

# Sylvania

REG. U.S. PAT. OFF.



# RADIO LOG



# Proving —

## "Good Things Often Come in Small Packages"

There is no other radio log similar to this. It is so simple a child can use it. A few moments spent to grasp the author's scheme and the whole broadcasting structure is clearly unfolded to permit intelligent operation of any radio.

It is the only log which quickly localizes itself to the user's particular location. On the next page for instance, whether you live on the East or West coast, or in between, one of the four columns lists your local and easy-to-get stations in their exact order as you turn your dial in one direction. Record your exact dial number for any station heard in that blank center column and TWO things happen: 1. You automatically record for all stations listed between the two lines in the same and other three columns. 2. You eliminate the same stations from possible reception until the station being heard signs off.

Record another setting for a station about an inch above or below it and all of the other stations listed between your two figures can only be heard at intermediate settings. And usually you can identify them as fast as you turn your dial.

Just as a 100 watt lamp, instead of a 20, improves your ability to see, super-power stations are heard better at greater distances. Those marked F are only 50 watts, W, 50,000 as shown in the power code. Stations with T, U, V and W power can generally be heard from coast to coast at night, the lower powered stations on same setting sign off for them at local sunset. Symbols indicate respective network outlets in every part of the continent.

### POLICE CALLS

Stations are still listed in exact order, but, beginning with short wave to avoid unwieldy numbers it is universal practice to use a decimal in place of a comma and for 1,660 kilocycles—1.66 megacycles is the term. Police frequencies of the more prominent cities are shown, and also sections of the dial where amateurs, airplanes and ships will be heard.

### SHORT WAVE

It is most important for you to know WHERE and WHEN to tune. To convey this information simply and make it quickly adjusted to YOUR Time Zone taxed ingenuity and requires your indulgence. Take your pencil and rule out THREE rows of hour figures, leaving only the one indicated for YOUR Zone, and save yourself all further calculations.

Many hours have been spent placing tiny symbols to denote half hour periods. Points UP for morning, points DOWN for afternoon and a diamond for both. You can hastily glance down the row for the hour you tune and see which stations are operating. Regardless of the time at points of broadcast, the chart is converted to YOUR time after three rows of hour figures have been marked out.

To best serve you, stations supplying programs of amusement and education have been selected.

### SHORT WAVE TUNING IS DIFFERENT

Do not expect to hear Short-Wave stations from all over the World at any time you turn on the receiver. Tune systematically, s-l-o-w-l-y and carefully. Simply because a station is on the air, do not assume that it should necessarily be heard in your location. Skip distances, storms, directional antennas and other things may prevent it reaching you. To avoid passing stations, tune with full volume and lower it after the station is located. Faint signals often develop to good strength when tuned with care. It is better to turn your tone control to "deep" removing harshness from interfering noises.

For most of you, the column listing meters will be disregarded. It will serve to convert meter terms, when heard, to megacycles for your convenience. And when you hear 9,510 kilocycles mentioned remember it is 9.51 megacycles.

Radio Menu, a companion of this log, requires revision monthly and is too short-lived to include herein. It lists the three major network programs during each of 16, fifteen minute periods for each evening of the week. A constant reminder of re-curring programs. It too, adapts itself to any locality or time zone, indicates extent of national coverage of each and key stations from which to hear them by long or short wave. Current and succeeding issues mailed for 10c to cover postage, etc. One log and two menus, 25c. Five or more logs and 12 menus during the year for \$1.00 from the address below.

WESTERN		MIDDLE WESTERN	KILO	Dial No.	CENTRAL	EASTERN
Wash., Ore., Cal., Utah, Etc.		Minn., Ia., Neb., Mo., Tex., Etc.			Ill., Mich., Ohio, Tenn., Etc.	
Mass., N. Y., Pa., N. C., Etc.						
CJRM	Moose Jaw, Sask.	†KSD	St. Louis, Mo.	54	*WKRC	Cincinnati, Ohio
KOAC	Corvallis, Ore.	*KTSA	San Antonio, Tex.	55	WVA	Staunton Va.
†KFYR	Bismarck, N. D.	KWTO	Springfield, Mo.	56	WIND	Chicago-Gary
†KLZ	Denver, Colo.	KFDM	Beaumont, Tex.	57	*WIS	Columbia, S.C.
KTAB	San Francisco, Cal.	*WNAX	Yankton, S. D.	58	*WKBN	Youngstown, Ohio
*KVI	Tacoma, Wash.	KGKO	Wichita Falls, Tex.	59	WOSU	Columbus, Ohio
KMTR	Los Angeles, Cal.	*WIBW	Topeka, Kas.	60	WCHS	Charleston, W. Va.
*KCUA	Edmonton, Alta.	KSAC	Manhattan, Kas.	61	WDBO	Orlando, Fla.
KMJ	Fresno, Cal.	†WOW	Omaha, Neb.	62	WKZO	Kalamazoo, Mich.
†KHQ	Spokane, Wash.	XEPN	Pedras Negras, Coah. W.	63	CMW	Havana, Cuba
CJOR	Vancouver B.C.	*WMT	Waterloo, Iowa	64	†CFCC	Montreal, Que.
†KFSJ	San Diego, Cal.	*WREC	Memphis, Tenn.	65	CRCW	Windsor Ont.
*KFRC	San Francisco, Cal.	†WDAF	Kansas City, Mo.	66	WJAY	Cleveland, Ohio
†KGV	Portland, Ore.			67	†WTMJ	Milwaukee, Wis.
†KTAR	Phoenix, Ariz.			68	WFLA	WSUN Florida
CJGX	Yorkton, Sask.	KFRU	Columbia, Mo.	69	WGBF	Evansville, Ind.
*KTRH	Houston, Tex.	WOS	Jefferson City, Mo.	70	WAIU	Columbus, Ohio
†KFI	Los Angeles, Cal.	WOI	Ames, Iowa	71	†WSM	Nashville, Tenn.
		XFG	Mexico City, D. F.	72		
		WAAW	Omaha, Nebr.	73		
				74		
†KPO	San Francisco, Cal.	KFEQ	St. Joseph, Mo.	75	†WMAQ	Chicago, Ill.
CJCY	Calgary, Alta.	XET	Monterey, Mex.	76	CMAF	Havana, Cuba
					NAA	Arlington, Va.
					†WLW	Cincinnati, Ohio
KPCB	Seattle, Wash.	XEN	Mexico City			
KMPC	Beverly Hills, Cal.				WGN	Chicago, Ill.
					CMK	Havana, Cuba
CJCA	Edmonton, Alta.	KMMJ	Clay Center, Neb.		†WSB	Atlanta, Ga.
KTRB	Modesto, Cal.				†WJR	Detroit, Mich.
†KGU	Honolulu, Hawaii	WEW	St. Louis, Mo.			
KXA	Seattle, Wash.					
XEBC	Agua Caliente Mex.					

KFDQ	Anchorage, Al.	*KFAB	Lincoln, Nebr.	77	*WBBM	Chicago, Ill.
KTM	Los Angeles (KELW)	†KGHL	Billings, Mont.	78	WMC	Memphis, Tenn.
†KGO	San Francisco, Cal.	KFDY	Brookings, S. D.	79	CMCQ	Havana, Cuba
		†WFAA	Dallas, (†WBAP)	80	CMJK	Camaguey, Cuba
		*WCCO	Minneapolis, Minn.	81		
		†KOA	Denver, Colo.	82	*WHAS	Louisville, Ky.
CFQC	Saskatoon, Sask.			83	WRUF	Gainesville, Fla.
KIEV	Glendale, Cal.	WHB	Kansas City, Mo.	84	CMC	Havana, Cuba
XEMO	Tijuana Mex.			85	WVL	New Orleans, La.
		WSUI	Iowa City, Ia.	86	†WENR	WLS Chicago, Ill.
		KFKA	KPOF Colorado	87	CRCO	Ottawa, Ont.
KSEI	Pocatello, Idaho	KFNW	Shenandoah (KUSD)	88	WCCO	Meridian, Miss.
KARK	Little Rock, Ark.	XEW	Mexico City	89	WILL	Urbana, Ill. (WBAA)
†KGA	Spokane, Wash.	*WKY	Okl. City, Okla.	90	WMMN	Fairmont, W. Va.
*KHJ	Los Angeles, Cal.	XENT	Nuevo Laredo, Mex.	91	WLBL	Stevens Pt., Wis.
CJAT	Trall, B.C.			92	CMX	Havana, Cuba
†KOMO	Seattle, Wash.	†KPRC	Houston, Texas	93	†WVJ	Detroit, Mich.
XEOK	Tijuana, Mex.	KFEL	KVOD Denver	94	WAAF	Chicago, Ill.
KROW	Oakland, Cal.	KMA	Shenandoah, Ia.	95	*WBRC	Birmingham, Ala.
KFWI	San Francisco, Cal.	KGBZ	York, Nebr.	96	†WAVE	Louisville, Ky.
*KOIN	Portland, Ore.	†WDAY	Fargo, N. D.	97	XEFO	Mexico City, Mex.
KFWB	Hollywood, Cal.	WHA	Madison, Wis.	98		
		*KMBC	Kansas City, Mo.	99		
		XEAW	Reynosa, Tams.	100		
		CKY	Winnipeg, Man.	101		
†KJR	Seattle, Wash.	XEP	Mexico City	102		
		XES	Tampico, Mex.	103		
		XEAF	Nogales, Mexico			
KFVD	Los Angeles, Cal.	†WHO	Des Moines, Iowa			
CKCK	CHWC Regina, Sk.	KGGF	Coffeyville, Kas.			
KQW	San Jose, Cal.	WNAD	Norman, Okla.			
CFCN	Calgary, Alta.					

50 75 100 150 200 250 300 500 750 1000										POWER CODE		1500 2000 2500 5000 10000 15000 25000 50000									
F G H I J K L M N O		K I L O		Dial No.		P Q R S T U V W		WESTERN		MIDDLE WESTERN		CENTRAL		EASTERN							
KWJJ Portland, Ore. .... M		*KRRLD Dallas, Tex. .... T		104		WKAR E. Lansing, Mich. .... O		†WTIC Hartford, Conn. .... W		*KXN Los Angeles, Cal. .... W		KFBI Abilene, Kas. .... S		CRCK Quebec Que. .... O							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		106		†WTAM Cleveland, Ohio. .... W		†WBAL Baltimore, Md. .... T		*KMOX St. Louis, Mo. .... W		WMBI Chicago, Ill. (WCBD) S		*WBT Charlotte, N. C. .... W							
CRCV Vancouver, B. C. .... O		†KTHS Hot Springs, Ark. .... T		108		WMBI Chicago, Ill. (WCBD) S		*WESG Elmira, N. Y. .... O		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WLWL New York City .... S							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		107		WMBI Chicago, Ill. (WCBD) S		*WPG Atlanta City, N. J. .... S		KSOO Sioux Falls, S. D. .... R		*WISN Milwaukee, Wis. .... M		†WRVA Richmond, Va. .... S							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		109		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KMOX St. Louis, Mo. .... W		*WJW Hamilton, Ont. .... M		†CHSJ St. John, N.B. .... H							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		110		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WDEL Wilmington, Del. .... M							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		111		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WVOV New York City .... O							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		112		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WHAM Rochester, N. Y. .... W							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		113		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		*WVVA Wheeling, W. Va. .... S							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		114		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		*WCAU Philadelphia, Pa. .... W							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		115		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WINS New York City .... O							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		116		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WATR Waterbury, Conn. .... H							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		117		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WABI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		118		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		119		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		120		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		121		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		122		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		123		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		124		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		125		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		126		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		127		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		128		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		129		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		130		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		131		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		132		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		133		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		134		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		135		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		136		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		137		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		138		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		139		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		140		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		141		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		142		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		143		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		144		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		145		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		146		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		147		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		148		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		149		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		150		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		151		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		152		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		153		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		154		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		155		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		WJAG Norfolk, Nebr. .... O		156		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		*KWKK Shreveport, La. .... T		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							
KJBS San Francisco, Cal. .... M		†KTHS Hot Springs, Ark. .... T		157		WMBI Chicago, Ill. (WCBD) S		*WJW Hamilton, Ont. .... M		KSOO Sioux Falls, S. D. .... R		*WJW Hamilton, Ont. .... M		†WBI-WNBO-CKTB							

Turning to the next page, terms will be in megacycles, but stations will continue in orderly procession. To understand their relation, point off THREE places in the above 1570 kilocycles and think of it as 1.57 MEGacycles. Easy, isn't it?





# INTERNATIONAL MORSE CODE

A	.....	G	.....	M	.....	S	.....	Y	.....	4	.....
B	.....	H	.....	N	.....	T	.....	Z	.....	5	.....
C	.....	I	.....	O	.....	U	.....			6	.....
D	.....	J	.....	P	.....	V	.....	1	.....	7	.....
E	.....	K	.....	Q	.....	W	.....	2	.....	8	.....
F	.....	L	.....	R	.....	X	.....	3	.....	9	.....

## ALPHABETICAL INDEX OF RADIO STATIONS

<b>KABC</b> San Antonio, Tex 1420 H	<b>KFWB</b> Los Angeles, Cal 950 O	<b>KIDW</b> Lamar, Cal 1420 H	<b>KRMD</b> Shreveport, La 1310 H
<b>KABR</b> Aberdeen, S.D. 1370 H	<b>KFXD</b> Nampa, Idaho 1200 H	<b>KIEM</b> Eureka, Cal 1210 H	<b>KROW</b> Oakland, Cal 930 O
<b>KADA</b> Ada, Okla 1200 H	<b>KFXJ</b> Grand Junction, Colo 2200 H	<b>KIEV</b> Glendale, Cal 850 K	<b>KRSC</b> Seattle, Was 1120 H
<b>KALE</b> Portland, Ore 1300 M	<b>KFXM</b> San Bernardino, 1210 H	<b>KIT</b> Yakima, Was 1310 H	<b>KRSC</b> Manhattan, Kan 580 M
<b>KARK</b> Little Rock, Ark 890 M	<b>KFXR</b> Oklahoma City, Okl 1310 K	<b>KJBS</b> San Francisco, Cal 1070 M	<b>KSCJ</b> Sloux City, Ia 1330 R
<b>KASA</b> Elk City, Okl 1210 H	<b>KFYO</b> Lubbock, Tex 1310 H	<b>KJRN</b> Seattle, Was 970 S	<b>KSD</b> St. Louis, Mo 550 O
<b>KBPS</b> Portland, Ore 1420 H	<b>KFYB</b> Bismarck, N.D. 550 O	<b>KJTN</b> Blytheville, Ark 1290 H	<b>KSEL</b> Salt Lake City, U. 1130 W
<b>KBTM</b> Jonesboro, Ark 1200 H	<b>KGA</b> Spokane, Was 900 S	<b>KLO</b> Ogden, Utah 1400 M	<b>KSL</b> Salt Lake City, U. 1130 W
<b>KCMC</b> Texarkana, Ark 1420 H	<b>KGAR</b> Tucson, Ariz 1370 K	<b>KLPM</b> Minot, N.D. 1240 K	<b>KSLM</b> Salem, Ore 1370 H
<b>KCRC</b> Enid, Okla 1370 K	<b>KGB</b> San Diego, Cal 1330 O	<b>KLRA</b> Little Rock, Ark 1390 R	<b>KSO</b> Des Moines, Ia 1320 K
<b>KCRJ</b> Jerome, Ariz 1310 H	<b>KGBU</b> Ketchikan, Alaska 900 M	<b>KLS</b> Oakland, Cal 1440 K	<b>KSOO</b> Sloux Falls, S.D. 1110 R
<b>KDB</b> Santa Barb., Cal 1500 H	<b>KGBX</b> Springfield, Mo 1310 K	<b>KLUF</b> Galveston, Tex 1370 K	<b>KSTP</b> St. Paul, Minn 1460 V
<b>KDFN</b> Jasper, Wyo 1440 M	<b>KGBZ</b> Norfolk, Neb 930 O	<b>KLX</b> Oakland, Cal 560 M	<b>KSUN</b> Lowell, Ariz 1200 H
<b>KDKA</b> Pittsburgh, Pa 980 W	<b>KGC</b> Decatur, Iowa 127 H	<b>KLZ</b> Denver, Col 560 O	<b>KTAN</b> San Francisco, Cal 1560 O
<b>KDLR</b> Devils Lake, N.D. 1210 H	<b>KGCC</b> Mandan, N.D. 1240 K	<b>KMA</b> Shenandoah, Ia 930 O	<b>KTAR</b> Phoenix, Ariz 620 O
<b>KDYL</b> Salt Lake City, U. 1290 H	<b>KGCX</b> Wolf Point, Mont 1310 K	<b>KMAC</b> San Antonio, Tex 1370 H	<b>KTAT</b> Ft. Worth, Tex 1240 O
<b>KECA</b> Los Angeles, Cal 1430 O	<b>KGDE</b> Ferguson Falls, Minn. 1200 K	<b>KMBC</b> Kansas City, Mo 950 O	<b>KTBS</b> Shreveport, La 1450 O
<b>KELW</b> Burbank, Cal 1700 M	<b>KGDM</b> Stockton, Cal 1100 K	<b>KMED</b> Medford, Ore 1310 K	<b>KTFI</b> Twin Falls, Ida 1240 M
<b>KERN</b> Bakersfield, Cal 1370 H	<b>KGDY</b> Huron, S.D. 1340 K	<b>KML</b> Fresno, Cal 880 O	<b>KTHS</b> Hot Springs, Ark 1060 T
<b>KEX</b> Portland, Ore 1180 S	<b>KGEG</b> Sterling, Col 1200 H	<b>KMLB</b> Monroe, La 1200 H	<b>KTM</b> Los Angeles, Cal 780 O
<b>KFB</b> Lincoln, Neb 770 V	<b>KGER</b> Long Beach, Cal 1360 O	<b>KMMJ</b> Clay Center, Neb 740 O	<b>KTRB</b> Modesto, Cal 740 K
<b>KFAC</b> Los Angeles, Cal 1300 O	<b>KGEF</b> Kallispell, Mont 1310 H	<b>KMO</b> Tacoma, Was 1330 K	<b>KTRH</b> Houston, Tex 630 O
<b>KFBB</b> Great Falls, Mont 1280 O	<b>KGEZ</b> Shawnee, Okl 1420 H	<b>KMOX</b> St. Louis, Mo 1090 W	<b>KTSA</b> San Antonio, Tex 550 O
<b>KFBI</b> Abilene, Kas 1050 S	<b>KGFQ</b> Okla. City, Okl 1370 H	<b>KMPK</b> Beverly Hills, Cal 710 M	<b>KTSM</b> El Paso, Tex 1310 H
<b>KFBK</b> Sacramento, Cal 1310 H	<b>KGFJ</b> Cor. Christi, Tex 1500 K	<b>KMTR</b> Los Angeles, Cal 570 O	<b>KTUL</b> Tulsa, Okla 1400 H
<b>KFBL</b> Everett, Was 1370 F	<b>KGFJ</b> Los Angeles, Cal 1200 H	<b>KNW</b> Kansas City, Mo 1300 H	<b>KTW</b> Seattle, Was 1220 O
<b>KFDM</b> Beaumont, Tex 560 M	<b>KGFL</b> Duluth, Minn 1500 H	<b>KNX</b> Los Angeles, Cal 1050 W	<b>KUJ</b> Walla Walla, Was 1370 H
<b>KFDY</b> Brookings, S.D. 778 O	<b>KGFR</b> Roswell, N.M. 1370 H	<b>KOA</b> Denver, Col 830 W	<b>KUMA</b> Yuma, Ariz 1420 H
<b>KFEL</b> Denver, Col 920 M	<b>KGFV</b> Kearney, Neb 1310 H	<b>KOAC</b> Corvallis, Ore 550 O	<b>KUOA</b> Fayetteville, Ark 1260 O
<b>KFEQ</b> St. Joseph, Mo 680 R	<b>KGFW</b> Pierre, S.D. 630 J	<b>KOB</b> Albuquerque N.M. 1180 T	<b>KUSD</b> Vermillion, S.D. 890 M
<b>KFGQ</b> Boone, Iowa 1370 O	<b>KGGC</b> San Francisco, Cal 1420 H	<b>KOH</b> Reno, Nev 1380 M	<b>KVI</b> Tacoma, Was 570 O
<b>KFH</b> Wichita, Kan 1300 O	<b>KGGF</b> Coffeyville, Kan 1910 O	<b>KOIL</b> Council Bluffs, Ia 1260 O	<b>KVL</b> Seattle, Was 1370 H

<b>KFI</b> Los Angeles, Cal 640 W	<b>KFKI</b> Spokane, Nev 1120 H
<b>KFIO</b> Fond du Lac, Wis 1420 H	<b>KFJ</b> Marshalltown, Ia 1200 H
<b>KFJB</b> Klamath Falls, Ore 1210 H	<b>KFJL</b> Gd. Forks, ND 1370 H
<b>KFJM</b> Portland, Ore 1300 M	<b>KFJZ</b> Ft. Worth, Tex 1370 H
<b>KFJZ</b> Ft. Worth, Tex 1370 H	<b>KFK</b> Greeley, Col 1310 C
<b>KFKL</b> Lawrence, Kan 1220 H	<b>KFKN</b> Shenandoah, Ia 890 M
<b>KFNF</b> Shenandoah, Ia 890 M	<b>KFOR</b> Lincoln, Neb 1210 K
<b>KFOX</b> Long Beach, Cal 1250 O	<b>KFPL</b> Dublin, Tex 1310 H
<b>KFPP</b> Greeley, Col 1310 C	<b>KFP</b> Ft. Smith, Ark 1210 H
<b>KFPW</b> Ft. Smith, Ark 1210 H	<b>KFPY</b> Spokane, Was 1340 O
<b>KFPY</b> Spokane, Was 1340 O	<b>KFQD</b> Anchorage, Alaska 780 K
<b>KFR</b> Anchorage, Alaska 780 K	<b>KFR</b> San Francisco, Cal 610 O
<b>KFRD</b> Columbia, Mo 630 M	<b>KFRS</b> San Diego, Cal 600 O
<b>KFRS</b> San Diego, Cal 600 O	<b>KFSG</b> Los Angeles, Cal 1120 M
<b>KFSG</b> Los Angeles, Cal 1120 M	<b>KFSL</b> St. Louis, Mo 550 M
<b>KFV</b> St. Louis, Mo 550 M	<b>KFV</b> Los Angeles, Cal 1000 K
<b>KFVS</b> C. Girardeau, Mo 1210 K	

<b>KGGM</b> Albuquerque, N.M. 1230 M	<b>KGHI</b> Pueblo, Col 1320 M
<b>KGHI</b> Pueblo, Col 1320 M	<b>KGHL</b> Little Rock, Ark 1200 K
<b>KGHL</b> Little Rock, Ark 1200 K	<b>KGIL</b> Billings, Mont 780 O
<b>KGIL</b> Billings, Mont 780 O	<b>KGIW</b> Butte, Mont 1360 O
<b>KGIW</b> Butte, Mont 1360 O	<b>KGIW</b> Alamogosa, Cal 1420 H
<b>KGIX</b> Las Vegas, Nev 1420 H	<b>KGK</b> Tyler, Tex 1500 H
<b>KGK</b> Tyler, Tex 1500 H	<b>KGKL</b> San Luis, Tex 1370 K
<b>KGKL</b> San Luis, Tex 1370 K	<b>KGKO</b> Wichita Falls, Tex 570 M
<b>KGKO</b> Wichita Falls, Tex 570 M	<b>KGKY</b> Scotts Bluff, Neb 1500 H
<b>KGKY</b> Scotts Bluff, Neb 1500 H	<b>KGMB</b> Honolulu, T. H. 1320 K
<b>KGMB</b> Honolulu, T. H. 1320 K	<b>KGNF</b> No. Platte, Neb 1430 M
<b>KGNF</b> No. Platte, Neb 1430 M	<b>KGD</b> Dodge City, Kas 1240 K
<b>KGD</b> Dodge City, Kas 1240 K	<b>KGO</b> San Francisco, Cal 790 T
<b>KGO</b> San Francisco, Cal 790 T	<b>KGRS</b> Amarillo, Tex 1410 O
<b>KGRS</b> Amarillo, Tex 1410 O	<b>KGU</b> Honolulu, Hawaii 750 R
<b>KGU</b> Honolulu, Hawaii 750 R	<b>KGVO</b> Missoula, Mont 1200 H
<b>KGVO</b> Missoula, Mont 1200 H	<b>KGW</b> Portland, Ore 620 O
<b>KGW</b> Portland, Ore 620 O	<b>KGY</b> Olympia, Was 1210 H
<b>KGY</b> Olympia, Was 1210 H	<b>KHJ</b> Los Angeles, Cal 900 O
<b>KHJ</b> Los Angeles, Cal 900 O	<b>KHK</b> Spokane, Was 590 Q
<b>KHK</b> Spokane, Was 590 Q	<b>KICA</b> Clovis, N.M. 1370 H
<b>KICA</b> Clovis, N.M. 1370 H	<b>KID</b> Idaho Falls, Ida 1320 M
<b>KID</b> Idaho Falls, Ida 1320 M	<b>KIDO</b> Boise, Ida 1350 O

<b>KOIN</b> Portland, Ore 940 R	<b>KOL</b> Seattle, Was 1270 O
<b>KOL</b> Seattle, Was 1270 O	<b>KOMA</b> Okla. City, Okla 1480 S
<b>KOMA</b> Okla. City, Okla 1480 S	<b>KOMO</b> Seattle, Was 920 O
<b>KOMO</b> Seattle, Was 920 O	<b>KONO</b> San Antonio, Tex 1370 H
<b>KONO</b> San Antonio, Tex 1370 H	<b>KOOS</b> Marshfield, Ore 1200 H
<b>KOOS</b> Marshfield, Ore 1200 H	<b>KORE</b> Eugene, Ore 1420 H
<b>KORE</b> Eugene, Ore 1420 H	<b>KOTN</b> Pine Bluff, Ark 1500 H
<b>KOTN</b> Pine Bluff, Ark 1500 H	<b>KOY</b> Phoenix, Ariz 1390 M
<b>KOY</b> Phoenix, Ariz 1390 M	<b>KPAC</b> Port Arthur, Tex 1260 M
<b>KPAC</b> Port Arthur, Tex 1260 M	<b>KPCB</b> Seattle, Was 710 K
<b>KPCB</b> Seattle, Was 710 K	<b>KPJM</b> Prescott, Ariz 1500 H
<b>KPJM</b> Prescott, Ariz 1500 H	<b>KPF</b> San Francisco, Cal 680 W
<b>KPF</b> San Francisco, Cal 680 W	<b>KPO</b> Denver, Col 920 M
<b>KPO</b> Denver, Col 920 M	<b>KPPC</b> Pasadena, Cal 1210 F
<b>KPPC</b> Pasadena, Cal 1210 F	<b>KPP</b> Wenatchee, Was 1500 H
<b>KPP</b> Wenatchee, Was 1500 H	<b>KPRC</b> Houston, Tex 920 O
<b>KPRC</b> Houston, Tex 920 O	<b>KQV</b> Pittsburgh, Pa 1380 M
<b>KQV</b> Pittsburgh, Pa 1380 M	<b>KQW</b> San Jose, Cal 1010 O
<b>KQW</b> San Jose, Cal 1010 O	<b>KRF</b> Berkeley, Cal 1370 H
<b>KRF</b> Berkeley, Cal 1370 H	<b>KREG</b> Santa Ana, Cal 1450 H
<b>KREG</b> Santa Ana, Cal 1450 H	<b>KRGV</b> Weslaco, Tex 1260 M
<b>KRGV</b> Weslaco, Tex 1260 M	<b>KRKD</b> Los Angeles, Cal 1120 M
<b>KRKD</b> Los Angeles, Cal 1120 M	<b>KRKO</b> Everett, Wash 1370 F
<b>KRKO</b> Everett, Wash 1370 F	<b>KRLD</b> Dallas, Tex 1040 T

<b>KVQA</b> Tucson, Ariz 1260 M	<b>KVOD</b> Denver, Col 920 M
<b>KVOD</b> Denver, Col 920 M	<b>KVOU</b> Tulsa, Okla 1140 W
<b>KVOU</b> Tulsa, Okla 1140 W	<b>KVOR</b> Colo. Spgs., Okl 1270 O
<b>KVOR</b> Colo. Spgs., Okl 1270 O	<b>KVOS</b> Bellingham, Was 1200 H
<b>KVOS</b> Bellingham, Was 1200 H	<b>KWCR</b> Cedar Rapids, Ia 1430 K
<b>KWCR</b> Cedar Rapids, Ia 1430 K	<b>KWEA</b> Shreveport, La 1210 H
<b>KWEA</b> Shreveport, La 1210 H	<b>KWFV</b> Hilo, Hawaii, T. H. 1210 H
<b>KWFV</b> Hilo, Hawaii, T. H. 1210 H	<b>KWGG</b> Stockton, Cal 1200 H
<b>KWGG</b> Stockton, Cal 1200 H	<b>KWJJ</b> Portland, Ore 1040 M
<b>KWJJ</b> Portland, Ore 1040 M	<b>KWK</b> St. Louis, Mo 1350 O
<b>KWK</b> St. Louis, Mo 1350 O	<b>KWKK</b> Kansas City, Mo 1370 H
<b>KWKK</b> Kansas City, Mo 1370 H	<b>KWKH</b> Shreveport, La 1100 T
<b>KWKH</b> Shreveport, La 1100 T	<b>KWLC</b> Decatur, Ia 1270 H
<b>KWLC</b> Decatur, Ia 1270 H	<b>KWSC</b> Pullman, Was 1220 O
<b>KWSC</b> Pullman, Was 1220 O	<b>KWTN</b> Wrentham, S.D. 1210 H
<b>KWTN</b> Wrentham, S.D. 1210 H	<b>KWTO</b> Springfield, Mo. 560 M
<b>KWTO</b> Springfield, Mo. 560 M	<b>KWYO</b> Sheridan, Wyo 1370 H
<b>KWYO</b> Sheridan, Wyo 1370 H	<b>KXA</b> Seattle, Was 760 M
<b>KXA</b> Seattle, Was 760 M	<b>KXL</b> Portland, Ore 1420 K
<b>KXL</b> Portland, Ore 1420 K	<b>KXO</b> El Centro, Cal 1150 H
<b>KXO</b> El Centro, Cal 1150 H	<b>KXRO</b> Aberdeen, Was 1310 H
<b>KXRO</b> Aberdeen, Was 1310 H	<b>KXYZ</b> Houston, Tex 1440 M
<b>KXYZ</b> Houston, Tex 1440 M	<b>KYA</b> San Francisco, Cal 1230 O
<b>KYA</b> San Francisco, Cal 1230 O	<b>KYW</b> Philadelphia, Pa 1020 T

### CANADIAN

<b>CFAC</b> Calgary, Alta 930 H	<b>CFCH</b> Montreal, Que 600 M
<b>CFCH</b> Montreal, Que 600 M	<b>CFCH</b> North Bay, Ont 930 H
<b>CFCH</b> North Bay, Ont 930 H	<b>CFCN</b> Calgary, Alta 1030 T
<b>CFCN</b> Calgary, Alta 1030 T	<b>CFCO</b> Chatham, Ont 600 H
<b>CFCO</b> Chatham, Ont 600 H	<b>CFCY</b> Charlottetown, PEI 630 M
<b>CFCY</b> Charlottetown, PEI 630 M	<b>CFHM</b> Kamloops, B.C. 610 H
<b>CFHM</b> Kamloops, B.C. 610 H	<b>CFPL</b> Prescott, Ont 930 H
<b>CFPL</b> Prescott, Ont 930 H	<b>CFNB</b> Fredericton, N.B. 550 M
<b>CFNB</b> Fredericton, N.B. 550 M	<b>CFPL</b> London, Ont 730 H
<b>CFPL</b> London, Ont 730 H	<b>CFRC</b> Saskatoon, Sask 840 O
<b>CFRC</b> Saskatoon, Sask 840 O	<b>CFRB</b> Toronto, Ont 690 T
<b>CFRB</b> Toronto, Ont 690 T	<b>CFRC</b> Kingston, Ont 1510 H
<b>CFRC</b> Kingston, Ont 1510 H	<b>CFM</b> Charlottetown, PEI 610 K
<b>CFM</b> Charlottetown, PEI 610 K	<b>CHGS</b> Summerside, PEI 1500 F
<b>CHGS</b> Summerside, PEI 1500 F	<b>CHLP</b> Montreal, Que 1120 H
<b>CHLP</b> Montreal, Que 1120 H	<b>CHNS</b> Halifax, N.S. 930 M
<b>CHNS</b> Halifax, N.S. 930 M	<b>CHRC</b> Quebec, Que 580 H
<b>CHRC</b> Quebec, Que 580 H	<b>CHSJ</b> St. John, N.B. 1120 H
<b>CHSJ</b> St. John, N.B. 1120 H	<b>CHWC</b> Regina, Sask 1010 M

<b>CHWK</b> Chilliwack, B.C. 780 H	<b>CJAT</b> Trull, B.C. 910 K
<b>CJAT</b> Trull, B.C. 910 K	<b>CJCA</b> Edmonton, Alta 730 K
<b>CJCA</b> Edmonton, Alta 730 K	<b>CJCB</b> Sydney, N.S. 1240 O
<b>CJCB</b> Sydney, N.S. 1240 O	<b>CJCL</b> Calgary, Alta 690 H
<b>CJCL</b> Calgary, Alta 690 H	<b>CJCR</b> Yorkton, Sask 630 M
<b>CJCR</b> Yorkton, Sask 630 M	<b>CJCS</b> Lethbridge, Alta 1240 H
<b>CJCS</b> Lethbridge, Alta 1240 H	<b>CJOR</b> Vancouver, B.C. 600 M
<b>CJOR</b> Vancouver, B.C. 600 M	<b>CJRM</b> Moose Jaw, Sask 540 O
<b>CJRM</b> Moose Jaw, Sask 540 O	<b>CKAC</b> Montreal, Que 730 S
<b>CKAC</b> Montreal, Que 730 S	<b>CKCD</b> Vancouver, B.C. 1010 H
<b>CKCD</b> Vancouver, B.C. 1010 H	<b>CKCK</b> Regina, Sask 1010 M
<b>CKCK</b> Regina, Sask 1010 M	<b>CKGL</b> Toronto, Ont 1420 H
<b>CKGL</b> Toronto, Ont 1420 H	<b>CKCO</b> Ottawa, Ont 1010 H
<b>CKCO</b> Ottawa, Ont 1010 H	<b>CKCR</b> Waterloo, Ont 1510 H
<b>CKCR</b> Waterloo, Ont 1510 H	<b>CKLW</b> Windsor, Ont 1030 S
<b>CKLW</b> Windsor, Ont 1030 S	<b>CKMC</b> Cobalt, Ont 1210 F
<b>CKMC</b> Cobalt, Ont 1210 F	<b>CKMO</b> Vancouver, B.C. 1410 H
<b>CKMO</b> Vancouver, B.C. 1410 H	<b>CKNC</b> Toronto, Ont 1420 H
<b>CKNC</b> Toronto, Ont 1420 H	<b>CKOC</b> Hamilton, Ont 1120 M

### CUBAN

<b>CKOV</b> Kelowna, B.C. 630 H	<b>CKPR</b> Preston, Ont 930 H
<b>CKPR</b> Preston, Ont 930 H	<b>CKPC</b> Ft. William, Ont 930 F
<b>CKPC</b> Ft. William, Ont 930 F	<b>CKBT</b> St. Catherine, Ont 1200 H
<b>CKBT</b> St. Catherine, Ont 1200 H	<b>CKUA</b> Edmonton, Alta 580 M
<b>CKUA</b> Edmonton, Alta 580 M	<b>CKWX</b> Vancouver, B.C. 1010 H
<b>CKWX</b> Vancouver, B.C. 1010 H	<b>CKY</b> Brandon, Man 1450 M
<b>CKY</b> Brandon, Man 1450 M	<b>CKY</b> Winnipeg, Man 960 U
<b>CKY</b> Winnipeg, Man 960 U	<b>CRCK</b> Quebec, Que 1050 O
<b>CRCK</b> Quebec, Que 1050 O	<b>CRCM</b> Montreal, Que 910 S
<b>CRCM</b> Montreal, Que 910 S	<b>CRCO</b> Ottawa, Ont 880 O
<b>CRCO</b> Ottawa, Ont 880 O	<b>CRCS</b> Chiboucton, Que 950 H
<b>CRCS</b> Chiboucton, Que 950 H	<b>CRCT</b> Toronto, Ont 1420 H
<b>CRCT</b> Toronto, Ont 1420 H	<b>CRCV</b> Vancouver, B.C. 1100 O
<b>CRCV</b> Vancouver, B.C. 1100 O	<b>CMAF</b> Havana, Cuba 680 O
<b>CMAF</b> Havana, Cuba 680 O	<b>CMC</b> Havana, Cuba 835 M
<b>CMC</b> Havana, Cuba 835 M	<b>CMCQ</b> Havana, Cuba 775 M
<b>CMCQ</b> Havana, Cuba 775 M	<b>CMCY</b> Havana, Cuba 1335 O
<b>CMCY</b> Havana, Cuba 1335 O	<b>CMJK</b> Camaguey, Cuba 790 M
<b>CMJK</b> Camaguey, Cuba 790 M	<b>CMK</b> Havana, Cuba 730 S

### MEXICAN

<b>CMKD</b> Santiago, Cuba 885 K	<b>CMQ</b> Havana, Cuba 630 M
<b>CMQ</b> Havana, Cuba 630 M	<b>CMW</b> Havana, Cuba 595 P
<b>CMW</b> Havana, Cuba 595 P	<b>CMX</b> Havana, Cuba 875 M
<b>CMX</b> Havana, Cuba 875 M	<b>HHK</b> Portau Prince, Haiti 920 M
<b>HHK</b> Portau Prince, Haiti 920 M	<b>XEF</b> Nages, Mex 710 O
<b>XEF</b> Nages, Mex 710 O	<b>XEAW</b> Reynosa, Mex 950 T
<b>XEAW</b> Reynosa, Mex 950 T	<b>XEB</b> Mexico City, Mex 1010 T
<b>XEB</b> Mexico City, Mex 1010 T	<b>XEBC</b> Agua Caliente, Mex 760 R
<b>XEBC</b> Agua Caliente, Mex 760 R	<b>XEFO</b> Mexico City, Mex 940 S
<b>XEFO</b> Mexico City, Mex 940 S	<b>XEJ</b> Juarez, Mex 1020 M
<b>XEJ</b> Juarez, Mex 1020 M	<b>XEMO</b> Tijuana, Mex 860 R
<b>XEMO</b> Tijuana, Mex 860 R	<b>XEN</b> Mexico City, Mex 710 O

WAAB	Boston	Mass	1410 M	WEAF	New York	N.Y	660 W	WJAX	Jacksonville	Fla	900 O	WOKO	Albany	N.Y	1430 M
WAAC	Chicago	Ill	820 M	WEAN	Providence	R.I	780 M	WJAY	Cleveland	Ohio	610 M	WOL	Washington	D.C	1310 K
WAAD	Jersey City	N.J	1160 M	WEBC	Duluth	Minn	1290 R	WJBC	Bloomington	Ill	1200 H	WOMT	Manitowoc	Wis	1210 H
WAAG	Omaha	Neb	660 M	WEBC	Harrisburg	Pa	1210 K	WJBL	Highland Pk.	Mich	1210 H	WOPD	Gd Rpd.	Mich	1270 M
WAAB	New York	N.Y	860 W	WEBR	Buffalo	N.Y	1310 K	WJBO	Decatur	Ill	1200 M	WOR	Newark	Tenn	1500 H
WABI	Bangor	Me	1200 H	WEDC	Chicago	Ill	1210 H	WJWB	New Orleans	La	1420 H	WORC	Worcester	Mass	1280 M
WACO	Waco	Tex	1420 H	WEED	Rocky Mt.	N.C	1420 H	WJBY	New Orleans	La	1200 H	WORK	York	Pa	1320 O
WADC	Akron	Ohio	1320 O	WEEL	Boston	Mass	950 O	WJDX	Reading	Pa	760 O	WOS	Jefferson City	Mo	630 M
WADF	Dothan	Ala	1420 H	WEEN	Reading	Pa	830 O	WJFV	Readingtown	Md	1210 H	WOSU	Columbus	Ohio	570 O
WAGM	Presque Isle	Me	1420 H	WEHC	Chandl.	Mo	760 O	WJFM	Tupelo	Miss	930 M	WOW	Omaha	N.Y	1130 O
WAIM	Columbus	Ohio	640 M	WEHS	Chicago	Ill	1420 H	WJGN	Lansing	Mich	1210 H	WOWO	Ft. Wayne	Ind	1160 T
WALA	Mobile	Ala	1380 M	WELL	Battle Ck.	Mich	1420 F	WJJD	Chicago	Ill	11130 U	WPAD	Paduach	Ky	1420 H
WALB	Albany	N.Y	1370 H	WENR	Chicago	Ill	870 W	WJMS	Ironwood	Mich	1420 H	WPEN	Philadelphia	Pa	920 K
WALR	Zanesville	Ohio	1210 H	WESG	Elmira	N.Y	1090 O	WJNR	Detroit	Mich	750 T	WPFG	Hatfield	Mass	1370 H
WALM	C Anderson	Pa	1420 H	WEVD	New York	N.Y	1300 O	WJST	Washington	D.C	1460 T	WPG	Petersburg	Va	880 M
WAML	Laurin	Pa	1410 H	WEW	Greenville	S.C	4300 K	WJTL	Wash.	Ohio	1210 H	WPHR	Providence	R.I	630 K
WAPI	Birmingham	Ala	1140 S	WEXL	Royal Oak	Mich	1310 F	WJWA	Wash.	Ohio	1210 H	WPTF	Raleigh	N.C	680 S
WARD	Brooklyn	N.Y	1400 M	WFAA	Dallas	Tex	800 W	WJWB	New York	N.Y	760 W	WQAM	Miami	Fla	560 O
WASH	Grand Rapids	Mi	1270 M	WFAN	New York	N.Y	1300 O	WKAQ	San Juan	P.R	1240 O	WQAN	Scranton	Pa	880 K
WATR	Waterbury	Conn	1190 H	WFAM	South Bend	Ind	1200 H	WKAR	E. Dubuque	Mich	1040 O	WQBC	Vicksburg	Miss	1360 M
WAWZ	Louisville	Ky	940 O	WFAS	White Plains	N.Y	1210 H	WKBB	Indianapolis	Ind	1400 M	WQDM	St. Albans	Vt	1410 M
WAWL	New York	N.Y	1450 K	WFBC	Greenville	S.C	4300 K	WKBF	Indianapolis	Ind	1400 M	WQDX	Thomasville	Ga	1210 H
WAZZ	Hazleton	Pa	1420 H	WFBB	Cincinnati	O	1200 K	WKBI	LaCrosse	Wis	1380 O	WRAC	Williamsport	Pa	1370 H
WBAA	Lafayette	Ind	890 M	WFBB	Altoona	Pa	1310 H	WKBS	Chicago	Ill	1420 H	WRAP	Reading	Pa	1310 H
WBAL	Baltimore	760	1060 T	WFBL	Syracuse	N.Y	1360 R	WKBO	Youngstown	O	570 M	WRAX	Philadelphia	Pa	920 K
WBAP	Fort Worth	Tex	800 W	WFBN	Indianapolis	Ind	1230 O	WKBP	Harrisburg	Pa	1200 H	WRB	Columbus	Va	1200 H
WBBC	Wilkes-Barre	Pa	1210 H	WFBR	Baltimore	Md	1270 M	WKBY	Buffalo	N.Y	1480 S	WRBX	Roanoke	Va	1410 M
WBCL	Brooklyn	N.Y	1400 M	WFBS	Flint	Mich	1370 H	WKCC	Richmond	Ind	550 O	WRC	Washington	D.C	950 O
WBBL	Richmond	Va	1210 H	WFCA	Manchester	N.H	1430 M	WKC	Cincinnati	Ohio	550 O	WRDO	Augusta	Me	1370 H
WBMM	Chicago	Ill	770 V	WFIL	Philadelphia	Pa	560 O	WKCZ	Okla. City	Ok	900 O	WRD	Worcester	Mass	1280 M
WBRR	Brooklyn	N.Y	1300 O	WFLA	Clearwater	Fla	620 O	WKD	Kalamazoo	Mich	590 O	WRD	Augusta	Me	1370 H
WBSS	Ponca City	Okla	1200 H	WGLA	Lancaster	Pa	510 H	WKJL	Greenwood	Miss	1210 H	WRD	Augusta	Me	1370 H
WBCT	Bay City	Mich	1410 M	WGAR	Cleveland	O	1450 O	WKJK	Lancaster	Pa	1200 K	WRD	Augusta	Me	1370 H
WBEN	Buffalo	N.Y	900 O	WGCB	Treopert	O	1450 O	WKKE	Greenwood	Miss	1210 H	WRD	Augusta	Me	1370 H
WBEO	Marquette	Mich	1310 H	WGBF	Evansville	Ind	630 M	WKLF	Lexington	Ky	1420 K	WRD	Augusta	Me	1370 H
WBHS	Huntsville	Ala	1200 H	WGBI	Seranton	Pa	880 M	WKMG	Minneapolis	Min	1250 O	WRD	Augusta	Me	1370 H
WBIG	Greensboro	NC	1440 M	WGCM	Gulport	Miss	1210 K	WKOK	Sunbury	Pa	1210 H	WRD	Augusta	Me	1370 H
WBNO	New Orleans	La	1200 H	WGES	Chicago	Ill	1360 M	WKRC	Cincinnati	Ohio	550 O	WRD	Augusta	Me	1370 H
WBNS	Columbus	Ohio	1430 O	WGH	Newport News	Va	1310 H	WKY	Okla. City	Ok	900 O	WRD	Augusta	Me	1370 H
WBNC	New York	N.Y	1350 K	WGL	Et. Wayne	Ind	1210 H	WKZ	Nashville	Tenn	1470 S	WRD	Augusta	Me	1370 H
WBQ	New York	N.Y	860 S	WGN	Chicago	Ill	700 W	WLAP	Lexington	Ky	1420 K	WRD	Augusta	Me	1370 H
WBOW	Terre Haute	Ind	1310 H	WGN	Chicago	Ill	700 W	WLEU	Erle	Pa	1420 H	WRD	Augusta	Me	1370 H
WBRR	Red Bank	N.J	1210 H	WGN	Chicago	Ill	700 W	WLFB	Philadelphia	Pa	560 O	WRD	Augusta	Me	1370 H
WBRC	Birmingham	Ala	930 O	WGN	Chicago	Ill	700 W	WLFL	Stevens Pt.	Wis	900 R	WRD	Augusta	Me	1370 H
WBRE	Wilkes-Barre	Pa	1310 H	WGN	Chicago	Ill	700 W	WLW	Dayton	O	1260 O	WRD	Augusta	Me	1370 H
WBTV	New York	N.Y	1410 H	WGR	Buffalo	N.Y	550 O	WLBZ	Bangor	Me	620 M	WRD	Augusta	Me	1370 H
WBTV	Charlotte	NC	1080 W	WGST	Atlanta	Ga	890 O	WLEU	Erle	Pa	1420 H	WRD	Augusta	Me	1370 H
WBTV	Charlotte	NC	1080 W	WHAY	Schenectady	N.Y	750 W	WLFI	Philadelphia	Pa	560 O	WRD	Augusta	Me	1370 H
WBTV	Charlotte	NC	1080 W	WHB	Buffalo	N.Y	910 R	WLH	Lowell	Mass	1420 H	WRD	Augusta	Me	1370 H
WBTV	Charlotte	NC	1080 W	WHAM	Rochester	N.Y	1150 W	WLH	Laconia	N.H	1310 H	WRD	Augusta	Me	1370 H
WBTV	Charlotte	NC	1080 W	WHAS	Louisville	Ky	820 W	WLS	Chicago	Ill	870 W	WRD	Augusta	Me	1370 H
WBTV	Charlotte	NC	1080 W	WHAT	Philadelphia	Pa	1310 H	WLTH	Brooklyn	N.Y	1400 M	WRD	Augusta	Me	1370 H
WBTV	Charlotte	NC	1080 W	WHAZ	Troy	N.Y	1300 M	WLVA	Lynchburg	Va	1370 H	WRD	Augusta	Me	1370 H
WBTV	Charlotte	NC	1080 W	WHB	Kansas City	Mo	860 M	WLW	Cincinnati	O	700 W	WRD	Augusta	Me	1370 H
WBTV	Charlotte	NC	1080 W	WHBC	Canton	Ohio	1200 H					WRD	Augusta	Me	1370 H

WALC	Northfield	Minn	1250 R	WHBD	Bellefontaine	O	1370 H	WLWL	New York	N.Y	1100 S	WSJS	Winston-Salem	NC	1310 H
WACM	Camden	N.J	1280 M	WHBF	Rock Island	Ill	1210 H	WMAL	Washington	D.C	630 M	WSM	Nashville	Tenn	650 W
WCAO	Baltimore	Md	600 M	WHBI	Newark	N.J	1250 O	WMAQ	Chicago	Ill	1670 W	WSMB	New Orleans	La	1320 O
WCAP	Asbury Park	N.J	1280 M	WHBL	Sheboygan	Wis	1410 M	WMAS	Springfield	Mass	1420 K	WSMK	Dayton	Ohio	1380 J
WCAT	Rapid City	S.D	1200 H	WHBO	Memphis	Tenn	1370 H	WMAZ	Macon	Ga	1180 O	WSOC	Charlotte	N.C	1210 K
WCAU	Philadelphia	Pa	1170 W	WHBU	Anderson	Ind	1210 H	WMBC	Detroit	Mich	1420 K	WSPA	Spartanburg	SC	1420 K
WCAX	Burlington	Vt	1420 M	WHBY	Green Bay	Wis	1200 H	WMBS	Peoria	Ill	1440 O	WSPD	Toledo	Ohio	1340 O
WCAY	Carthage	Ill	1070 H	WHDF	Calumet	Mich	1370 K	WMBG	Richmond	Va	1210 H	WSU	Iowa City	IA	880 M
WCBA	Albenton	Pa	1440 K	WHDH	Boston	Mass	930 M	WMBH	Joplin	Mo	1420 K	WSUN	St. Petersburg	Fla	550 M
WCBD	Waukegan	Ill	1070 S	WHDL	Olean	N.Y	1420 H	WMBI	Chicago	Ill	1080 S	WSVA	Staunton	Va	550 M
WCBM	Baltimore	Md	1370 K	WHEB	Portsmouth	N.H	740 H	WMBQ	Auburn	N.Y	1310 H	WSVS	Buffalo	N.Y	1370 F
WCBS	Springfield	Ill	1210 H	WHEC	Rochester	N.Y	1450 K	WMBR	Brooklyn	N.Y	1500 H	WSYB	Rutland	Vt	1500 K
WCBO	Minneapolis	Minn	1210 W	WHF	Kosciusko	Miss	1500 K	WMBS	Jacksonville	Fla	1370 H	WSYR	Syracuse	N.Y	570 K
WCFC	Chicago	Ill	1197 P	WHFO	Chicago	Ill	1340 W	WMCA	Chicago	Ill	780 O	WSYU	Syracuse	N.Y	570 K
WCHS	Charleston	W.V	580 O	WHIS	Bluefield	W.V	1410 K	WMCA	New York	N.Y	570 O	WTAD	Quincy	Ill	1440 M
WCKY	Covington	Ky	1490 S	WHJB	Greensburg	Pa	620 K	WMEX	Boston	Mass	1500 K	WTAG	Worcester	Mass	580 M
WCLO	Janesville	Wis	1200 H	WHK	Cleveland	Ohio	1390 R	WMFD	Wilmington	N.C	1370 H	WTAM	Cleveland	Ohio	1070 W
WCLS	Joliet	Ill	1330 H	WHN	New York	N.Y	1010 O	WMFE	New Britain	Conn	1380 K	WTAQ	Eau Claire	Wis	1330 O
WCN	Brooklyn	N.Y	1500 K	WHO	Des Moines	Ia	1000 W	WMFG	Flint	Mich	1210 H	WTAR	Norfolk	Va	780 M
WCOA	Pensacola	Fla	1340 M	WHOM	Jersey City	N.J	1450 K	WMFM	Phairmont	W.Va	890 M	WTAX	College Sta.	Tex	1120 H
WCOC	Meridian	Miss	880 O	WHP	Harrisburg	Pa	1430 O	WMFN	Fairmont	W.Va	890 M	WTB	Springfield	Ill	1210 H
WCOL	Columbus	Ohio	1210 H	WIBA	Madison	Wis	1280 O	WMPT	Lapeer	Mich	1200 H	WTBO	Cumberland	Md	800 K
WCOR	Chicago	Ill	1210 H	WIBG	Glenside	Pa	970 H	WMT	Waterloo	Ia	600 O	WTBN	Minneapolis	Min	1250 O
WCSC	Charleston	S.C	1360 O	WIBM	Jackson	Mich	1370 H	WNA	Boston	Mass	1230 O	WTEL	Philadelphia	Pa	1310 H
WCSS	Portland	Me	990 R	WIBU	Poynette	Wis	1210 H	WNAD	Norman	Ok	1010 O	WTFI	Athens	Ga	1450 M
WDAE	Tampa	Fla	920 R	WIBW	Yonkers	N.Y	1490 H	WNBF	Binghamton	N.Y	1500 H	WTFD	Hartford	Conn	1440 W
WDAG	Amarillo	Tex	1410 O	WICX	Utica	N.Y	1200 L	WNBH	New Bedford	Mass	1310 K	WTJS	Jackson	Tenn	1310 H
WDAA	El Paso	Tex	1310 H	WIL	Bridgeport	Conn	600 M	WNBO	Silver Haven	Pa	1200 H	WTMJ	Milwaukee	Wis	620 R
WDAS	Philadelphia	Pa	1370 K	WILL	St. Louis	Mo	1200 K	WNBR	Memphis	Tenn	1430 M	WTN	Trenton	N.J	1280 M
WDAY	Fargo	N.D	940 O	WILM	Urbana	Ill	890 K	WNBS	Springfield	Tenn	1430 M	WTOC	Savannah	Ga	1260 O
WDBY	Roanoke	Va	930 O	WIN	Wilmington	Del	1420 H	WNBS	Springfield	Vt	1260 M	WTRC	Elkhart	Ind	1310 H
WDBO	Orlando	Fla	580 K	WINF	Gary	Ind	1500 H	WNEL	Saranac Lake	N.Y	1290 H	WTFB	Brooklyn	N.Y	1490 M
WDEL	Wilmington	Del	1120 M	WIOD	New York	N.Y	1180 O	WNL	San Juan	P.R	1290 M	WVAA	Hammond	Ind	1200 K
WDEV	Waterbury	Vt.	550 M	WIP	Miami Beach	Fla	1300 O	WNEW	Newark	N.J	1250 R	WWJ	Detroit	Mich	920 T
WDGY	Minneapolis	Minn	1580 O	WIS	Philadelphia	Pa	610 O	WNOX	Knoxville	Tenn	1010 Q	WWL	New Orleans	La	850 T
WDNC	Durham	N.C	1500 H	WISN	Columbia	S.C	560 O	WNR	Muscle Shs.	Ala	1420 H	WWNC	Asheville	N.C	570 K
WDOD	Chattanooga	Tenn	1280 R	WJAC	Milwaukee	Wis	1120 M	WNYC	New York	N.Y	810 O	WWPA	Clarion	Pa	850 K
WDRC	Hartford	Conn	1330 O	WJBC	Johnstown	Pa	1310 H	WOB	San Antonio	Tex	1300 H	WWF	Brookside	N.Y	1500 K
WDSS	New Orleans	La	1280 O	WJBN	New York	N.Y	560 O	WOC	Dayton	Ohio	1370 H	WWSW	Pittsburgh	Pa	1420 K
WDZ	Tuscola	Ill	1070 H	WJAR	Providence	R.I	890 M	WOC	Jamestown	N.Y	1210 F	WVVA	Wheeling	W.Va	1160 S
				WJAS	Pittsburgh	Pa	1290 R	WOI	Ames	Ia	640 S	WXYZ	Detroit	Mich	1240 O

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

The range of reception is materially reduced by old, worn out tubes. But more important than that—your tubes lose their efficiency so gradually during a year that your ears accustom themselves to inferior tone quality and you do not realize how poorly the perfect broadcasts of elaborate programs from the studios are reproduced through your set. Replace your tubes once a year and notice the amazing difference.



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# TUBE-ATROPHY\*

It's a social blunder for any radio to have Tube-Atrophy—and yet four out of five radios that have been places and seen life are paying for it with this obnoxious condition.

Does your radio complain in the morning (and all day)?  
Has your radio lost its voice (so you can't find it)?  
Does your radio whoop and howl?  
Do your friends leave when you try to tune in?

Then your radio is suffering from Tube-Atrophy, and only the immediate attention of a radio physician can cure it.



Why make your radio and your friends suffer longer?

It's an urgent operation, but not a costly one. Act Now! Call the radio dealer whose name appears on the front cover.

\* *That "gone" Condition in Radio Tubes*

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