honduras	Tropical Radio Telegraph Co.
6379	48.7	HC1DR	----	Quito, Ecuador	Ecuadorean Gover'm't
6420	46.73	RW62	100	Minsk, Russia	Commissariat du Peuple des Postes, Telegraphes et Telephones
6662	45.07	PK3CH	250	Soerabaya, N. E. I.	Nederlandsche Indische Vereeniging voor Radio Telegraphie
6663	45.06	HKM	50	Bogota, Colombia	Roberto Jaramillo
6667	45.02	F8KR	200	Algiers, Alg.	Radio F8KR
		I1AX	----	Rome, Italy	Ente Italiano Audizione Radiofonica
		XFD	50	Mexico City, Mex.	Secretaria de Comunicaciones y Obras Publicas
6722	44.60	VRY	200	Georgetown, British Guiana	Radio Station VRY
6800	44.0	V08A	----	St. Johns, Newfoundland	E. Ash.
6818	44.02	XDA	20000	Mexico City, Mex.	
6840	43.86	HAS-HAT	20000	Szekevehervar, Hungary	Hungarian Brd. & Radio Corp.
6875	43.63	F8MC	----	Casablanca, Morocco	
6877	43.61	----	2000	"Radio Maroc" Rabat, Morocco	Government
6976	43.00	EAR100	----	Madrid, Spain	
6995	42.9	CT1AA	2000	Lisbon, Port.	A. Nunes dos Santos
7000	42.86	CM2LA	250	Havana, Cuba	Enrique La Santa
7025	42.78	EAR125	----	Madrid, Spain	EAR125

Freq. Kc.	Wave Length M.	Call Letters	Power	Location	Owner
7055	42.50	VS3AB	----	Johore Bharu Station VS3AB	British Malaya--Radio
7139	42.03	HKT VS1AD	25 ----	Manizales, Colombia Singapore, Straits Settlem'ts Yates	Roberto Vaena V. E. C.
7180	41.78	HKB	50	Tunja, Colombia	Pompilio Sanchez
7184	41.76	CM2MK	100	Havana, Cuba	R. V. Waters
7211	41.62	EAR58	500	Teneriffe, Canary Islands de Teneriffe	Club Radio
7225	41.58	HJ3ABD	100	Bogota, Colombia	Alford Radio Insti- tute de Comercio, Idiones y Radio
7259	41.33	HKJ	15	Cali, Colombia	Antonio Varona
7260	41.32	VS1AB	----	Singapore Straits Settlement Singapore Harbor Commission	Singapore
7300	41.10	HSP2	2500	Bangkok, Siam	Royal Post & Tele. Dept.
		TGW	150	Guatemala City, Guatemala	Radiodi- fusion Nacional
		CM6DW	10	Cienfuegos, Cuba	Eduardo Terry
7313	41.06	HKS	15	Cali, Colombia	Gregorio Vergara
7317	41.00	----	2000	"Radio Vitus" Paris, France	P. Vitus
7463	40.19	YR	500	Lyons, France	Petit Parisien
7500	39.6	HSP2	----	Bangkok, Siam	Royal Post & Tel. Dept.
7527	39.86	HKF	50	Bogota, Colombia	Laboratorio Radio Electrico
7538	39.28	HC1FG	50	Riobamba, El Prado, Ecuador	Carlos Cordovez
7616	39.40	X26A	----	Nuevo Laredo, Mex.	Radio X26A
7890	38.02	PK2AG	----	Semarang, N. E. I. Midden Java	Radio Vereeniging
7890	38.02	HC1SC	7½	Quito, Ecuador	Gyllermo Callisto
8200	36.6	JCS	----	Chosi, Japan	Radio JCS
8565	34.62	HAS- HAT	20000	Szokesvehervar, Hungary	Hungarian Brd. and Radio Corp.
8660	34.6	JOC	----	Nemoro, Japan	Radio JOC
8860	33.9	JHL	----	Horomushiro, Japan	Radio JHL
9091	30.02	XFD	50	Mexico City, Mex.	Secretaria de Comunicaciones y Obras Publicas
9110	33.30	SUS	----	Cairo, Egypt	
9125	33.33	HAS- HAT	20000	Szokesvehervar, Hungary	Hungarian Brd. and Radio Corp.
9330	32.26	----	6	"Radio Maroc" Rabat, Morocco	

Freq. Kc.	Wave Length M.	Call Letters	Power	Location	Owner
9338	32.13	CMAF	100	Los Andes, Chile	Ladislao Larrain Hnos.
9360	32.05	CM2MK	100	Havana, Cuba	R. V. Waters
9375	31.99	XDA	20000	Mexico City, Mex.	Radio XDA
9410	31.88	PLE	30	Bandoeng, N. E. I.	Government Radio Laboratory
9488	31.62	OXO- OXZ	500	Copenhagen, Denmark	Director General des Postes et Telegraphes
9530	31.81	W2XAF	40000	Schenectady, N. Y.	General Electric Company
9555	31.40	VE9DR	----	Montreal, Que.	Canadian Marconi Co.
9560	31.38	----	30000	Berlin, Germany	Deutsche Welle G. M. B. H.
		TIRC	30	San Jose, Costa Rica	Radio Station TIRC
9570	31.35	W1XAZ	10000	Springfield, Mass.	Westinghouse E. & M. Co.
		W8XX	40000	Pittsburgh, Pa.	Westinghouse E. & M. Co.
9579	31.33	----	----	Tandjong Priok, N. E. I.	Radio Tand- jong Priok
9580	31.32	VE9DN	----	Montreal, Que.	Canadian Marconi Co.
9590	31.28	VK2ME PCJ	----	Sydney, Australia	2KME Broadcast'g Hilversun, Netherlands
		W2XAU	1000	Philadelphia, Pa.	WCAU Brd. Co.
9616	31.20	VQ7LO	1000	Nairobi, Kenya	British East African Brd. Co.
9672	31.67	TI4NRH	75	San Jose, Costa Rica	Amando Ces- pedes Marin
9772	30.70	EAM	----	Madrid, Spain	Radio Madrid EAM
9810	30.58	LSOR	----	Buenos Aires, Arg.	Radio Brd. LSOR
9836	30.50	----	1500	Poznan, Poland	Polskie Radjo
10000	30.00	----	2500	Belgrade, Yugoslavia	Radio D. D.
10330	28.50	VK2ME	----	Sydney, Australia	2ME Broadcasting
10350	28.89	LSX	20000	Buenos Aires, Argentina	
10710	28.01	CT1BO F8MC	150	Lisbon, Portugal	Hertziana Ltda. Casablanca, Morocco
10990	27.30	ZLW	----	Wellington, New Zealand	Brdcstg. Station ZLW
11111	27.00	XFD	50	Mexico City, Mex.	Secretaria de Comunicaciones y Obras Publicas

Freq. Kc.	Wave Length M.	Call Letters	Power	Location	Owner
11308	25.52	FYA	----	Pontoise, Paris, France	Ministere des Postes Telegraphes et Telephones
11705	25.63	VE9BA	----	Moncton, Que.	Canadian Nat'l Rys.
11712	25.61	HKN	50	Medellin, Colombia	Santiago Gaviria
11720	25.60	VE9JR	----	Middlechurch, Man.	Jas. Richardson & Sons
11750	25.53	----	12000	Chelmsford, England	British Brd. Co.
11763	25.50	XDA	20000	Mexico City, Mex.	Radio XDA
11780	25.47	VE9DR	----	Montreal, Que.	Canadian Marconi Co.
11790	25.45	W1XAL	5000	Boston, Mass.	Worldwide Brd. Corp.
		TITR	----	San Jose, Costa Rica	Perry Girton
11810	25.40	VE9GW	----	Toronto, Ont.	Gooderham & Worts, Ltd.
		I2RO	14000	Rome, Italy	Ente Italiano Audizione Radiofonica
11830	25.36	W2XE	5000	New York, N. Y.	Atlantic Brd. Co.
		W9XAA	500	Chicago, Ill.	Chicago Fed. of Labor
11860	25.30	VE9CA	----	Calgary, Alta.	Western Brd. Co., Ltd.
11870	25.27	VUC	3000	Calcutta, India	Indian Brd. Co., Ltd.
		W8XK	40000	Pittsburgh, Pa.	Westinghouse E. & M. Co.
11895	25.22	VE9DN	----	Montreal, Que.	Canadian Marconi Co.
11899	25.21	FYA	----	Pontoise, Paris, France	Ministere des Postes Telegraphes et Telephones
11993	25.01	PK6KZ	500	Makassar, N. E. I.	Makassar Radio Club
12000	24.90	FZG	----	Saigon, French Indo China	Rad. FZG
12010	24.51	FZR	----	Saigon, French Indo China	Rad. FZR
12499	24.11	HKK	15	Cali, Colombia	Miguel A. Rives
12830	23.38	----	6000	Rabat, Morocco	"Radio Maroc"
13200	22.73	TGX	50	Guatemala City, Guatemala	Sr. Novales
13685	21.92	HAS- HAT	20000	Szekeveshervar, Hungary	Hungarian Brd. & Radio Corp.
13950	21.51	YO1	----	Bucharest, Rumania	Institut Electro- technique Universitarie
14000	21.43	TI4NRH	75	San Jose, Costa Rica	Amando Ces- pedes Marin
14300	20.98	TGW	150	Guatemala City, Guatemala	Radiodi- fusion Nacional

Freq. Kc.	Wave Length M.	Call Letters	Power	Location	Owner
14420	20.80	VPD	----	Suva, Fiji	Amalgamated Wireless Telegraph Co. of Australia
14630	20.51	XDA	20000	Mexico City, Mex.	Radio XDA
15112	19.85	HVJ	10000	Vatican City	Holy See of the Roman Catholic Church
15190	19.75	VE9BA	----	Moncton, Que.	Canadian Nat'l Rys.
15210	19.72	W8XK	40000	Pittsburgh, Pa.	Westinghouse E. & M. Co.
15235	19.69	FYA	----	Pontoise, Paris, France	Ministere des Postes, Telegraphes et Telephones
15250	19.67	W1XAL	5000	Boston, Mass.	Worldwide Brd. Corp.
15270	19.64	W2XE	5000	New York, N. Y.	Atlantic Brd. Co.
15300	19.61	OXO- OXZ	500	Copenhagen, Den.	Director General des Postes et Telegraphs
15330	19.57	W2XAD	25000	Schenectady, N. Y.	General Elec. Co.
15336	19.56	----	----	Tandjong Priok, N. E. I.	Radio Tand- jong Priok
17130	17.51	HAS- HAT	20000	Szekesvehervar, Hungary	Hungarian Brd. & Radio Corp.
17640	17.00	PLF	----	Batavia, N. E. I.	Government
17775	16.88	PHI	40000	Huizen, Netherlands	N. V. Philips Radio Works
17780	16.87	W3XAL	35000	New York, N. Y.	Nat'l Brd. Co.
		W8XK	40000	Pittsburgh, Pa.	Westinghouse E. & M. Co.
		W9XAA	500	Chicago, Ill.	Chicago Fed. of Labor
		W9XF	5000	Chicago, Ill.	Nat'l Brd. Co.
18860	15.90	PLE	30	Bandoeng, N. E. I.	Government Radio Laboratory
20000	15.00	TICR	75	San Jose, Costa Rica	Gobierno de Costa Rica
21460	13.97	W1XAL	5000	Boston, Mass.	Worldwide Brd. Corp.
21540	14.60	W8XK	40000	Pittsburgh, Pa.	Westinghouse E. & M. Co.
24380	12.30	VE9GW	----	Toronto, Ont.	Gooderham & Worts, Ltd.
51724	5.80	RW61	750	Moscow, Russia	Commissariat du Peuple des Postes, Telegraphes et Telephones
59964	5.01	PK4PA	240	Palembang, N. E. I.	Nederlandsche Indische Maatschappij
61820	4.90	RUDK	----	Shanghai, China	Jimmy's Rad. Station

American Broadcasting Stations

Alphabetical By Call Letters

Station	K. C.	Watts	Location and Owner	
KABC	1420	100	San Antonio, Tex.	Alamo Brdcastg. Corp.
KALE	1300	500	Portland, Oreg.	KALE, Inc.
KARK	890	250	Little Rock, Ark.	Ark. Radio & Equip. Co.
KASA	1210	100	Elk City, Okla.	E. M. Woody
KBPS	1420	100	Portland, Oreg.	Benson Polytechnic School
KBTM	1200	100	Paragould, Ark.	W. J. Beard
KCMC	1420	100	Texarkana, Ark.	North Miss. Brdcastg. Corp.
KCRC	1370	100	Enid, Okla.	Enid Radiophone Co.
KCRJ	1310	100	Jerome, Ariz.	Chas. C. Robinson
KDB	1500	100	Santa Barbara, Calif.	Santa Barbara Broadcasters, Ltd.
KDFN	1440	500	Casper, Wyo.	Donald Lewis Hathaway
KDKA	980	50000	Pittsburgh, Pa.	Westinghouse E. & M. Co.
KDLR	1210	100	Devils Lake, N. Dak.	KDLR, Inc.
KDYL	1290	1000	Salt Lake City, Utah	Intermountain Brd. Corp.
KECA	1430	1000	Los Angeles, Calif.	Earle C. Anthony, Inc.
KELW	780	500	Burbank, Calif.	Magnolia Park, Ltd.
KERN	1200	100	Bakersfield, Calif.	Bee Bakersfield Brdcastg. Co.
KEX	1180	5000	Portland, Oreg.	Oregonian Publishing Co.
KFAB	770	5000	Lincoln, Nebr.	KFAB Broadcasting Co.
KFAC	1300	1000	Los Angeles, Calif.	Los Angeles Brd. Co.
KFBB	1280	1000	Great Falls, Mont.	Buttrey Broadcast, Inc.
KFBI	1050	5000	Abilene, Kans.	Farmers & Bankers Life Ins. Co.
KFBK	1310	100	Sacramento, Calif.	James McClatchy Co.
KFBL	1370	50	Everett, Wash.	Leese Bros.
KFDM	560	500	Beaumont, Tex.	Sabine Brdcastg. Co., Inc.
KFDY	550	1000	Brookings, S. Dak.	S. Dak. State College
KFEL	920	500	Denver, Colo.	Eugene P. O'Fallon, Inc.
KFEQ	680	2500	St. Joseph, Mo.	Scroggin & Co. Bank
KFGQ	1310	100	Boone, Iowa	Boone Biblical College

Station	K. C.	Watts	Location and Owner	
KFH	1300	1000	Wichita, Kans.	Radio Station KFH Co.
KFI	640	50000	Los Angeles, Calif.	Earle C. Anthony, Inc.
KFIO	1120	100	Spokane, Wash.	Spokane Brdcstg. Corp.
KFIZ	1420	100	Fond du Lac, Wis.	The Reporter Printing Co.
KFJB	1200	100	Marshalltown, Iowa	Marshall Elec. Co., Inc.
KFJI	1210	100	Klamath Falls, Oreg.	KFJI Broadcasters, Inc.
KFJM	1370	100	Grand Forks, N. Dak.	University of N. Dak.
KFJR	1300	500	Portland, Oreg.	Ashley C. Dixon, KFJR, Inc.
KFJZ	1370	100	Ft. Worth, Tex.	Ft. Worth Broadcasters, Inc.
KFKA	880	500	Greeley, Colo.	Mid-Western Radio Corp.
KFKU	1220	500	Lawrence, Kans.	University of Kansas
KFLV	1410	500	Rockford, Ill.	Rockford Broadcasters, Inc.
KFNF	890	500	Shenandoah, Iowa	Henry Field Co.
KFOR	1210	100	Lincoln, Nebr.	Cornbelt Brdcstg. Co.
KFOX	1250	1000	Long Beach, Calif.	Nicholas & Warriner, Inc.
KFPL	1310	100	Dublin, Tex.	C. C. Baxter
KFPM	1310	15	Greenville, Tex.	The New Furniture Co.
KFPW	1210	100	Ft. Smith, Ark.	Southwestern Hotel Co.
KFPY	1340	1000	Spokane, Wash.	Symons Broadcasting Co.
KFQD	600	250	Anchorage, Alaska	Anchorage Radio Club
KFRC	610	1000	San Francisco, Calif.	Don Lee Brdcstg. System
KFRU	630	500	Columbia, Mo.	KFRU, Inc.
KFSD	600	1000	San Diego, Calif.	Airfan Radio Corp., Ltd.
KFSG	1120	500	Los Angeles, Calif.	Echo Park Evang. Assn.
KFUO	550	500	Clayton, Mo.	Evangelical Lutheran Synod
KFVD	1000	250	Los Angeles, Calif.	Los Angeles Brdcstg. Co.
KFVS	1210	100	Cape Girardeau, Mo.	Hirsch Batt'y & Radio Co.
KFWB	950	1000	Hollywood, Calif.	Warner Bros. Brdcstg. Corp.
KFWI	930	500	San Francisco, Calif.	Radio Entertainm'ts, Inc.
KFXD	1200	100	Nampa, Idaho	Frank E. Hurt
KFXF	920	500	Denver, Colo.	Colorado Radio Corp.
KFXJ	1200	100	Grand Junction, Colo.	West. Slope Brdcstg. Co.
KFXM	1210	100	San Francisco, Calif.	Radio Entertainm'ts, Ltd.
KFXR	1310	100	Oklahoma City, Okla.	Exchange Av. Baptist Ch.
KFYO	1310	100	Lubbock, Texas	Kirksey Bros.
KFYR	550	1000	Bismarck, N. Dak.	Meyer Brdcstg. Co.
KGA	1470	5000	Spokane, Wash.	Louis Wasmer
KGAR	1370	100	Tucson, Ariz.	Tucson Motor Service Co.

Station	K. C.	Watts	Location and Owner	
KGB	1330	1000	San Diego, Calif.	Don Lee Brdcastg. System
KGBU	900	500	Ketchikan, Alaska	Al'ka Radio & Serv. Co., Inc.
KGBX	1310	100	Springfield, Mo.	KGBX, Inc.
KGBZ	930	500	York, Nebr.	Dr. George R. Miller
KGCA	1270	100	Decorah, Iowa	Chas. W. Greenley
KGCR	1210	100	Watertown, S. Dak.	The Greater Kampeska Radio Corporation
KGCU	1240	250	Mandan, N. Dak.	Mandan Radio Assn.
KG CX	1310	100	Wolfpoint, Mont.	E. E. Krebsbach
KGDE	1200	100	Fergus Falls, Minn.	Chas. L. Jaren
KGDM	1100	250	Stockton, Calif.	E. F. Peffer
KG DY	1200	100	Huron, S. Dak.	Voice of South Dakota
KGEK	1200	100	Yuma, Colo.	Elmer G. Beehler
KGER	1360	1000	Long Beach, Calif.	Consolidated Brdcastg. Corporation, Ltd.
KGEZ	1310	100	Kalispell, Mont.	Donald C. Treloar
KGFF	1420	100	Shawnee, Okla.	KGFF Brdcastg. Co., Inc.
KGFG	1370	100	Oklahoma City, Okla.	Okla. Brdcastg. Co., Inc.
KGFI	1500	100	Corpus Christi, Tex.	Eagle Brdcastg. Co., Inc.
KG FJ	1200	100	Los Angeles, Calif.	Ben S. McGlashan
KGFK	1500	100	Moorhead, Minn.	Red River Brdcastg. Co., Inc.
KGFL	1370	100	Roswell, N. Mex.	KGFL, Inc.
KGFW	1310	100	Kearney, Nebr.	Central Nebr. Brdcastg. Corp.
KGFX	630	200	Pierre, S. Dak.	Dana McNeil
KG GC	1420	100	San Francisco, Calif.	Golden Gates Brdcastg. Co.
KG GF	1010	500	Coffeyville, Kans.	H. J. Powell & S. Platz
KG GM	1230	250	Albuquerque, N. Mex.	N. Mex. Brdcastg. Co.
KG HF	1320	250	Pueblo, Colo.	Curtis P. Ritchie & Geo. J. Ikelman
KG HI	1200	100	Little Rock, Ark.	Lloyd Judd Co.
KG HL	950	1000	Billings, Mont.	Nw. Auto Supply Co., Inc.
KG IR	1360	500	Butte, Mont.	KGIR, Inc.
KG IX	1420	100	Trinidad, Colo.	Leonard E. Wilson
KG IZ	1500	100	Las Vegas, Nev.	J. M. Heaton
KG IW	1420	100	Grant City, Mo.	Grant City Park Corp.
KG KB	1500	100	Tyler, Tex.	East Texas Broadcasting Co.
KG KL	1370	100	San Angelo, Tex.	KGKL, Inc.
KG KO	570	250	Wichita Falls, Tex.	Wichita Falls Brdcastg. Co.
KG KY	1500	100	Scottsbluff, Nebr.	Hilliard Co., Inc.
KG MB	1320	250	Honolulu, Hawaii	Honolulu Brdcastg. Co.

Station	K. C.	Watts	Location and Owner	
KGNF	1430	500	North Platte, Nebr.	Great Plains Brdcstg. Co.
KGNO	1340	250	Dodge City, Kans.	Dodge City Brdcstg. Co., Inc.
KGO	790	7500	San Francisco, Calif.	Nat'l Brdcstg. Co., Inc.
KGRS	1410	1000	Amarillo, Tex.	E. B. Gish
KGU	750	2500	Honolulu, Hawaii	M. A. Mulrony, & Advertiser Pub. Co., Ltd.
KGVO	1200	100	Missoula, Mont.	Mosby's, Inc.
KGW	620	1000	Portland, Oreg.	Oregonian Pub. Co.
KGY	1210	100	Olympia, Wash.	KGY, Inc.
KHJ	900	1000	Los Angeles, Calif.	Don Lee Brdcstg. System
KHQ	590	1000	Spokane, Wash.	Louis Wasmer, Inc.
KICA	1370	100	Clovis, N. Mex.	Southwest Brdcstg. Co.
KICK	1420	100	Carter Lake, Iowa	Red Oak Radio Corp.
KID	1320	250	Idaho Falls, Idaho	KID Broadcasting Co.
KIDO	1350	1000	Boise, Idaho	Boise Broadcast Station
KIDW	1420	100	Lamar, Colo.	The Lamar Brdcstg. Co.
KIEM	1210	100	Eureka, Calif.	Harold H. Hanseth
KIEV	850	100	Glendale, Calif.	Cannon System, Ltd.
KIFH	1310	100	Juneau, Alaska	Juneau Brdcstg Co.
KIT	1310	100	Yakima, Wash.	Carl E. Haymond
KJBS	1070	100	San Francisco, Calif.	J. Brunton & Sons Co.
KJR	970	5000	Seattle, Wash.	Fishers Blend Station, Inc.
KLCN	1290	50	Blytheville, Ark.	Charles Leo Lintzenich
KLO	1400	500	Ogden, Utah	Interstate Brdcstg. Corp.
KLPM	1240	250	Minot, N. Dak.	John B. Cooley
KLRA	1390	1000	Little Rock, Ark.	Arkansas Broadcasting Co.
KLS	1440	250	Oakland, Calif.	Warner Bros.
KLUF	1370	100	Galveston, Tex.	George Roy Clough
KLX	880	1000	Oakland, Calif.	Tribune Building Co.
KLZ	560	1000	Denver, Colo.	Reynolds Radio Co., Inc.
KMA	930	500	Shenandoah, Iowa	May Seed & Nursery Co.
KMAC	1370	100	San Antonio, Tex.	W. W. McAllister
KMBC	950	1000	Kansas City, Mo.	Midland Brdcstg. Co., Inc.
KMED	1310	100	Medford, Oreg.	Mrs. W. J. Virgin
KMJ	580	500	Fresno, Calif.	James McClatchy Co.
KMLB	1200	100	Monroe, La.	Liner's Brdcstg. Station, Inc.

Station	K. C.	Watts	Location and Owner
KMMJ	740	1000	Clay Center, Nebr.-----The M. M. Johnson Co.
KMO	1330	250	Tacoma, Wash.-----KMO, Inc.
KMOX	1090	50000	St. Louis, Mo.-----Voice of St. Louis, Inc.
KMPC	710	500	Beverly Hills, Calif.-----Beverly Hills Brdcstg. Corp.
KMTR	570	500	Los Angeles, Calif.-----KMTR Radio Corp.
KNOW	1500	100	Austin, Tex.-----KUT Brdcstg. Corp.
KNX	1050	25000	Los Angeles, Calif.-----Western Broadcast Co.
KOA	830	12500	Denver, Colo.-----Nat'l Brdcstg. Co., Inc.
KOAC	550	1000	Corvallis, Oreg.-----Oregon State Agri. College
KOB	1180	10000	Albuquerque, N. Mex.-----Col. of Agr. & Mch. Arts.
KOCW	1400	250	Tulsa, Okla.-----J. T. Griffin
KOH	1380	500	Reno, Nev.-----The Bee, Inc.
KOIL	1260	1000	Council Bluffs, Iowa-----Mona Motor Oil Co.
KOIN	940	1000	Portland, Oreg.-----KOIN, Inc.
KOL	1270	1000	Seattle, Wash.-----Seattle Broadcasting Co., Inc.
KOMA	1480	5000	Oklahoma City, Okla.-----Nat'l Radio Mfg. Co.
KOMO	920	1000	Seattle, Wash.-----Fisher's Blend Station, Inc.
KONO	1370	100	San Antonio, Tex.-----Mission Brdcstg. Co.
KOOS	1370	100	Marshfield, Oreg.-----H. H. Hanseth, Inc.
KORE	1420	100	Eugene, Oreg.-----Eugene Broadcast Station
KOY	1390	500	Phoenix, Ariz.-----Nielsen Radio & Sport. Goods Co.
KPCB	650	100	Seattle, Wash.-----Queen City Brdcstg. Co.
KPJM	1500	100	Prescott, Ariz.-----Scott & Sturm
KPO	680	50000	San Francisco, Calif.-----Nat'l Brdcstg. Co., Inc.
KPOF	880	500	Denver, Colo.-----Pillar of Fire
KPPC	1210	50	Pasadena, Calif.-----Pasadena Pres. Church
KPQ	1500	100	Wenatchee, Wash.-----Wescoast Brdcstg. Co.
KPRC	920	1000	Houston, Tex.-----Houston Printing Co.
KQV	1380	500	Pittsburgh, Pa.-----KQV Brdcstg. Co.
KQW	1010	500	San Jose, Calif.-----Pacific Agri. Foundation, Ltd.
KRE	1370	100	Berkeley, Calif.-----First Congregational Church
KREG	1500	100	Santa Ana, Calif.-----The Voice of the Orange State Empire
KRGV	1260	500	Harlingen, Texas.-----KRGV, Inc.
KRKD	1120	500	Los Angeles, Calif.-----Fireside Brdcstg. Co.
KRLD	1040	10000	Dallas, Tex.-----KRLD Radio Corp.
KRMD	1310	100	Shreveport, La.-----Radio Station KRMD, Inc.

Station	K. C.	Watts	Location and Owner
KROW	930	500	Oakland, Calif.-----Educational Brdcstg. Corp.
KRSC	1120	100	Seattle, Wash.-----Radio Sales Corp.
KSAC	580	500	Manhattan, Kans.---Kansas State Agri. College
KSCJ	1330	1000	Sioux City, Iowa-----Perkins Bros. Co.
KSD	550	500	St. Louis, Mo.-----Pulitzer Pub. Co.
KSEI	900	250	Pocatello, Idaho-----Radio Service Corp.
KSL	1130	50000	Salt Lake City, Utah---Radio Serv. Corp. of Utah
KSO	1370	100	Des Moines, Iowa-----Iowa Broadcasting Co.
KSOO	1110	2500	Sioux Falls, S. Dak.---Sioux Falls Brdcstg. Assn.
KSTP	1460	10000	St. Paul, Minn.---National Battery Brdcstg. Co.
KSUN	1200	100	Lowell, Ariz.-----Cooper Elec. Co.
KTAB	560	1000	San Francisco, Calif. Associated Brdcsters., Inc.
KTAR	620	500	Phoenix, Ariz.-----KTAR Brdcstg. Co.
KTAT	1240	1000	Ft. Worth Tex.-----KTAT Broadcast Co.
KTBS	1450	1000	Shreveport, La.---Tri-State Brdcstg. System, Inc.
KTFI	1240	500	Twin Falls, Idaho-----Radio Brdcstg. Corp.
KTHS	1040	10000	Hot Springs, Ark.---Hot Spgs. Chamber of Com.
KTM	780	500	Los Angeles, Calif.---Pickwick Brdcstg. Corp.
KTRH	1120	500	Houston, Tex.-----KTRH Brdcstg. Co.
KTSA	1290	1000	San Antonio, Tex.-----Southwest Brdcstg. Co.
KTSM	1310	100	El Paso, Tex.-----Tri-State Brdcstg. Co., Inc.
KTW	1220	1000	Seattle, Wash.-----First Presbyterian Church
KUJ	1370	100	Walla Walla, Wash.-----KUJ, Inc.
KUMA	1420	100	Yuma, Ariz.-----Albert H. Schermann
KUOA	1260	1000	Fayetteville, Ark.-----KUOA, Inc.
KUSD	890	500	Vermillion, S. Dak.---University of South Dakota
KVI	570	500	Tacoma, Wash.---Puget Sound Brdcstg. Co., Inc.
KVL	1370	100	Seattle, Wash.-----KVL, Inc.
KVOA	1260	500	Tucson, Ariz.-----Arizona Brdcstg. Co.
KVOO	1140	5000	Tulsa, Okla.-----Southwestern Sales Corp.
KVOR	1270	1000	Colorado Springs, Colo.-----S. H. Patterson
KVOS	1200	100	Bellingham, Wash.-----KVOS, Inc.
KWCR	1420	100	Cedar Rapids, Iowa---Cedar Rapids Brdcst. Co.
KWEA	1210	100	Shreveport, La.-----Hello World Brdcstg. Corp.
KWFV	1210	100	Hilo, Hawaii-----Hilo Brdcstg. Co., Ltd.
KWG	1200	100	Stockton, Calif.---Portable Wireless Tel. Co., Inc.

Station	K. C.	Watts	Location and Owner
KWJJ	1060	500	Portland, Oreg.-----KWJJ Broadcast Co., Inc.
KWK	1350	1000	St. Louis, Mo.-----Thomas Patrick, Inc.
KWKC	1370	100	Kansas City, Mo.---Wilson Duncan Brdcastg. Co.
KWKH	850	10000	Shreveport, La.----Hello World Brdcastg. Corp.
KWLC	1270	100	Decorah, Iowa-----Luther College
KWSC	1220	1000	Pullman, Wash.-----State College of Wash.
KWWG	1260	500	Brownsville, Tex.-----Frank P. Jackson
KXA	760	250	Seattle, Wash.-----American Radio Tel. Co.
KXL	1420	100	Portland, Oreg.-----KXL Broadcasters
KXO	1500	100	El Centro, Calif.----E. R. Irey & F. M. Bowles
KXRO	1310	100	Aberdeen, Wash.-----KXRO, Inc.
KXYZ	1440	250	Houston, Tex.----Harris County Broadcast Co.
KYA	1230	1000	San Francisco, Calif.----Pacific Brdcastg. Corp.
KYW	1020	10000	Chicago, Ill-----Westinghouse E. & M. Co.
WAAB	1410	500	Boston, Mass.-----Bay State Brdcastg. Corp.
WAAF	920	500	Chicago, Ill.-----Drovers Journal Pub. Co.
WAAM	1250	1000	Newark, N. J.-----WODAAM Corporation
WAAT	940	500	Jersey City, N. J.---Bremer Broadcasting Corp.
WAAW	660	500	Omaha, Nebr.-----Omaha Grain Exchange
WABC-			
WBOQ	860	50000	New York, N. Y.---Atlantic Broadcasting Corp.
WABI	1200	100	Bangor, Maine-----First Universalist Society
WACO	1420	100	Waco, Tex.----Central Texas Brdcastg. Co., Inc.
WADC	1320	1000	Tallmadge, Ohio-----Allen T. Simmons
WAGM	1420	100	Presque Isle, Maine---Aroostook Brdcastg. Corp.
WAIU	640	500	Columbus, Ohio--Associated Radiocasting Corp.
WALR	1210	100	Zanesville, Ohio-----WALR Brdcastg. Corp.
WAMC	1420	100	Anniston, Ala.-----Raymond C. Hammett
WAML	1310	100	Laurel, Miss.-----Southland Radio Corp.
WAPI	1140	5000	Birmingham, Ala.-----WAPI Brdcastg. Corp.
WARD	1400	500	Brooklyn, N. Y.---United States Brdcastg. Corp.
WASH	1270	500	Grand Rapids, Mich.---Kunsky-Trendle Brd. Corp.
WAWZ	1350	250	Zarephath, N. J.-----Pillar of Fire
WAZL	1420	100	Hazleton, Pa.----Hazleton Brdcastg. Service, Inc.
WBAA	1400	500	West Lafayette, Ind.-----Purdue University
WBAK	1430	1000	Harrisburg, Pa.-----Pennsylvania State Police
WBAL	1060	10000	Baltimore, Md.---Cons. Gas, El. Lt. & Power Co.

Station	K. C.	Watts	Location and Owner
WBAP	800	50000	Fort Worth, Tex.....Carter Publications, Inc.
WBAX	1210	100	Wilkes-Barre, Pa.....John H. Stenger, Jr.
WBBC	1400	500	Brooklyn, N. Y....Brooklyn Broadcasting Corp.
WBBL	1210	100	Richmond, Va...Grace Covenant Presbyterian Ch.
WBBM	770	25000	Chicago, Ill.....WBBM Brdctg. Corp.
WBBR	1300	1000	Brooklyn, N. Y.....Peoples Pulpit Assn.
WBBX	1200	100	New Orleans, La.....Samuel D. Reeks
WBBZ	1200	100	Ponca City, Okla.....C. L. Carrell
WBCM	1410	500	Bay City, Mich.....James E. Davidson
WBEN	900	1000	Buffalo, N. Y.....WBEN, Inc.
WBEO	1310	100	Marquette, Mich....Lake Superior Brdctg. Co.
WBHS	1200	100	Huntsville, Ala.....Radio Station WBHS, Inc.
WBIG	1440	500	Greensboro, N. C...N. Carolina Brdctg. Co., Inc.
WBNX	1350	250	New York, N. Y.....Standard Cahill Co., Inc.
WBOQ-WABC	(See WABC-WBOQ)		
WBOV	1310	100	Terre Haute, Ind.....Banks of Wabash, Inc.
WBRC	930	500	Birmingham, Ala...Birmingham Brdctg. Co., Inc.
WBRE	1310	100	Wilkes-Barre, Pa.....Louis G. Baltimore
WBSO	920	500	Needham, Mass.....Brdctg. Service Org., Inc.
WBT	1080	25000	Charlotte, N. C.....Station WBT, Inc.
WBTM	1370	100	Danville, Va.....Piedmont Brdctg. Corp.
WBZ	990	25000	Boston, Mass.....Westinghouse E. & M. Co.
WBZA	990	1000	Boston, Mass.....Westinghouse E. & M. Co.
WCAC	600	250	Storrs, Conn...Connecticut Agricultural College
WCAD	1220	500	Canton, N. Y.....St. Lawrence University
WCAE	1220	1000	Pittsburgh, Pa.....WCAE, Inc.
WCAH	1430	500	Columbus, Ohio...Commercial Radio Service Co.
WCAL	1250	1000	Northfield, Minn.....St. Olaf College
WCAM	1280	500	Camden, N. J.....City of Camden
WCAO	600	250	Baltimore, Md.....Monumental Radio Co.
WCAP	1280	500	Asbury Park, N. J....Radio Indus. Brdctg. Co.
WCAT	1200	100	Rapid City, S. Dak...S. Dak. State Sch. of Mines
WCAU	1170	50000	Philadelphia, Pa.....WCAU Broadcasting Co.
WCAZ	1200	100	Burlington, Vt....Burlington Daily News, Inc.
WCAZ	1070	50	Carthage, Ill....Superior Brdctg. Service, Inc.
WCBA	1440	250	Allentown, Pa.....B. Bryan Musselman
WCBD	1080	5000	Zion, Ill.....Wilbur Glenn Voliva
WCBM	1370	100	Baltimore, Md....Baltimore Broadcasting Corp.
WCBS	1210	100	Springfield, Ill.....WCBS, Inc.

Station	K. C.	Watts	Location and Owner
WCCO	810	50000	Minneapolis, Minn.—Northwestern Brdcastg., Inc.
WCDA	1350	250	New York, N. Y.-----Standard Cahill Co.
WCFL	970	1500	Chicago, Ill.-----Chicago Federation of Labor
WCKY	1490	5000	Covington, Ky.-----L. B. Wilson, Inc.
WCLO	1200	100	Janesville, Wis.-----WCLO Radio Corp.
WCLS	1310	100	Joliet, Ill.-----WCLS, Inc.
WCOA	1340	500	Pensacola, Fla.-----Pensacola Brdcastg. Co.
WCOC	880	500	Meridian, Miss.-----Miss. Brdcastg. Co., Inc.
WCOD	1200	100	Harrisburg, Pa.-----Keystone Brdcastg. Corp.
WCRW	1210	100	Chicago, Ill.-----Clinton R. White
WCSC	1360	500	Charleston, S. C.-----S. C. Brdcastg. Co., Inc.
WCSH	940	1000	Portland, Maine----Congress Square Hotel Co.
WDAE	1220	1000	Tampa, Fla.-----Tampa Publishing Co.
WDAF	610	1000	Kansas City, Mo.-----Kansas City Star Co.
WDAG	1410	1000	Amarillo, Tex.----Nat'l Radio & Brdcastg. Corp.
WDAH	1310	100	El Paso, Tex.-----Tri-State Brdcastg. Co., Inc.
WDAS	1370	100	Philadelphia, Pa.-----WDAS Brdcast. Sta., Inc.
WDAY	940	1000	Fargo, N. Dak.-----WDAY, Inc.
WDBJ	930	250	Roanoke, Va.-----Times World Corp.
WDBO	580	250	Orlando, Fla.-----Orlando Brdcastg. Co.
WDEL	1120	250	Wilmington, Del.-----WDEL, Inc.
WDEV	550	500	Waterbury, Vt.-----Harry C. Whitehill
WDGY	1180	1000	Minneapolis, Minn.----Dr. George W. Young
WDOD	1280	1000	Chattanooga, Tenn.----WDOD Brdcastg. Corp.
WDRC	1330	500	Hartford, Conn.-----WDRC, Inc.
WDSU	1250	1000	New Orleans, La.-----Joseph H. Uhalt
WDZ	1070	100	Tuscola, Ill.-----James L. Bush
WEAF	660	50000	New York, N. Y.----Nat'l Broadcasting Co., Inc.
WEAN	780	500	Providence, R. I.----Shepard Brdcastg. Serv., Inc.
WEAO	570	750	Columbus, Ohio-----Ohio State University
WEBC	1290	1000	Superior, Wis.---Head of the Lakes Brdcastg. Co.
WEBQ	1210	100	Harrisburg, Ill.-----Harrisburg Brdcastg. Co.
WEBR	1310	100	Buffalo, N. Y.-----Hewell Brdcastg. Co., Inc.
WEDC	1210	100	Chicago, Ill.-----Emil Denmark, Inc.
WEED	1420	100	Greenville, N. C.-----William Avera Wynne
WEEI	590	1000	Boston, Mass.----Edison Elec. Illuminating Co.
WEEU	830	1000	Reading, Pa.-----Berks Brdcastg. Co.
WEHC	1350	500	Emory, Va.-----Community Brdcastg. Corp.

Station	K. C.	Watts	Location and Owner
WEHS	1420	100	Cicero, Ill.-----WEHS, Inc.
WELL	1420	50	Battle Creek, Mich.-----Enquirer-News Co.
WENC	1420	100	Americus, Ga.-----Americus Broadcasting Co.
WENR	870	50000	Chicago, Ill.-----Nat'l Brdcstg. Co., Inc.
WESG	1040	1000	Elmira, N. Y.-----Cornell University
WEVD	1300	500	New York, N. Y.---Debs Mem. Radio Fund, Inc.
WEW	760	1000	St. Louis, Mo.-----St. Louis University
WEXL	1310	50	Royal Oak, Mich.-----Royal Oak Brdcstg. Co.
WFAA	800	50000	Dallas, Tex.---The Dallas News & Dallas Journal
WFAB	1300	1000	New York, N. Y.---Fifth Avenue Brdcstg. Corp.
WFAM	1200	100	South Bend, Ind.-----The South Bend Tribune
WFAS	1210	100	White Plains, N. Y.---Westchester Brdcstg. Corp.
WFBC	1200	100	Greenville, S. C.---Greenville News-Piedmont Co.
WFBE	1200	100	Cincinnati, Ohio-----Radio Station WFBE, Inc.
WFBG	1310	100	Altoona, Pa.-----Gable Brdcstg. Co.
WFBL	1360	1000	Syracuse, N. Y.---Onondago Radio Brdcstg. Corp.
WFBM	1230	1000	Indianapolis, Ind.---Indianapolis Power & Lt. Co.
WFBR	1270	500	Baltimore, Md.-----Baltimore Radio Show, Inc.
WFDF	1310	100	Flint, Mich.-----Flint Brdcstg. Corp.
WFDV	1500	100	Rome, Ga.-----Rome Brdcstg. Corp.
WFEA	1430	500	Manchester, N. H.-----N. H. Brdcstg. Co.
WFI	560	500	Philadelphia, Pa.-----WFI Brdcstg. Co.
WFIW	940	1000	Hopkinsville, Ky.-----WFIW, Inc.
WFLA-			
WSUN	620	1000	Clearwater, Fla.-----Chamber of Commerce
WFOX	1400	500	Brooklyn, N. Y.-----Paramount Brdcstg. Corp.
WGAL	1310	100	Lancaster, Pa.-----WGAL, Inc.
WGAR	1450	500	Cleveland, Ohio-----The WGAR Brdcstg. Co.
WGBB	1210	100	Freeport, N. Y.-----Harry H. Carman
WGBF	630	500	Evansville, Ind.-----Evansville on the Air, Inc.
WGBI	880	250	Scranton, Pa.-----Scranton Broadcasters, Inc.
WGCM	1210	100	Mississippi City, Miss.---Great Southern Land Co.
WGCP	1250	250	Newark, N. J.-----May Radio Broadcast Corp.
WGES	1360	500	Chicago, Ill.---Oak Leaves Brdcstg. Station, Inc.
WGH	1310	100	Newport News, Va.-----Hampton Rd. Brdcstg. Station, Inc.
WGL	1370	100	Fort Wayne, Ind.-----Fred C. Zieg
WGLC	1370	100	Hudson Falls, N. Y.---O. T. Griffin & G. F. Bissell

Station	K. C.	Watts	Location and Owner
WGN	720	25000	Chicago, Ill.-----WGN, Inc.
WGNY	1210	50	Chester Twp., N. Y.-----Peter Goelet
WGR	550	1000	Buffalo, N. Y.-----Buffalo Brdcastg. Corp.
WGST	890	250	Atlanta, Ga.-----Ga. Sch. of Technology
WGY	790	50000	Schenectady, N. Y.-----General Electric Co.
WHA	940	1000	Madison, Wis.-----University of Wisconsin
WHAD	1120	250	Milwaukee, Wis.-----Marquette University
WHAM	1150	25000	Rochester, N. Y.-----Stromberg-Carlson Tel. Mfg. Co.
WHAS	820	25000	Louisville, Ky.-----The Courier-Journal
WHAT	1310	100	Philadelphia, Pa.-----Independence Brdcastg. Co.
WHAZ	1300	500	Troy, N. Y.-----Rensselaer Ply. Inst.
WHB	860	500	Kansas City, Mo.-----WHB Broadcasting Co.
WHBC	1200	10	Canton, Ohio-----Edward P. Graham
WHBD	1370	100	Mt. Orab, Ohio-----F. P. Moler
WHBF	1210	100	Rock Island, Ill.-----Rock Island Brdcastg. Co.
WHBL	1410	500	Sheboygan, Wis.-----Press Publishing Co.
WHBQ	1370	100	Memphis, Tenn.-----Brdcastg. Station WHBQ, Inc.
WHBU	1210	100	Anderson, Ind.-----Anderson Brdcastg. Corp.
WHBY	1200	100	Green Bay, Wis.-----WHBY, Inc.
WHDF	1370	100	Calumet, Mich.-----Upper Mich. Brdcastg. Co.
WHDH	830	1000	Boston, Mass.-----Matheson Radio Co., Inc.
WHDL	1420	100	Tupper Lake, N. Y.-----Tupper Lake Brd. Co., Inc.
WHEB	740	250	Portsmouth, N. H.-----Granite State Brdcastg. Corp.
WHEC	1430	500	Rochester, N. Y.-----WHEC, Inc.
WHEF	1500	100	Kosciusko, Miss.-----Atalla Milling and Produce Co.
WHET	1210	100	Troy, Ala.-----Troy Broadcasting Co.
WHFC	1420	100	Cicero, Ill.-----WHFC, Inc.
WHIS	1410	250	Bluefield, W. Va.-----Daily Telegraph Printing Co.
WHK	1390	1000	Cleveland, Ohio-----Radio Air Service Corp.
WHN	1010	250	New York, N. Y.-----Marcus Loew Booking Agency
WHO	(See WOC-WHO)		
WHOM	1450	250	Jersey City, N. J.-----N. J. Broadcasting Corp.
WHP	1430	500	Harrisburg, Pa.-----WHP, Inc.
WIAS	1310	100	Ottumwa, Iowa-----Iowa Brdcastg. Co.
WIBA	1280	500	Madison, Wis.-----Badger Brdcastg. Co.
WIBG	930	25	Glenside, Pa.-----WIBG, Inc.
WIBM	1370	100	Jackson, Mich.-----WIBM, Inc.
WIBU	1210	100	Poynette, Wis.-----Wm. C. Forrest

Station	K. C.	Watts	Location and Owner	
WIBW	580	1000	Topeka, Kans.	Topeka Brdcastg. Assn., Inc.
WIBX	1200	100	Utica, N. Y.	WIBX, Inc.
WICC	600	250	Bridgeport, Conn.	Bridgeport Brdcastg. Sta., Inc.
WIL	1200	100	St. Louis, Mo.	Missouri Brdcastg. Corp.
WILL	890	250	Urbana, Ill.	University of Illinois
WILM	1420	100	Wilmington, Del.	Delaware Brdcastg. Co., Inc.
WIND	560	1000	Gary, Ind.	Johnson-Kennedy Radio Corp.
WINS	1180	500	New York, N. Y.	American Radio News Corp.
WIOD- WMBF	1300	1000	Miami, Fla.	Isle of Dreams Brdcastg. Co.
WIP	610	500	Philadelphia, Pa.	Pennsylvania Brdcastg. Co.
WIS	1010	500	Columbia, S. C.	Station WIS, Inc.
WISN	1120	250	Milwaukee, Wis.	American Radio News Corp.
WJAC	1810	100	Johnstown, Pa.	WJAC, Inc.
WJAG	1050	1000	Norfolk, Nebr.	Norfolk Daily News
WJAR	890	500	Providence, R. I.	The Outlet Co.
WJAS	1290	1000	Pittsburgh, Pa.	Pittsburgh Radio Supply House
WJAX	900	1000	Jacksonville, Fla.	City of Jacksonville
WJAY	610	500	Cleveland, Ohio	Cleveland Radio Brdcastg. Corp.
WJBC	1200	100	LaSalle, Ill.	Kaskaskia Brdcastg. Co.
WJBI	1210	100	Red Bank, N. J.	Monmouth Brdcastg. Co.
WJBK	1370	50	Detroit, Mich.	James F. Hopkins, Inc.
WJBL	1200	100	Decatur, Ill.	Commodore Brdcastg., Inc.
WJBO	1420	100	New Orleans, La.	Baton Rouge Brdcastg. Corp.
WJBW	1200	100	New Orleans, La.	Charles C. Carlson
WJBY	1210	100	Gadsden, Ala.	Gadsden Brdcastg. Co., Inc.
WJDX	1270	1000	Jackson, Miss.	Lamar Life Ins. Co.
WJEJ	1210	100	Hagerstown, Md.	Hagerstown Brdcastg. Co.
WJEM	990	500	Tupelo, Miss.	Britt A. Rogers, Jr.
WJJD	1130	20000	Mooseheart, Ill.	WJJD, Inc.
WJMS	1420	100	Ironwood, Mich.	WJMS, Inc.
WJR	750	10000	Detroit, Mich.	WJR, The Goodwill Station, Inc.
WJSV	1460	10000	Alexandria, Va.	Old Dominion Brdcastg. Corp.
WJTL	1370	100	Oglethorpe University, Ga.	Oglethorpe Univ.
WJW	1210	100	Akron, Ohio	WJU, Inc.
WJZ	760	30000	New York City	Nat'l Brdcastg. Co., Inc.
WKAQ	1240	1000	San Juan, P. R.	Radio Corp. of Porto Rico
WKAR	1040	1000	E. Lansing, Mich.	Michigan State College

Station	K. C.	Watts	Location and Owner
WKBB	1310	100	Joliet, Ill.-----Sanders Bros. Radio Station
WKBC	1310	100	Birmingham, Ala.----R. B. Broyles Furniture Co.
WKBF	1400	500	Indianapolis, Ind.----Indianapolis Brdcastg., Inc.
WKBH	1380	1000	La Crosse, Wis.-----WKBH, Inc.
WKBI	1420	100	Cicero, Ill.-----WKBI, Inc.
WKBN	570	500	Youngstown, Ohio-----WKBN Brdcastg. Corp.
WKBV	1500	100	Connersville, Ind.---Knox Battery & Electric Co.
WKBW	1480	5000	Buffalo, N. Y.-----Buffalo Brdcastg. Corp.
WKBZ	1500	100	Ludington, Mich.-----K. L. Ashbacker
WKEU	1500	100	La Grange, Ga.-----Allen Wright Marshall, etc.
WKFI	1210	100	Greenville, Miss.-----J. Pat Scully
WKJC	1200	100	Lancaster, Pa.---Lancaster Brdcast. Service, Inc.
WKOK	1210	100	Lewisburg, Pa.-----Chas. S. Blue
WKRC	550	1000	Cincinnati, Ohio-----WKRC, Inc.
WKY	900	1000	Oklahoma City, Okla.---WKY Radiophone Co.
WKZO	590	1000	Kalamazoo, Mich.-----WKZO, Inc.
WLAC	1470	5000	Nashville, Tenn.---Life & Ca'lty Ins. Co. of Tenn.
WLAP	1200	100	Louisville, Ky.-----Amer. Brdcastg. Corp. of Ky.
WLB	1250	1000	Minneapolis, Minn.---University of Minnesota
WLBC	1310	50	Muncie, Ind.-----Donald A. Burton
WLBF	1420	100	Kansas City, Kans.-----WLBF Brdcastg. Co.
WLBL	900	2500	Stevens Pt., Wis.-----Wis. Dept. of Markets
WLBW	1260	500	Erie, Pa.-----Broadcasters of Pa., Inc.
WLBZ	620	500	Bangor, Me.-----Maine Broadcasting Co., Inc.
WLCI	1210	50	Ithaca, N. Y.-----Lutheran Ass'n of Ithaca, N. Y.
WLEY	1370	100	Lexington, Mass.-----Albert S. Moffat
WLIB-WGN (See WGN-WLIB)			
WLIT	560	500	Philadelphia, Pa.---Lit Bros. Brdcastg. System, Inc.
WLOE	1500	100	Boston, Mass.-----Boston Broadcasting Co.
WLS	870	50000	Chicago, Ill.-----Agricultural Broadcasting Co.
WLTH	1400	500	Brooklyn, N. Y.-----Voice of Brooklyn, Inc.
WLVA	1370	100	Lynchburg, Va.-----Lynchburg Brdcastg. Corp.
WLW	700	50000	Cincinnati, Ohio-----Crosley Radio Corp.
WLWL	1100	5000	New York City---Missionary Society of St. Paul
WMAC-WSYR (See WSYR-WMAC)			
WMAL	630	250	Washington, D. C.---National Brdcastg. Co., Inc.

Station	K. C.	Watts	Location and Owner
WMAQ	670	5000	Chicago, Ill.-----Nat'l Brdcstg. Co., Inc.
WMAS	1420	100	Springfield, Mass.-----WMAS, Inc.
WMAZ	1180	500	Macon, Ga.-----Southeastern Brdcstg. Co., Inc.
WMBC	1420	100	Detroit, Mich.-----Michigan Brdcstg. Co.
WMBD	1440	500	Peoria, Ill.-----Peoria Brdcstg. Co.
WMBG	1210	100	Richmond, Va.-----Havens & Martin, Inc.
WMBH	1420	100	Joplin, Mo.-----W. M. Robertson
WMBI	1080	5000	Chicago, Ill.-----The Moody Bible Institute
WMBO	1310	100	Auburn, N. Y.-----WMBO, Inc.
WMBQ	1500	100	Brooklyn, N. Y.-----Paul J. Gollhofer
WMBR	1370	100	Tampa, Fla.-----F. J. Reynolds
WMC	780	500	Memphis, Tenn.----Memphis Com'c'l Appeal, Inc.
WMCA	570	500	New York, N. Y.----Knickerbocker Brdcstg. Co.
WMED	1420	100	Florence, Ala.-----Kathryn Jones
WMIL	1500	100	Brooklyn, N. Y.-----Arthur Faske
WMMN	890	250	Fairmont, W. Va.-----A. M. Rowe, Inc.
WMPC	1500	100	Lapeer, Mich.----First Meth. Protestant Church
WMSG	1350	250	New York, N. Y.-----Standard Cahill Co., Inc.
WMT	600	500	Waterloo, Iowa-----Waterloo Brdcstg. Co.
WNAC	1230	1000	Boston, Mass.-----Shepard Brdcstg. Serv., Inc.
WNAD	1010	500	Norman, Okla.-----University of Oklahoma
WNAX	570	1000	Yankton, S. Dak.-----House of Gurney, Inc.
WNBH	1500	100	Binghamton, N. Y.----Howitt Wood Radio Co., Inc.
WNBH	1310	100	New Bedford, Mass.---New Bedford Brdcstg. Co.
WNBO	1200	100	Washington, Pa.-----John Brownlee Spriggs
WNBR	1430	500	Memphis, Tenn.-----Memphis Brdcstg. Co.
WNBW	1200	10	Carbondale, Pa.-----WNBW, Inc.
WNBX	1260	250	Springfield, Vt.-----WNBX Brdcstg. Corp.
WNBZ	1290	50	Saranac Lake, N. Y.-----Smith & Mace
WNOX	560	1000	Knoxville, Tenn.-----WNOX, Inc.
WNYC	810	500	New York, N. Y.-----City of New York
WOAI	1190	50000	San Antonio, Tex.----Southern Equipment Co.
WOBW	580	250	Charleston, W. Va.-----WOBW, Inc.
WOC-			
WHO	1000	50000	Des Moines, Iowa-----Central Brdcstg. Co.
WOCL	1210	50	Jamestown, N. Y.-----A. E. Newton

Station	K. C.	Watts	Location and Owner
WODA	1250	1000	Paterson, N. J.-----WODAAM Corporation
WODX	1410	500	Mobile, Ala.-----Mobile Brdcstg. Corp.
WOI	640	5000	Ames, Iowa.-----Iowa State College
WOKO	1430	500	Albany, N. Y.-----WOKO, Inc.
WOL	1310	100	Washington, D. C.---American Broadcasting Co.
WOMT	1210	100	Manitowoc, Wis.-----Francis M. Kadow
WOOD	1270	500	Grand Rapids, Mich.---Kunsky-Trendle Bc. Corp.
WOPI	1500	100	Bristol, Tenn.---Radiophone Bc. Sta. WOPI, Inc.
WOQ	1300	1000	Kansas City, Mo.---Unity School of Christianity
WOR	710	5000	Newark, N. J.---Bamberger Brdcstg. Serv., Inc.
WORC	1200	100	Worcester, Mass.----Alfred Frank Kleindienst
WORK	1000	1000	York, Pa.-----York Broadcasting Co.
WOS	630	500	Jefferson City, Mo.---Mo. State Mrktg. Bureau
WOV	1130	1000	New York, N. Y.---International Brdcstg. Corp.
WOW	590	1000	Omaha, Nebr.---W'dmen of the W'ld Life Ins. An.
WOWO	1160	10000	Ft. Wayne, Ind.-----Main Auto Supply Co.
WPAD	1420	100	Paducah, Ky.-----Paducah Brdcstg. Co.
WPAP-WQAO	(See WQAO-WPAP)		
WPEN	1500	100	Philadelphia, Pa.---Wm. Penn Broadcasting Co.
WPFB	1370	100	Hattiesburg, Miss.---Hattiesburg Broadcast. Co.
WPG	1100	5000	Atlantic City, N. J.-----WPG Brdcstg. Corp.
WPHR	1200	100	Petersburg, Va.-----WLBG, Inc.
WPRO	1210	100	Providence, R. I.---Cherry & Webb Brdcstg. Co.
WPTF	680	1000	Raleigh, N. C.-----WPTF Radio Co.
WQAM	560	1000	Miami, Fla.-----Miami Brdcstg. Co.
WQAN	880	250	Scranton, Pa.-----Scranton Times
WQAO-			
WPAP	1010	250	New York, N. Y.---Marcus Loew Booking Agency
WQBC	1360	500	Vicksburg, Miss.-----Delta Brdcstg. Co., Inc.
WQDM	1370	100	St. Albans, Vt.---A. J. St. Antoine & E. J. Regan
WQDX	1210	100	Thomasville, Ga.-----Stevens Luke
WRAK	1370	100	Williamsport, Pa.-----WRAK, Inc.
WRAM	1370	100	Wilmington, N. C.---Wilmington Radio Assn., Inc.
WRAW	1310	100	Reading, Pa.-----Reading Brdcstg. Co.

Station	K. C.	Watts	Location and Owner
WRAX	1020	250	Philadelphia, Pa.-----WRAX Brdcastg. Co.
WRBL	1200	100	Columbus, Ga.-----WRBL Radio Station, Inc.
WRBX	1410	250	Roanoke, Va.-----Richmond Development Corp.
WRC	950	500	Washington, D. C.-----Nat'l Brdcastg. Co., Inc.
WRDO	1370	100	Augusta, Me.-----WRDO, Inc.
WRDW	1500	100	Augusta, Ga.-----Musicove, Inc.
WREC	600	500	Memphis, Tenn.-----WREC, Inc.
WREN	1220	1000	Lawrence, Kans.-----Jenny Wren Co.
WRHM	1250	1000	Minneapolis, Minn.-----Minn. Brdcastg. Corp.
WRJN	1370	100	Racine, Wis.-----Racine Brdcastg. Corp.
WRNY	1010	250	New York, N. Y.-----Marcus Loew Booking Agency
WROL	1310	100	Knoxville, Tenn.-----Stuart Brdcastg. Corp.
WRR	1280	500	Dallas, Tex.-----City of Dallas
WRUF	830	5000	Gainesville, Fla.-----University of Florida
WRVA	1110	5000	Richmond, Va.-----Larus & Bro. Co., Inc.
WSAI	1330	500	Cincinnati, Ohio-----Crosley Radio Corp.
WSAJ	1310	100	Grove City, Pa.-----Grove City College
WSAN	1440	250	Allentown, Pa.-----WSAN, Inc.
WSAR	1450	250	Fall River, Mass.-----Doughty & Welsh El. Co., Inc.
WSAZ	1190	1000	Huntington, W. Va.-----WSAZ, Inc.
WSB	740	5000	Atlanta, Ga.-----Atlanta Journal Co.
WSBC	1210	100	Chicago, Ill.-----WSBC, Inc.
WSBT	1230	500	South Bend, Ind.-----South Bend Tribune
WSEN	1210	100	Columbus, Ohio-----Columbus Brdcastg. Corp.
WSFA	1410	500	Montgomery, Ala.-----Montgomery Brdcastg. Co., Inc.
WSIX	1210	100	Springfield, Tenn.-----638 Tire & Vulcanizing Co.
WSJS	1310	100	Winston-Salem, N. C.-----Winston-Salem Jour. Co.
WSM	650	50000	Nashville, Tenn.-----Nat'l. Life & Accident Ins. Co.
WSMB	1320	500	New Orleans, La.-----WSMB, Inc.
WSMK	1380	200	Dayton, Ohio-----Stanley M. Krohn, Jr.
WSOC	1210	100	Gastonia, N. C.-----WSOC, Inc.
WSPA	1420	100	Spartanburg, S. C.-----Virgil V. Evans
WSPD	1340	1000	Toledo, Ohio-----Toledo Brdcastg. Co.
WSUI	880	500	Iowa City, Iowa-----Iowa State University
WSUN-WFLA	(See WFLA-WSUN)		
WSVS	1370	50	Buffalo, N. Y.-----Seneca Vocational School
WSYB	1500	100	Rutland, Vt.-----Philip Weiss Music Co.

Station	K. C.	Watts	Location and Owner
WSYR- WMAC	570	250	Syracuse, N. Y.----Central N. Y. Brdcastg. Corp.
WTAD	1440	500	Quincy, Ill.-----Illinois Brdcastg. Corp.
WTAG	580	250	Worcester, Mass.---Wor. Telegram Pub. Co., Inc.
WTAM	1070	50000	Cleveland, Ohio----National Brdcastg. Co., Inc.
WTAQ	1330	1000	Eau Claire, Wis.-----Gillette Rubber Co.
WTAR	780	500	Norfolk, Va.-----WTAR Radio Corp.
WTAW	1120	500	College Station, Tex.----Agri. & Mech. College
WTAX	1210	100	Springfield, Ill.-----WTAX, Inc.
WTBO	1420	100	Cumberland, Md.----Associated Brdcastg. Corp.
WTEL	1310	100	Philadelphia, Pa.---Faulkrod Radio Eng. Co., Inc.
WTFI	1450	500	Athens, Ga.-----Liberty Brdcastg. Co.
WTIC	1060	50000	Hartford, Conn.---Travelers Brdcastg. Serv. Corp.
WTJS	1310	100	Jackson, Tenn.-----The Sun Pub. Co., Inc.
WTMJ	620	1000	Milwaukee, Wis.-----The Journal Co.
WTNJ	1280	500	Trenton, N. J.-----WOAX, Inc.
WTOC	1260	500	Savannah, Ga.----Savannah Brdcastg. Co., Inc.
WTRC	1310	50	Elkhart, Ind.-----Truth Pub. Co., Inc.
WWAE	1200	100	Hammond, Ind.---Hamm'd-Calumet Brdcastg. Corp.
WWJ	920	1000	Detroit, Mich.----The Evening News Assn., Inc.
WWL	850	10000	New Orleans, La.-----Loyola University
WWNC	570	1000	Asheville, N. C.-----Citizens Brdcastg. Co., Inc.
WWRL	1500	100	Woodside, N. Y.----Long Island Brdcastg. Corp.
WWSW	1500	100	Pittsburgh, Pa.---Walker & Downing Radio Corp.
WWVA	1160	5000	Wheeling, W. Va.-----W. Va. Brdcastg. Corp.
WXYZ	1240	1000	Detroit, Mich.----Kunsky-Trendle Brdcastg. Corp.

Canadian Broadcasting Stations

ALPHABETICAL BY CALL LETTER

Station	K. C.	Watts	Location and Owner
CFAC	690	500	Calgary, Alta.-----The Calgary Herald
CFBO	1030	500	St. John, N. B.-----C. A. Munro, Ltd.
CFCA	1120	100	Toronto, Ont.-----Star Publishing & Ptg. Co.
CFCF	600	500	Montreal, Que.-----Canadian Marconi Co.
CFCH	930	100	North Bay, Ont.-----Northern Supplies, Ltd.
CFCN	1030	10000	Strathmore, Alta.---W. W. Grant and H. G. Love
CFCO	1210	100	Chatham, Ont.-----John Beardall
CFCT	1430	50	Victoria, B. C.-----Victoria Brdcastg. Assn.
CFCY	630	500	Charlottetown, P. E. I.----The Island Radio Co.
CFJC	1120	100	Kamloops, B. C.-----Review Publishing Co.
CFLC	930	100	Prescott, Ont.----Radio Association of Prescott
CFNB	1210	50	Fredericton, N. B.-----J. S. Neill & Sons, Ltd.
CFQC	890	500	Saskatoon, Sask.-----The Electric Shop, Ltd.
CFRB	690	10000	King, Ont.-----Rogers Majestic Corp., Ltd.
CFRC	915	100	Kingston, Ont.-----Queen's University
CHCK	1310	100	Charlottetown, P. E. I.---W. Burke & J. E. Gesner
CHGS	1120	100	Summerside, P. E. I.-----R. T. Holman, Ltd.
CHLP	1120	100	Montreal, Que.-----La Patrie Publ. Co., Ltd.
CHMA	580	250	Edmonton, Alta.-----Christian & Mis. Alliance
CHML	890	50	Hamilton, Ont.----Maple Leaf Radio Co., Ltd.
CHNS	1050	500	Halifax, N. S.-----Maritime Brd. Co., Ltd.
CHRC	645	100	Quebec, Que.-----CHRC, Ltd.
CHWC	1010	500	Regina, Sask.-----R. H. Williams & Sons
CHWK	780	100	Chilliwack, B. C.---Chilliwack Brdcastg. Co., Ltd.
CJCA	730	500	Edmonton, Alta.-----Edmonton Journal, Ltd.
CJCB	880	50	Sydney, N. S.-----N. Nathanson
CJ CJ	690	500	Calgary, Alta.-----Albertan Pub. Co., Ltd.

Station	K. C.	Watts	Location and Owner
CJGX	630	500	Yorkton, Sask.-----Winnipeg Grain Exchange
CJOC	580	100	Lethbridge, Alta.-----Harold R. Carson
CJOR	1210	500	Vancouver, B. C.-----G. C. Chandler
CJRM	880	500	Moosejaw, Sask.-----J. Richardson & Sons, Ltd.
CJRW	880	500	Fleming, Sask.-----J. Richardson & Sons, Ltd.
CKAC	730	5000	Montreal, Que.-----La Presse Publishing Co.
CKCD	1010	100	Vancouver, B. C.---Vancouver Daily Providence
CKCK	1010	500	Regina, Sask.-----Leader-Post, Ltd.
CKCL	580	100	Toronto, Ont.-----H. Gooderham & Sons
CKCO	1010	100	Ottawa, Ont.-----Dr. G. M. Geldert
CKCR	645	100	Waterloo, Ont.---W. C. Mitchell & Gilbert Liddle
CKCV	1310	50	Quebec, Que.-----Vandry, Inc.
CKFC	1410	50	Vancouver, B. C.----United Church of Canada
CKGW	840	5000	Toronto, Ont.-----Gooderham & Worts, Ltd.
CKIC	1010	50	Wolfville, N. S.-----Acadia University
CKLW	540	5000	Windsor, Ont.----Western Ontario Brdestg. Co.
CKMC	1210	100	Cobalt, Ont.-----R. L. MacAdam
CKMO	1410	100	Vancouver, B. C.-----Sprott-Shaw Radio
CKNC	1030	100	Toronto, Ont.-----Can. Nat. Carbon Co., Ltd.
CKOC	1010	500	Hamilton, Ont.---Wentworth Radio Brdestg. Co.
CKOV	1200	100	Kelowna, B. C.-----J. W. B. Browne
CKPC	930	100	Preston, Ont.-----Cyrus Dolph
CKPR	780	100	Port Arthur, Ont.-----Dougall Motor Car Co.
CKUA	580	500	Edmonton, Ala.-----University of Alta.
CKX	930	500	Brandon, Man.-----Manitoba Telephone System
CKY	910	5000	Winnipeg, Man.----Manitoba Telephone System
CRCA	580	500	Moncton, N. B.-----Canadian Radio Commission
CRCO	880	500	Ottawa, Ont.-----Canadian Radio Commission
CRCV	1100	500	Vancouver, B. C.---Canadian Radio Commission

MEXICAN BROADCASTING STATIONS

ALPHABETICAL BY CALL LETTER

Station	K. C.	Watts	Location	Station	K. C.	Watts	Location
XEA	1000	100	Guadalajara	XEJ	1310	125	Ciudad
XEAB	1450	7.5	Nuevo				Juarez
			Laredo	XEK	990	100	Mexico City
XEAC	1295	100	San Luis	XEL	1000	10	Saltillo
			Potosi	XEM	660	500000	Matamoros
XEAD	875	250	Mexico City	XEN	660	150000	Matamoros
XEAI	1090	100	Mexico City	XENT	1115	150000	Nuevo
XEAN	750	5000	Ciudad				Laredo
			Juarez	XEP	780	1000	Nuevo
XEAO	560	7.5	Mexicali				Laredo
XEAW	965	10000	Reynosa	XEPN	585	22000	Piedras
XEB	1030	19000	Mexico City				Negras
XEC	1000	50	Toluca	XER	735	500000	Villa Acuna
XED	1155	1500	Guadalajara	XES	1055	250	Tampico
XEF	665	500000	Villa Acuna	XET	690	500	Monterrey
XEFA	1250	500	Mexico City	XETA	1140	250	Mexico City
XEFB	1315	100	Monterrey	XETB	1380	125	Torreon
XEFC	1020	10	Merida	XETH	845	150	Puebla
XEFD	1020	300	Tia Juana	XETM	845	150000	Matamoros
XEFE	1000	100	Nuevo	XETR	610	1000	Mexico City
			Laredo	XETU	890	100	Pachua
XEFI	1000	100	Chihuahua	XETW	830	500	Mexico City
XEFJ	1000	100	Monterrey	XEU	1010	100	Vera Cruz
XEFO	940	5000	Mexico City	XEW	910	5000	Mexico City
XEFS	1000	40	Queretero	XEX	1210	500	Mexico City
XEFV	1370	100	Ciudad	XEY	547	105	Merida
			Juarez	XFG	638	20000	Mexico City
XEFW	1240	70	Tampico	XFH	---	250	Mexico City
XEFZ	1500	100	Mexico City	XFI	818	1000	Mexico City
XEG	1075	500	Mexico City	XFO	940	5000	Mexico City
XEH	1132	250	Monterrey	XFX	860	500	Mexico City
XEI	1310	125	Morelia				

CUBAN BROADCASTING STATIONS

ALPHABETICAL BY CALL LETTER

Station	K. C.	Watts	Location	Station	K. C.	Watts	Location
CMAB	1249	20	Pinar del Rio	CMGB	1205	30	Matanzas
CMAF	660	500	Miramar	CMGC	820	30	Matanzas
CMBC	1270	150	Havana	CMGE	1375	30	Cardenas
CMBD	965	150	Havana	CMGF	987	100	Matanzas
CMBG	1070	225	Havana	CMGH	1040	15	Matanzas
CMBJ	1140	150	Havana	CMHD	950	250	Caibarien
CMBK	1485	15	Havana	CMHI	1030	30	Santa Clara
CMBL	1445	20	Havana	CMHJ	1125	40	Cienfuegos
CMBN	1185	150	Havana	CMHK	1225	15	Cruces
CMBR	1485	40	Arroyo Apolo	CMHL	1290	20	Cienfuegos
CMBS	780	150	Havana	CMJC	1382	150	Camaguey
CMBW	925	150	Havana	CMJE	1175	50	Camaguey
CMBY	1230	250	Havana	CMJF	930	200	Camaguey
CMBZ	1010	150	Havana	CMJG	1050	50	Camaguey
CMC	840	500	Havana	CMJH	1150	30	Ciego de Avila
CMCA	1230	150	Havana	CMJI	1335	45	Ciego de Avila
CMCB	1070	150	Havana	CMJL	960	50	Camaguey
CMCD	1140	250	Havana	CMJN	1240	50	Camaguey
CMCF	890	250	Havana	CMJO	1110	150	Ciego de Avila
CMCH	1405	50	Havana	CMJP	1360	7.5	Moron
CMCJ	1185	250	Havana	CMK	730	3150	Havana
CMCM	1405	15	Marianao	CMKC	1034	150	Santiago de Cuba
CMCN	925	250	Marianao	CMKJ	1300	20	Guantanamo
CMCQ	780	1000	Havana	CMQ	630	250	Havana
CMCR	1365	150	Havana	CMW	1590	1400	Havana
CMCU	630	150	Havana	CMX	890	500	Havana
CMCW	965	150	Havana				
CMCY	1325	1000	Havana				
CMGA	834	100	Colon				

AIR LINE DISTANCES IN STATUTE MILES

FROM/TO	Albu'que, N. M.	Atlanta, Ga.	Baltimore, Md.	Boise, Idaho	Boston, Mass.	Brownsville, Tex.	Buffalo, N. Y.	Chicago, Ill.	Cincinnati, Ohio	Cleveland, Ohio
Albuquerque, N. M.	---	1273	1670	774	1967	838	1577	1126	1248	1417
Atlanta, Ga.	1273	---	575	1830	933	960	695	583	368	550
Baltimore, Md.	1670	575	---	2055	358	1525	273	603	423	305
Boise, Idaho	774	1830	2055	---	2266	1610	1872	1453	1863	1754
Boston, Mass.	1967	933	358	2266	---	1881	398	849	737	550
Brownsville, Texas	838	960	1525	1610	1881	---	1575	1234	1184	1402
Buffalo, N. Y.	1577	695	273	1872	398	1575	---	454	392	175
Chicago, Ill.	1126	583	603	1453	849	1234	454	---	249	807
Cincinnati, Ohio	1248	368	423	1663	737	1184	392	249	---	218
Cleveland, Ohio	1417	550	305	1754	550	1402	175	307	218	---
Denver, Colo.	332	1208	1505	637	1766	1047	1368	918	1090	1223
Des Moines, Iowa	833	738	913	1155	1159	1102	762	310	509	617
Detroit, Mich.	1360	595	398	1671	613	1398	218	236	234	94
El Paso, Texas	228	1293	1750	969	2067	682	1690	1249	1333	1521
Fargo, N. Dak.	968	1112	1143	975	1304	1445	923	571	818	838
Fort Worth, Texas	561	750	1239	1263	1574	471	1221	820	839	1046
Galveston, Texas	803	688	1245	1538	1598	287	1289	954	897	1116
Hastings, Nebr.	588	901	1154	934	1415	1013	1019	568	742	871
Hot Springs, Ark.	773	498	964	1384	1302	650	956	585	569	767
Houghton, Mich.	1252	947	808	1367	922	1543	560	307	558	518
Jacksonville, Fla.	1492	286	682	2098	1015	1025	880	861	628	788
Kansas City, Mo.	717	675	962	1158	1250	823	862	413	541	700
Los Angeles, Calif.	663	1935	2313	663	2590	1370	2195	1741	1892	2044
Louisville, Ky.	1174	317	498	1623	823	1093	483	268	92	309
Memphis, Tenn.	938	335	792	1506	1133	777	802	481	410	627
Miami, Fla.	1710	610	958	2368	1258	1100	1184	1190	957	1088
Minneapolis, Minn.	980	905	948	1140	1125	1335	733	356	603	632
Missoula, Mont.	895	1790	1947	252	2124	1706	1740	1348	1578	1640
Nashville, Tenn.	1117	218	597	1631	941	952	626	894	239	456
New Orleans, La.	1030	427	1001	1713	1359	536	1087	831	708	922
New York, N. Y.	1810	747	170	2153	188	1695	291	711	568	404
Norfolk, Va.	1696	507	167	2137	467	1485	435	696	474	426
Oklahoma, Okla.	518	753	1173	1138	1490	659	1117	689	765	946
Omaha, Nebr.	718	815	1026	1044	1280	1061	883	432	620	738
Philadelphia, Pa.	1748	663	90	2113	268	1614	278	664	501	843
Phoenix, Ariz.	330	1592	2002	733	2295	1023	1904	1451	1578	1745
Pittsburgh, Pa.	1498	520	194	1863	478	1424	178	411	258	115
Portland, Me.	2015	1022	446	2282	100	1961	438	892	802	603
Portland, Oreg.	1107	2172	2367	349	2553	1944	2187	1765	1987	2033
Richmond, Va.	1628	470	128	2060	471	1428	375	618	399	353
St. Louis, Mo.	938	467	731	1389	1036	975	662	259	308	490
Salt Lake City, Utah	483	1580	1858	292	2069	1317	1701	1280	1450	1567
San Francisco, Cal.	893	2133	2451	516	2696	1675	2298	1855	2037	2163
Schenectady, N. Y.	1823	840	278	2120	150	1770	349	702	605	408
Seattle, Wash.	1178	2180	2341	405	2508	2015	2130	1743	1974	2085
Shreveport, La.	764	548	1064	1433	1410	510	1080	725	688	904
Spokane, Wash.	1028	1960	2110	290	2279	1852	1900	1514	1746	1804
Springfield, Mass.	1889	863	282	2196	79	1805	325	774	659	478
Vermillion, S. D.	742	917	1983	973	1314	1161	916	479	694	785
Washington, D. C.	1648	543	33	2045	392	1493	290	594	403	303

Air Line Distances in Statute Miles—(Continued)

FROM/TO	Denver, Colo.	Des Moines, Iowa	Detroit, Mich.	El Paso, Texas	Fargo, N. Dak.	Fort Worth, Tex.	Galveston, Texas	Hastings, Nebr.	Hot Springs, Ark.	Houghton, Mich.
Albuquerque, N. M.	332	833	1360	228	968	561	803	588	773	1252
Atlanta, Ga.	1208	738	595	1293	1112	750	688	901	498	947
Baltimore, Md.	1505	913	398	1750	1143	1239	1245	1154	964	808
Boise, Idaho	637	1155	1671	969	975	1263	1538	934	1384	1867
Boston, Mass.	1766	1159	613	2067	1304	1574	1598	1415	1302	922
Brownsville, Texas	1047	1102	1398	682	1445	471	287	1013	650	1543
Buffalo, N. Y.	1368	792	218	1690	923	1221	1289	1019	956	590
Chicago, Ill.	918	310	236	1249	571	820	954	566	585	867
Cincinnati, Ohio	1090	509	234	1333	818	839	897	742	569	589
Cleveland, Ohio	1223	617	94	1521	838	1046	1116	871	787	518
Denver, Colo.	---	607	1153	554	642	643	925	353	749	970
Des Moines, Iowa	607	---	545	980	397	640	851	256	488	458
Detroit, Mich.	1153	545	---	1475	745	1018	1111	800	761	427
El Paso, Texas	554	980	1475	---	1161	543	723	757	802	1422
Fargo, N. Dak.	642	397	745	1161	---	973	1218	440	875	393
Fort Worth, Texas	643	640	1018	543	973	---	283	544	273	1093
Galveston, Texas	925	851	1111	723	1218	283	---	808	375	1277
Hastings, Nebr.	353	256	800	737	440	544	808	---	513	666
Hot Springs, Ark.	749	488	761	802	875	273	375	513	---	901
Houghton, Mich.	970	458	427	1422	393	1093	1277	666	901	---
Jacksonville, Fla.	1468	1024	832	1481	1400	943	799	1178	728	1216
Kansas City, Mo.	555	180	643	836	548	660	677	226	326	633
Los Angeles, Calif.	828	1433	1976	702	1426	1212	1423	1177	1437	1787
Louisville, Ky.	1035	477	315	1253	818	751	807	693	480	636
Memphis, Tenn.	878	485	621	978	882	448	492	591	176	830
Miami, Fla.	1732	1338	1156	1662	1721	1150	941	1468	983	1545
Minneapolis, Minn.	699	235	542	1156	219	870	1087	399	722	272
Missoula, Mont.	680	1074	1552	1115	819	1312	1595	891	1385	1208
Nashville, Tenn.	1018	523	468	1169	900	643	666	697	370	760
New Orleans, La.	1079	825	938	986	1221	470	288	870	358	1187
New York, N. Y.	1628	1023	483	1902	1213	1398	1415	1275	1125	849
Norfolk, Va.	1562	983	522	1755	1258	1226	1195	1216	955	946
Oklahoma, Okla.	503	469	905	578	786	188	456	357	260	926
Omaha, Nebr.	485	122	666	875	390	590	828	135	490	547
Philadelphia, Pa.	575	972	444	1834	1186	1324	1335	1222	1051	827
Phoenix, Ariz.	585	1154	1685	347	1225	858	1065	901	1094	1550
Pittsburgh, Pa.	1320	718	208	1592	952	1097	1140	967	825	630
Portland, Me.	1803	1197	657	2126	1313	1642	1678	1454	1371	924
Portland, Oreg.	985	1479	1975	1286	1248	1612	1885	1271	1733	1638
Richmond, Va.	1488	905	445	1695	1180	1170	1154	1142	897	870
St. Louis, Mo.	793	270	452	1033	658	568	697	455	325	591
Salt Lake City, Utah	372	952	1490	689	865	977	1249	708	1116	1242
San Francisco, Cal.	946	1547	2087	993	1447	1454	1693	1297	1648	1833
Schenectady, N. Y.	1618	1012	467	1930	1157	1445	1487	1267	1175	776
Seattle, Wash.	1020	1470	1945	1373	1206	1658	1938	1288	1759	1588
Shreveport, La.	799	624	891	752	1002	209	233	615	142	1043
Spokane, Wash.	827	1243	1715	1238	976	1470	1753	1061	1552	1360
Springfield, Mass.	1692	1085	540	1990	1240	1495	1524	1340	1224	860
Vermilton, S. D.	468	187	705	920	284	689	938	167	605	510
Washington, D. C.	1490	895	397	1726	1141	1210	1214	1139	936	813

Air Line Distances in Statute Miles—(Continued)

FROM/TO	Jacksonville, Fla.	Kansas City, Mo.	Los Angeles, Cal.	Louisville, Ky.	Memphis, Tenn.	Miami, Fla.	Minneapolis, Minn.	Missoula, Mont.	Nashville, Tenn.	New Orleans, La.
Albuquerque, N. M.	1492	717	663	1174	938	1710	980	895	1117	1030
Atlanta, Ga.	286	675	1935	317	385	610	905	1790	218	427
Baltimore, Md.	682	962	2313	498	792	958	948	1947	597	1001
Boise, Idaho	2098	1158	663	1623	1506	2368	1140	252	1631	1713
Boston, Mass.	1015	1250	2500	823	1133	1258	1125	2124	941	1569
Brownsville, Texas	1025	923	1370	1093	777	1100	1335	1706	952	534
Buffalo, N. Y.	880	802	2195	483	802	1184	733	1740	628	1087
Chicago, Ill.	861	413	1741	268	481	1190	356	1348	394	681
Cincinnati, Ohio	628	541	1892	92	410	957	603	1578	239	708
Cleveland, Ohio	768	700	2044	309	627	1088	632	1640	456	922
Denver, Colo.	1468	555	828	1035	878	1732	699	670	1018	1079
Des Moines, Ia.	1024	180	1433	477	485	1338	235	1074	523	825
Detroit, Mich.	832	643	1976	315	621	1156	542	1552	468	938
El Paso, Texas	1481	836	702	1253	978	1662	1156	1115	1169	956
Fargo, N. Dak.	1400	548	1426	818	882	1721	219	819	900	1221
Fort Worth, Texas	943	460	1212	751	448	1150	870	1312	643	470
Galveston, Texas	799	677	1423	807	492	941	1087	1595	666	288
Hastings, Nebr.	1178	226	1177	693	591	1468	399	891	697	870
Hot Springs, Ark.	728	326	1437	480	176	983	722	1385	370	358
Houghton, Mich.	1216	633	1787	636	830	1545	272	1208	760	1187
Jacksonville, Fla.	---	952	2153	595	591	328	1192	2070	502	511
Kansas City, Mo.	952	---	1352	480	370	1247	413	1117	472	678
Los Angeles, Calif.	2153	1352	---	1825	1602	2355	1522	910	1777	1675
Louisville, Ky.	595	480	1825	---	319	923	605	1550	153	623
Memphis, Tenn.	591	370	1662	319	---	878	700	1483	195	358
Miami, Fla.	328	1247	2355	923	878	---	1516	2359	821	681
Minneapolis, Minn.	1192	413	1522	605	700	1516	---	1010	695	1050
Missoula, Mont.	2070	1117	910	1550	1483	2359	1010	---	1582	1733
Nashville, Tenn.	502	472	1777	153	195	821	695	1582	---	470
New Orleans, La.	511	678	1675	623	358	681	1050	1733	470	---
New York, N. Y.	838	1097	2446	650	953	1095	1019	2030	758	1173
Norfolk, Va.	548	1009	2352	528	778	802	1047	2045	586	932
Oklahoma, Okla.	988	293	1182	675	422	1233	692	1162	602	575
Omaha, Nebr.	1098	165	1312	579	529	1402	291	978	604	845
Philadelphia, Pa.	758	1037	2388	580	878	1023	985	1997	683	1090
Phoenix, Ariz.	1800	1045	357	1512	1264	1998	1279	932	1445	1318
Pittsburgh, Pa.	703	784	2135	345	660	1014	746	1754	472	923
Portland, Me.	1113	1300	2631	892	1205	1357	1145	2133	1015	1445
Portland, Oreg.	2442	1397	825	1953	1852	2716	1435	430	1970	2063
Richmond, Va.	953	937	2283	457	722	831	998	1967	526	899
St. Louis, Mo.	755	238	1585	242	242	1067	464	1331	253	599
Salt Lake City, Utah	1840	922	577	1400	1250	2098	988	435	1390	1433
San Francisco, Cal.	2375	1500	345	1983	1800	2603	1585	762	1958	1923
Schenectady, N. Y.	960	1107	2445	695	1010	1229	975	1978	820	1259
Seattle, Wash.	2450	1505	956	1945	1867	2740	1403	395	1973	2098
Shreveport, La.	733	326	1420	598	279	950	859	1457	470	280
Spokane, Wash.	2239	1286	939	1720	1652	2528	1173	170	1752	1898
Springfield, Mass.	957	1173	2515	745	1055	1210	1056	2066	863	1287
Vermillion, S. D.	1203	280	1291	663	642	1510	238	887	704	960
Washington, D. C.	647	943	2295	473	763	927	936	1940	567	968

Air Line Distances in Statute Miles—(Continued)

FROM/TO	New York, N. Y.	Norfolk, Va.	Oklahoma, Okla.	Omaha, Nebr.	Philadelphia, Pa.	Phoenix, Ariz.	Pittsburgh, Pa.	Portland, Me.	Portland, Oreg.	Richmond, Va.
Albuquerque, N. M.	1810	1696	518	718	1748	330	1498	2015	1107	1628
Atlanta, Ga.	747	507	753	815	663	1592	520	1022	2172	470
Baltimore, Md.	170	167	1173	1026	90	2002	194	446	2367	128
Boise, Idaho	2153	2137	1138	1044	2113	733	1863	2232	349	2060
Boston, Mass.	188	467	1490	1280	268	2295	478	100	2553	471
Brownsville, Texas	1695	1465	659	1061	1614	1023	1424	1961	1944	1428
Buffalo, N. Y.	291	435	1117	883	278	1904	178	438	1647	375
Chicago, Ill.	711	696	689	432	664	1451	411	892	1765	618
Cincinnati, Ohio	568	474	755	620	501	1578	258	802	1987	399
Cleveland, Ohio	404	429	946	738	343	1735	115	603	2063	353
Denver, Colo.	1628	1562	503	485	1575	585	1320	1803	985	1488
Des Moines, Ia.	1023	983	469	122	972	1154	718	1197	1479	906
Detroit, Mich.	483	522	905	666	444	1685	208	637	1975	445
El Paso, Texas	1902	1755	578	875	1834	347	1592	2126	1286	1695
Fargo, N. Dak.	1213	1258	786	390	1186	1225	952	1313	1248	1180
Fort Worth, Texas	1398	1226	188	590	1324	858	1097	1642	1612	1170
Galveston, Texas	1415	1195	456	828	1335	1065	1140	1878	1885	1154
Hastings, Nebr.	1275	1216	357	135	1222	901	967	1454	1271	1142
Hot Springs, Ark.	1125	955	260	490	1051	1094	825	1371	1733	897
Houghton, Mich.	849	946	926	547	827	1550	630	924	1638	870
Jacksonville, Fla.	838	548	988	1098	758	1800	703	1113	2442	953
Kansas City, Mo.	1097	1009	293	165	1037	1045	784	1300	1397	937
Los Angeles, Calif.	2446	2352	1182	1312	2388	357	2135	2631	825	2283
Louisville, Ky.	650	528	675	579	580	1512	345	892	1953	457
Memphis, Tenn.	953	778	422	529	878	1264	660	1205	1852	722
Miami, Fla.	1095	802	1233	1402	1023	1998	1014	1357	2716	831
Minneapolis, Minn.	1019	1047	692	291	985	1279	745	1145	1435	968
Missoula, Mont.	2030	2045	1162	978	1997	932	1754	2133	430	1967
Nashville, Tenn.	758	586	602	604	683	1445	+72	1015	1970	526
New Orleans, La.	1173	932	575	845	1090	1318	923	1445	2063	899
New York, N. Y.	---	293	1324	1144	83	2142	313	277	2455	287
Norfolk, Va.	293	---	1186	1095	220	2027	316	565	2458	79
Oklahoma, Okla.	1324	1186	---	405	1256	843	1018	1550	1488	1122
Omaha, Nebr.	1144	1095	405	---	1094	1032	837	1318	1373	1020
Philadelphia, Pa.	83	220	1256	1094	---	2079	254	360	2419	205
Phoenix, Ariz.	2142	2027	843	1032	2079	---	1829	2345	1007	1960
Pittsburgh, Pa.	313	316	1013	837	254	1829	---	545	2174	242
Portland, Me.	277	565	1550	1318	360	2345	545	---	2563	565
Portland, Oreg.	2455	2458	1488	1373	2419	1007	2174	2593	---	2381
Richmond, Va.	287	79	1122	1020	205	1960	242	565	2381	---
St. Louis, Mo.	873	771	456	352	808	1270	561	1094	1723	699
Salt Lake City, Utah	1972	1925	862	833	1923	504	1670	2127	636	1850
San Francisco, Cal.	2568	2510	1386	1425	2518	652	2264	2725	536	2436
Schenectady, N. Y.	142	426	1354	1133	205	2152	850	197	2405	406
Seattle, Wash.	2419	2440	1523	1372	2388	1112	2145	2513	143	2362
Shreveport, La.	1230	1037	297	617	1153	1067	939	1484	1783	935
Spokane, Wash.	2190	2211	1324	1149	2159	1020	1918	2285	295	2133
Springfield, Mass.	120	411	1412	1205	201	2220	400	159	2468	407
Vermillion, S. D.	1189	1166	502	115	1143	1043	891	1845	1298	1059
Washington, D. C.	204	145	1150	1012	122	1980	188	480	2360	96

Air Line Distances in Statute Miles—(Continued)

FROM/TO	St. Louis, Mo.	Salt L. C., Utah	San Francisco	Schenectady, N. Y.	Seattle, Wash.	Shreveport, La.	Spokane, Wash.	Springfield, Mass.	Vermillion, S. D.	Washington, D. C.
Albuquerque, N. M.	938	483	893	1823	1178	764	1028	1899	742	1648
Atlanta, Ga.	467	1580	2133	840	2180	548	1960	863	917	542
Baltimore, Md.	731	1858	2451	278	2341	1064	2110	282	1083	83
Boise, Idaho	1389	292	516	2120	406	1433	290	2196	973	2045
Boston, Mass.	1036	2099	2696	150	2508	1410	2279	79	1314	392
Brownsville, Texas	975	1317	1675	1770	2015	510	1852	1805	1161	1493
Buffalo, N. Y.	662	1701	2298	249	2130	1080	1900	325	916	290
Chicago, Ill.	259	1260	1855	702	1743	725	1514	774	479	594
Cincinnati, Ohio	308	1450	2037	605	1974	688	1746	659	694	408
Cleveland, Ohio	490	1567	2163	408	2035	904	1804	478	785	808
Denver, Colo.	793	372	946	1618	1020	769	827	1692	468	1490
Des Moines, Ia.	270	952	1547	1012	1470	624	1243	1085	187	896
Detroit, Mich.	452	1490	2087	467	1945	891	1715	540	705	397
El Paso, Texas	1033	689	993	1930	1373	752	1238	1990	920	1726
Fargo, N. Dak.	658	865	1447	1157	1206	1002	976	1240	284	1141
Fort Worth, Texas	568	977	1454	1445	1658	209	1470	1495	689	1210
Galveston, Texas	697	1249	1693	1487	1938	233	1753	1524	938	1214
Hastings, Nebr.	455	708	1297	1267	1288	615	1061	1340	167	1189
Hot Springs, Ark.	325	1116	1648	1175	1759	142	1552	1224	605	986
Houghton, Mich.	591	1242	1833	776	1588	1043	1369	860	510	813
Jacksonville, Fla.	755	1840	2375	960	2450	733	2239	957	1203	647
Kansas City, Mo.	238	922	1500	1107	1505	826	1286	1173	280	943
Los Angeles, Calif.	1585	677	845	2445	956	1420	939	2515	1291	2295
Louisville, Ky.	242	1400	1983	695	1945	598	1720	745	663	478
Memphis, Tenn.	242	1250	1890	1010	1867	279	1652	1055	642	763
Miami, Fla.	1067	2098	2603	1229	2740	950	2528	1210	1510	927
Minneapolis, Minn.	464	988	1585	975	1403	859	1173	1056	288	966
Missoula, Mont.	1331	435	762	1978	395	1457	170	2060	887	1940
Nashville, Tenn.	253	1390	1958	820	1973	470	1752	863	704	567
New Orleans, La.	599	1433	1923	1259	2098	280	1898	1287	960	968
New York, N. Y.	873	1972	2568	142	2419	1230	2190	120	1189	204
Norfolk, Va.	771	1925	2510	426	2440	1087	2211	411	1166	145
Oklahoma, Okla.	456	862	1386	1354	1523	297	1324	1412	502	1150
Omaha, Nebr.	352	833	1426	1133	1872	617	1149	1205	115	1012
Philadelphia, Pa.	508	1923	2518	205	2388	1158	2159	201	1143	122
Phoenix, Ariz.	1270	504	652	2152	1112	1067	1020	2220	1043	1980
Pittsburgh, Pa.	561	1670	2264	850	2145	939	1918	400	891	188
Portland, Me.	1094	2127	2725	197	2513	1484	2285	159	1345	480
Portland, Oreg.	1723	636	536	2405	143	1783	295	2488	1293	2960
Richmond, Va.	699	1850	2436	406	2362	985	2133	407	1089	96
St. Louis, Mo.	---	1158	1738	898	1722	466	1500	958	450	710
Salt Lake City, Utah	1158	---	592	1950	697	1155	548	2067	785	1845
San Francisco, Cal.	1738	592	---	2548	680	1655	730	2625	1383	2487
Schenectady, N. Y.	898	1950	2548	---	2363	1290	2139	86	1165	813
Seattle, Wash.	1722	697	680	2363	---	1820	229	2445	1282	2335
Shreveport, La.	466	1155	1655	1290	1820	---	1621	1833	726	1035
Spokane, Wash.	1500	548	730	2139	229	1621	---	2216	1055	2105
Springfield, Mass.	958	2027	2625	86	2445	1333	2216	---	1242	321
Vermillion, S. D.	450	785	1383	1165	1282	726	1055	1242	---	1673
Washington, D. C.	710	1845	2437	813	2335	1035	2165	321	1073	---

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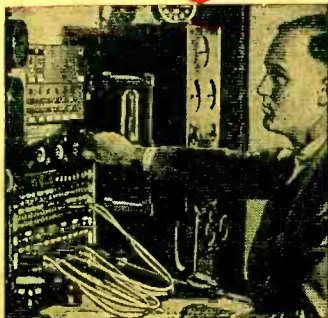
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