

# RADIO TRAVEL-LOG

Price 15¢



**SHORT-WAVE**

STATION LISTINGS  
MAP • TRAVEL TIPS  
IDENTIFICATION CHART

ALL STANDARD U.S. BROADCASTING STATIONS

**RCA RADIOTRONS**



# Reception

## COMES FIRST



### RCA RADIOTRONS

*The Heart of Your Radio*

World News, Comedy, Opera, Drama, Sports . . . the thrills in today's glamorous broadcasts are lost when noise and fading ruin your radio's every effort to entertain you . . . Reception comes first in radio enjoyment, and first in the attainment of perfect radio reception come RCA Radiotrons . . . built to precision standards in the world's greatest radio tube factory . . . Put new life into that set of yours with RCA Radiotrons, low in price . . . Sold everywhere.



**ONLY TUBES BEARING THE  
RCA MONOGRAM ARE MADE  
AND GUARANTEED BY RCA**

RCA Metal Tubes are  
standard in the finest  
new sets, which are  
designed for them.  
Make your next set a  
METAL TUBE RADIO.

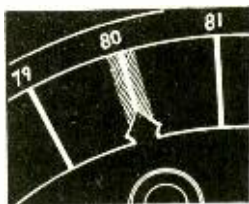


FRED  
WARING  
Fard Program

# WE WANT YOU TO ENJOY YOUR RADIO

Modern radios are packed with features and refinements which add immeasurably to radio enjoyment. They raise radio's "living standard" from the level of bare necessities to the status of civilized listening. Yet no amount of improvements can increase your enjoyment of radio unless they are used and used properly. Even older radios are seldom operated to provide their full capacity for giving pleasure. So, in justice to yourself, your radio and the splendid radio programs so expertly transmitted, ask yourself this question: "Am I getting as much enjoyment from my radio as it can give me?"

Proper operation, in the average radio, resolves itself into a matter of **PROPER TUNING**. So simple? Yes, but you'd be surprised how few people really know how to tune a radio. In the diagram at the top of the page the dial pointer is shown in the middle of a shaded area. A certain station can be heard when the pointer covers any part of the shaded area. But it can only be heard *enjoyably*—clear and without distortion—when the pointer is at dead center, midway between the point where the program first becomes audible and the point where it fades out. A modern tuning indicator like the "Magic Eye" will tell you visually where the ideal tuning point is—otherwise you will have to depend on your ear. Never reduce volume by "de-tuning"—i.e., by shifting the pointer to right or left of the ideal tuning point. Use the Volume Control.



*Tune correctly—it will repay you in increased radio enjoyment.*



*Tubes are the heart of your radio—worn-out tubes are enough to break any radio's heart.*



*Radio noises—many can be cured, others minimized.*

**NOISE**—There are three general classifications of radio noises—Natural Static, "Man-made" Static and Internal Set or Tube Noise. (1) There is no known cure for Natural Static. It is no longer a menace to radio enjoyment, however, due to the vastly increased power of broadcasting stations. (2) Man-made Static, caused by power lines, electric household appliances, motors, etc., is most objectionable on the short-wave bands, where its effect can largely be eliminated by the use of a noise-reducing antenna. Consult your service engineer regarding additional corrective measures. (3) Internal noise may be caused by poor set design, defective parts or worn-out tubes. A set designed for Metal Tubes is inherently quieter. Consult your service engineer for any help needed.

**FADING**—Fading is a natural phenomenon the most serious aspect of which—intensity fading, or variation in signal strength—is largely overcome by *Automatic Volume Control*.

**TUBES**—As a chain is no stronger than its weakest link, so no radio is better than its weakest tube. Worn-out tubes are at the seat of probably 90% of all radio complaints. As the first step in making your radio play like new, have your tubes tested.

**CARE OF RADIO**—*At least once a year have your radio service engineer give your radio a check-up. The cost is little and the rewards are great.*



*Automatic Volume Control is a grand feature of modern sets—it minimizes*

*fading, prevents "blasting," makes radio listening a "civilized" pastime.*

# WHAT ARE THE WILD WAVES

"Hello, Am-er-i-ca . . . a-hem . . . this is London calling."

Or perhaps it's Barranquilla, or Huizen, or Moscow. Whatever the location, whatever the language, all the world is calling to the owner of a short-wave radio.

Where shall we go tonight? Let's do it according to Hoyle and let our radio be the arbiter. Turn the dial slowly through the 25-meter band. Ah, there's something. Chimes of a French clock. It must be . . . yes, it is . . . "Ici Parea, Radio Coloniale." Paris, sure enough! Perhaps an opera, perhaps a comedienne singing a funny song (how's *your* French?) . . . perhaps news. At any rate, a genuine flavor of the boulevards and Gallic eclat.

Or again: Berlin. This station does roll in when things are right. We hear a voice in German, and then one in English sending greetings to individuals in America. Or, perhaps (shades of our childhood), a German band. We can almost see (through the oom-pahs) a lusty Teutonic maiden balancing a tray of foam-capped steins along the gravel walk of a biergarten. Ach, du lieber! Or again it's Hitler addressing a multitude, and we feel the tense atmosphere which envelops history in the making.

Try again. More music . . . this time a pulsating dance rhythm that could only have been invented by the warm-blooded, love-making Latins. Might be one of several stations . . . Madrid, Lima, Havana . . . here's the announcement . . . Egree-áy-gah—vay-seenkaw-eray-say (YV5RC) . . . *Caracas!*"

Is it getting in your blood? Okay, you're ready for a hard one . . . but not now. Tomorrow morning, early. Australia, half way round the world! You tried once, and didn't get it? Too bad, but that's part of the game. Let's try again. Dial slowly. 9.59 megacycles. There's something. Volume

up. Jehoshaphat, what a screech! It's VK2ME, Sydney and the Kookaburra bird!

Tired of the regular broadcasts? Let's switch to an amateur phone band. These amateurs sometimes put on a show. Here's one, pretty powerful. 28.5 megacycles. What's he saying? Talking about his rig (contraption to you). Hear that phone ring in the background?



*Changing the Guard at St. James Palace, London—a traditional ceremony heard at times over the short waves.*

*Entrance to Moscow's modern high-speed subway. The Soviets send many s-w programs.*  
(COURTESY "INTOURIST")



# SAYING?



*The screeching Kookaburra bird—famed inhabitant of Australia.*



*The gaiety of Latin America is reflected in the many colorful broadcasts from the continent to the south of us.*

Now listen. "Wait a minute, W3XYZ, got to answer the phone . . . (a bit farther away) Oh, hello, Guy . . . Sure, come right over . . . Sure it's okay . . . (raises voice) El-ea-nor! Guy and Julia are coming over. (Female voice from nether regions) Oh, heavens, couldn't they have picked a better time? Well, you'd better shut that rig off and come in here to dinner! (Back at mike) Hello, W3XYZ, sorry to keep you waiting. I've got to sign off, old man. Important engagement. 73, old man, etc., etc."

Here's another, very faint. Tune him closer. There, that's better. Spanish accent, I would say. Yes, hear that? Dominican Republic. And he's asking the name of the man he's talking to in Alabama. He's got the last name, Jones. But the first name. He wants Jones to spell it out. He's repeating after him. "B-i-l-1. Two 'l's.' Oh, *Beel!*"

Time's up, and we haven't even touched on aviation and police. Now, *there's* something that *will* give you a kick. . . .

*Below—Lofty Caracas, whence come those delightful and popular Venezuelan broadcasts.*



*Tokio welcomes Nippon's favorite sons with a ticker-tape shower in the Wall Street fashion.*

# WHAT EVERY SHORT-WAVE

## METERS-KILOCYCLES-MEGACYCLES-FREQUENCY - WAVE LENGTH

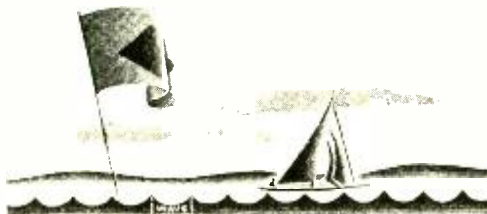


DIAGRAM 1—Radio waves are comparable to ocean waves. Wave length is the distance from crest to crest (in meters); frequency, the number of waves or cycles transmitted per second (in kilocycles or megacycles).

A complete discussion of short waves would run, easily, to hundreds of thousands of words—and highly technical words at that. However, this general outline will enable you to understand the basic principles:

Assume that radio waves are like ocean waves. The *wave length* is the distance from crest to crest. The *frequency* is the number of waves that pass a given point in one second. Wave length is measured in meters. Frequency is expressed in kilocycles or megacycles. A kilocycle is 1000 cycles or 1000 complete radio waves, and a megacycle is 1000 kilocycles. In connection with short waves the term megacycle is used to facilitate reading the dial, since short-wave frequencies run to thousands of kilocycles. For example, 49.7 megacycles is much easier to read than 49,700 kilocycles.

*Note:* The higher the frequency the shorter the radio wave. This will be apparent by considering Diagram 1. If more waves pass the flagpole in one second, they must be “smaller” waves—that is, shorter from crest to crest.

## FREQUENCY CONVERSION

Short-wave stations are usually listed by meters, kilocycles, and megacycles. As mentioned above, 1000 kilocycles is equivalent to one megacycle.

To convert kilocycles into meters, simply divide 300,000 by the number of kilocycles. Thus station WJZ which broadcasts on a frequency of 760 kilocycles, transmits a wave length of  $300,000 \div 760$ , or 394.7 meters long. GSG in London, a short-wave station broadcasting on a frequency of 17.79 megacycles, transmits a wave length of  $300,000 \div 17,790$  or only 16.8 meters long.

Two types of radio waves leave the transmitting station—the *ground wave* and the *sky-wave*. (See Diagram 2.)

## KENNELLY-HEAVISIDE LAYER—GROUND WAVES—SKY WAVES

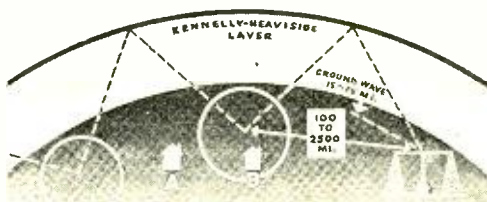


DIAGRAM 2—Short waves are reflected to the earth by the Kennelly-Heaviside Layer, situated 75-100 miles above the earth.

## HOW SHORT WAVES TRAVEL

The ground wave travels over the ground for a distance of only 15 to 75 miles.

The sky wave travels skyward for a distance of approximately 100 miles until it strikes an ionized atmospheric stratum known as the Kennelly-Heaviside Layer. This may be imagined as a sort of spherical mirror encompassing the earth much as an egg shell encompasses the yolk. When the sky wave meets this layer, it is reflected and returns to the earth at a distance of 90 to 2500 miles from the station at which point it may be picked-up over a considerable area, depending upon the angle of reflection from the layer.

According to the most generally accepted theory, sky waves oscillate several times between the Kennelly-Heaviside Layer and the earth.

## SKIP DISTANCE

*The Skip Distance* of a station is an area that is not covered by either that station's “ground wave” or “sky wave.”

Skip distances and reception zones of all stations change with the varying altitude of the Kennelly-Heaviside Layer, which height is affected by daylight, darkness, season of the year and atmospheric conditions.

Thus, in Diagram 2, house A cannot receive the sky wave illustrated while house B can. Diagram 3, however, illustrates how variation in altitude of the layer will bring the sky wave within the reach of house A, but not of house B. This explains why you may receive a certain short-wave station at one time and be unable to receive it another time.

It should be remembered that all stations have different skip distance zones and that, though you may be within the “skip-dis-

# LISTENER SHOULD KNOW

## DIRECTION OF SHORT WAVES— EFFECT OF SKIP DISTANCES

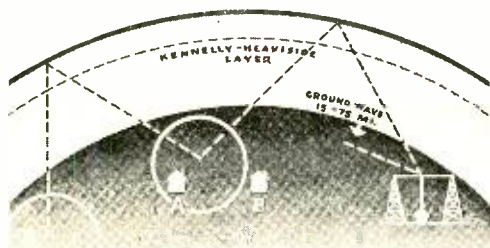


DIAGRAM 3—Reception zones vary with the height of the layer which in turn varies with daylight, darkness, seasons and atmospheric conditions.

tance” of a few stations, there will still be many stations you can receive.

*Note:* Diagrams 2 and 3 show only the westward course of a ground wave and sky wave. Both waves, however, radiate from the antenna in all directions, acting as illustrated by the east-to-west wave.

## THE BEHAVIOR OF SHORT WAVES

The distances radio waves travel are affected by daylight, darkness and by the season of the year. The table at the bottom of this page estimates the distances over which you may receive short-wave programs.

Note that the longer short waves travel best through darkness and the ultra short waves travel best through daylight. For example, a 49-meter wave can be heard well at night over an unlimited distance; but during the daytime it can be heard only from 100 to 200 miles away.

16-meter waves, on the other hand, may be heard thousands of miles during the day, but not more than 15 miles at night.

Therefore consult this chart to make sure the waves of the station you wish to tune in can reach you.

## APPROXIMATE EFFECT OF TIME OF DAY AND SEASON OF YEAR ON SHORT-WAVE TRANSMISSION

Wave Length (meters)	Ground Wave Range Miles	Sky Wave (Summer) Reliable Range		Sky Wave (Winter) Reliable Range	
		Noon	Midnight	Noon	Midnight
		Miles	Miles	Miles	Miles
100	90	—90	90—600	90—100	90—2500
49	75	100—200	250—5000	200—600	400—*
31	60	200—700	1000—*	500—2000	1500—*
25	50	300—1000	1500—*	600—3000	2000—*
19	35	400—2000	2500—*	900—4000	X
16	15	700—4000	X	1500—*	X

\*—Unlimited distance.

X—Ordinarily cannot be heard.

NOTE—Time and season apply to transmitting station. The above table applies to transmitters of relatively high power and to receivers operating under favorable conditions.

## STATIC ON SHORT WAVES— IMPORTANCE OF ANTENNA

A thunder storm which will often mar standard reception, will have little or no effect on short-wave reception. On the other hand, man-made static, which has little or no effect on standard reception, is likely to mar listening-in on short waves.

## MAN-MADE STATIC

*Man-made Static* is created by trolley lines, electric elevators, vacuum cleaners, etc., and even though you may be some distance from them, their disturbance may be carried to your home by means of power or telephone lines.

Therefore in order to minimize or eliminate man-made static from their sources, the installation of a world-wide antenna in your radio is recommended. A virtue of the world-wide antenna is that it is equally efficient over a wide span of short waves as well as over the standard broadcast band—a real boon to short-wave reception.

Consult your RCA Tube Dealer or Serviceman for installation of a world-wide antenna—they know how to install one for maximum efficiency.

## SCHEDULES OF SHORT-WAVE STATIONS

Many foreign stations are on the air only a few hours a day, and only a few days a week. Many of them go on and off the air several times during one day. The log on pages 7, 8 and 9 contains foreign station schedules according to latest information. They are subject to change, however, and you should supplement this log with short-wave information you will find in your daily newspaper or radio periodical.

# HOW TO DIAL FOREIGN STATIONS

Due to the variety of factors which affect short-wave reception, the best plan is to search for the station or stations on which reception is best at any particular time, rather than arbitrarily select a station from the listing and attempt to tune it in. The information on pages 4 and 5, plus your own experience, will tell you on which bands you are most likely to find good reception of foreign stations in your locality, both during the daytime and at night.

When tuning in this manner, proceed as follows:

Every world-wide radio has a control knob called a Range Selector or some similar name. By means of this control bring the proper dial scale or short-wave range into operation. For example, if you wish to determine whether any stations are "coming through" on the 49-meter band, turn the Range Selector to bring into play the range in which the 49-meter band is included. It is usually labeled "49 M."

## SLOW MOVEMENT OF POINTER IS ESSENTIAL

Next, turn the volume up rather high. Bring the pointer of the dial (the larger pointer if there are two) rapidly to the 49-meter band. Now, tune with extreme slowness through the 49-meter band. If the dial has a two-speed mechanism, use the slower. Short-wave tuning is very critical; unless you tune very slowly and evenly you may "jump over" a station without detecting it.

Once you have located a station, continue to adjust the tuning knob back and forth very slowly to locate that precise point where the program comes in with maximum loudness and clarity. Readjust the volume as desired. Finally, adjust the Tone Control (if the set is equipped with a Tone Control) until the balance between bass and treble is to your taste. Should reception be noisy, due to atmospheric conditions, you can probably reduce the noise with this knob.

Once you have logged a foreign station, it is well to jot down the dial setting and

other data in the "Short-Wave Program Guide" at the end of this book. This will help you materially in re-locating the station in the future. Note particularly the reading of the "Band Spreader," or secondary scale, if your set is equipped with such a device.

## DIALING FOR PARTICULAR STATIONS

Due to favorable combinations of circumstances, such as power of the transmitter, location of the receiver, etc., it is usually possible to tune in certain foreign stations quite readily. When tuning for a particular station not previously logged, look up the station in the alphabetical listing of short-wave stations, pages 7 and 8, determine whether it is operating at the time, and, if so, on what frequency (megacycles). Proceed as above in bringing the pointer to the proper band. Continue to move the pointer to a point as near the exact frequency as can be determined by the eye (a precise setting here is impossible due to the fractional character of the frequency in megacycles). As above, shift the pointer backwards and forwards very slowly over a small sector. Failure to locate the station may be due either to poor atmospheric conditions or a change in the station's operating schedule.

The task of locating unknown stations is considerably facilitated once you have jotted down a number of dial settings. These settings may then be used as reference points in determining the relative position of the pointer for unknown stations.

## SHORT WAVES CARRY AMERICAN PROGRAMS, TOO

When static mars reception of a standard network program you wish to hear, you can often hear it under improved conditions on an American short-wave station. See the list of American Short-Wave Stations which sometimes carry network programs. (Page 12.)

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## WHERE TO FIND WHAT YOU WANT ON YOUR DIAL

- FOREIGN S-W PROGRAMS . . . . 49, 31, 25, 19, 16, 13, and 11-meter bands
- STANDARD U. S. BROADCASTS. 540-1600 kcs.
- POLICE CALLS . . . . . 1600-1720 kcs., 2.3-2.5 meg., 30-41 meg.
- AIRCRAFT CALLS . . . . . 2.7-3.5 meg. and 5.4-5.9 meg.
- AMATEUR PHONE . . . . . 1.8-2.0 & 3.9-4.0 meg., 14-14.4 meg., 28-30 & 56-60 meg.
- U. S. AVIATION WEATHER REPORTS . . . . . 220-360 kcs.

Note: Dial scales or portions thereof are usually labeled "Standard Broadcast," "Police," "Aviation," etc., as well as calibrated numerically.



# Principal **SHORT-WAVE STATIONS** of the World

## LISTED ALPHABETICALLY BY CITIES

CITY	STATION	MEGA-CYCLES *	METER BAND	DIAL SETTING	"ON THE AIR" EASTERN STANDARD TIME
Barranquilla, Colombia	HJ1ABB	6.45			Daily 11 A.M.-2 P.M. & 6-10 P.M.
Berlin, Germany	DJC	6.02	49		Daily 12 N.-4:30 P.M. & 5:30-10:45 P.M.
	DJM	6.08	49		Daily 7-10 P.M.
	DJN	9.54	31		Daily 12 M.-11 A.M. & 5-10:45 P.M.
	DJA	9.56	31		Daily 12 M.-4, 8-11 A.M. & 5-10:45 P.M.
	DJD	11.77	25		Daily 11 A.M.-11 P.M.
	DJO	11.79	25		Daily 3-5 P.M.
	DJL	15.11	19		Daily 6-8 A.M.
	DJB	15.20	19		Daily 8-11 A.M.
	DJQ	15.28	19		Daily 12 M.-3 A.M.
	DJR	15.34	19		Daily 1-4 A.M.
DJE	17.76	16		Daily 8-11 A.M.	
Boston, Mass., U. S. A.	W1XAL	11.79	25		Daily 4-7 P.M.
Budapest, Hungary	HAS3	15.37	19		Sun. 8-10 A.M.
Buenos Aires, Argentina	LRU	15.29	19		Daily 2-6:50 P.M.
Caracas, Venezuela	YV5RC	5.80			Daily 10:30 A.M.-1 P.M. & 5:15-9:30 P.M.
	YV5RB	6.15	49		Daily 10:30 A.M.-1:30 P.M. & 3:30-10 P.M.
	YV4RC	6.37			Daily 5-11 P.M.
Chicago, Ill., U. S. A.	W9XAA	6.08	49		Daily 9 A.M.-5 P.M.
	W9XF	6.10	49		Thrs., Fri., Sat., Daily 8 P.M.-1 A.M.
	W9XAA	11.83	25		Daily 1-3 & 5-6 P.M.
Cincinnati, Ohio, U. S. A.	W8XAL	6.06	49		Daily 7 A.M.-7 P.M. & 11 P.M.-2 A.M.
Geneva, Switzerland	HBP	7.79			Sat. 5:30-6:15 P.M.
	HBL	9.59	31		Sat. 5:30-6:15 P.M.
Guayaquil, Ecuador	HC2RL	6.66			Sun. 5-8 P.M.
Havana, Cuba	COCO	6.01	49		Daily 9:30-11:30 A.M. & 4-11 P.M.
	COCD	6.13	49		Daily 6-10 P.M.
	COCH	9.43			Daily 9-11:30 A.M., 4-6:30 & 8-10 P.M.
Huizen, Holland	PHI	11.73	25		Thrs., Mon. Wed. 6-11 A.M.
	PCJ	15.22	19		Wed. 6-11 A.M.
Lima, Peru	OAX4D	5.78			Mon. Wed. Sat. 9 P.M.-11:30 P.M.
Lisbon, Portugal	CT1AA	9.66			Tue., Thrs. Sat. 4:30-7 P.M.
London, England	GSA	6.05	49		Daily 6-8 P.M.
	GSL	6.11	49		Daily 12:15-5:45 P.M.
	GSB	9.51	31		Daily 12:15-2:30 A.M. & 12:15-5:45 P.M.
	GSC	9.58	31		Daily 12:15-5:45, 6-8 & 10-11 P.M.
	GSD	11.75	25		Daily 6-8:45 A.M., 12:15-5:45, 6-8 & 10-11 P.M.
	GSN	11.82	25		Daily 12:15-2:30 A.M.
	GSE	11.86	25		Daily 9 A.M.-12 N.
	GSF	15.14	19		Daily 9 A.M.-12 N.
	GSO	15.18	19		Daily 12 N.-6 P.M.
	GSI	15.26	19		Daily 12:15-5:45 P.M.
	GSG	17.79	16		Daily 6-8:45 A.M. & 9 A.M.-12 N.
	GSJ	21.53	13		Daily 6-9 A.M.
	Madrid, Spain	EAQ	9.86		
Medellin, Colombia	HJ4ABA	11.81	25		Daily 11 A.M.-1 P.M. & 6-11 P.M.

\* To convert megacycles into kilocycles, change the decimal to a comma and add a zero. Thus 6.15 megacycles is equivalent to 6,150 kilocycles.

# Principal **SHORT-WAVE STATIONS** of the World

LISTED ALPHABETICALLY BY CITIES

CITY	STATION	MEGA-CYCLES *	METER BAND	DIAL SETTING	"ON THE AIR" EASTERN STANDARD TIME
Melbourne, Australia	VK3ME	9.51	31	.....	Sun. thru Fri. } 4-7 A.M.
	VK3LR	9.58	31	.....	Mon. thru Sat. } 11 P.M.-2 A.M. & 4-7 A.M.
Mexico City, Mexico	XEBT	6.00	49	.....	Daily 10 A.M.-Midnight
Miami, Fla., U. S. A.	W4XB	6.04	49	.....	Daily 12 N.-2 P.M. & 5 P.M.-Midnight
Moscow, U. S. S. R.	RW59	12.01		.....	Sun. 6-7, 10-11 A.M. & 2:30-3:30 P.M.
New York City, U. S. A.	W3XAL	6.10	49	.....	Mon. } 4-5 P.M.
	W2XE	6.12	49	.....	Wed. } 10-11 P.M.
	W2XE	11.83	25	.....	Sat. } 2-9 P.M.
	W2XE	15.27	19	.....	Daily } 6 A.M.-6 P.M.
	W3XAL	17.78	16	.....	Daily } 9 A.M.-6 P.M.
	W2XE	21.52	13	.....	Daily } 10-11 A.M.
Paris, France	TPA-4	11.71	25	.....	Daily 6:15-10 P.M. & 12 M.-1 A.M.
	TPA-3	11.88	25	.....	Daily 4-5 A.M. & 11:15 A.M.-6 P.M.
	TPA-2	15.24	19	.....	Daily 7-11 A.M.
Philadelphia, Pa., U. S. A.	W3XAU	6.06	49	.....	Daily 7-11 P.M.
	W3XAU	9.59	31	.....	Daily 12 N.-7 P.M.
Pittsburgh, Pa., U. S. A.	W8XK	6.14	49	.....	Daily 9 P.M.-1 A.M.
	W8XK	11.87	25	.....	Daily 5-9 P.M.
	W8XK	15.21	19	.....	Daily 8 A.M.-7 P.M.
	W8XK	21.54	13	.....	Daily 7-9 A.M.
Riobamba, Ecuador	PRADO	6.22		.....	Thurs. 9-11:30 P.M.
Rio de Janeiro, Brazil	PRF5	9.50	31	.....	Daily 5:20-6:15 P.M.
Rome, Italy	I2RO1	6.09	49	.....	Mon. } 1:30-5:15 & 6-7:30 P.M.
	I2RO3	9.63		.....	Sat. } 2:30-5 & 6-7:30 P.M.
	I2RO4	11.81	25	.....	Daily } 8:15-9, 9:15-11 A.M. & 11:30
					Daily } A.M.-12:15 P.M.
San Jose, Costa Rica	TIPG	6.41		.....	Daily 12 N.-2 P.M. & 8-10:30 P.M.
Santo Domingo, Dominican Republic	HIX	5.98		.....	Tues. } 12:10-1:10, 4:40-5:40 & 8:10-
					& Fri. } 10:10 P.M.
Schenectady, N. Y., U. S. A.	W2XAF	9.53	31	.....	Daily 4 P.M.-Midnight
	W2XAD	15.33	19	.....	Daily 10 A.M.-2 P.M.
Springfield, Mass., U. S. A.	W1XK	9.57	31	.....	Daily 7 A.M.-1 P.M. & 7 P.M.-1 A.M.
Sydney, Australia	VK2ME	9.59	31	.....	Daily 1-2, 3-8:30 & 10:30-11:30 A.M.
Tegucigalpa, Honduras	HRN	5.87		.....	Daily 6-7 & 8-9 P.M.
Tokio, Japan	JVM	10.74		.....	Tues. } 2-3 P.M.
					& Fri. }
Toronto, Canada	CRCX	6.09	49	.....	Daily 4 P.M.-Midnight
Valencia, Venezuela	YV4RV	6.52		.....	Daily 11:30 A.M.-1:30 P.M. & 5:30-10 P.M.
Vatican City, Italy	HVJ	15.12	19	.....	Daily 10:30-10:45 A.M. & 5-5:15 P.M.
Winnipeg, Canada	CJRO	6.15	49	.....	Daily 8 P.M.-Midnight
	CJRX	11.72	25	.....	Daily 8 P.M.-Midnight

\*To convert megacycles into kilocycles, change the decimal to a comma and add a zero. Thus 6.15 megacycles is equivalent to 6,150 kilocycles.





## CHARACTERISTIC SIGNALS

The following is a list of announcements and signals used by short-wave broadcasting stations. You will find this

CITY & COUNTRY	STATION	ANNOUNCEMENT	SIGNAL
Barranquilla, Colombia	HJ1ABB	"La Voz de Barranquilla."	Chimes like NBC.
Berlin, Germany	All "DJ" Stations	"Dear friends and listeners in North America," etc. (German, English and French)	Chimes — Bavarian Folk Song.
Boston, U. S. A.	W1XAL	"This is international S.W. Station W1XAL at Boston."	
Budapest, Hungary	HAS3	"Justice for Hungary."	
Buenos Aires, Argentina	LRU	"Radio El Mundo."	
Caracas, Venezuela	YV5RC	"Egree-áy-gah — vay-seenkaw-erray-say (YV5RC) Radio Caracas."	Chimes each quarter hour. Signs off with station march.
	YV5RB	"Radiodifusora Venezuela." "Egree-áy-gah — vay-seenkaw-erray-bay." (YV5RB)	Chimes before announcement. Bells on the hour.
Chicago, U. S. A.	W9XAA	"WCFL and W9XAA, Voice of Farmer and Labor." (Various languages)	
	W9XF	"W9XF, Chicago, 6100 kcs."	NBC Chimes
Cincinnati, U. S. A.	W8XAL	"The nation's Station WLW, and S. W. Station W8XAL."	
Geneva, Switzerland	HBL-HBP	"Radio Nations."	
Guayaquil, Ecuador	HC2RL	"Hello, America." (English & Spanish)	Ecuadorian Anthem.
Havana, Cuba	COCO	"Say-o-say-o, (COCO) Habana, Cooba." (English & Spanish)	
	COCD	"La Voz del Aire."	
	COCH	"Estacion de onde corta, say-o-say-achay." (Spanish & English)	
Huizen, Holland	PHI	"This is Huizen." (Various languages)	Signs off with Dutch National Hymn
Lima, Peru	OAX4D	"Radio DUSA, La Voz del Peru." (Spanish & English)	
Lisbon, Portugal	CT1AA	"CT1AA, Radio Colonial."	Cuckoo calls.
London, England	All "GS" Stations	"London calling."	Big Ben booming out the hour and "God Save the King."
Madrid, Spain	EAQ	Ay-Ah-Coo (EAQ) Madrid, Espana." (Span. & Eng.)	Big Ben Chimes.

# AND ANNOUNCEMENTS

list especially convenient when the station you are listening to has not identified itself by its official call letter.



CITY & COUNTRY	STATION	ANNOUNCEMENT	SIGNAL
Medellin, Colombia	HJ4ABA	"Ecos de la Montana."	Gongs.
Melbourne, Australia	VK3ME	"VK3ME, Melbourne Amalgamated Wireless of Australia."	Screech of the Kookaburra bird.
Mexico City, Mexico	XEBT	"El Buen Tona." (English and Spanish.)	Siren.
Moscow, U. S. S. R.	RW59	"Workers of the World, Moscow calling." (Various languages.)	"Internationale."
New York City, U. S. A.	W2XE W3XAL	"Short-wave Experimental Station W2XE." (Various languages.) "W3XAL, Bound Brook, New Jersey."	
Paris, France	All "TPA" Stations	"Hello, hello, Ici Paree, Radio Coloniale."	Chimes and "La Marseillaise."
Philadelphia, U. S. A.	W3XAU	"This is short-wave Station W3XAU at Philadelphia."	
Pittsburgh, U. S. A.	W8XK	"This is Westinghouse Station KDKA and its short-wave complement, W8XK."	NBC Chimes.
Riobamba, Ecuador	PRADO	"Estacion El PRADO, Riobamba, Ecuador." (Spanish & English.)	Cuckoo calls.
Rio de Janeiro, Brazil	PRF5	"Short-wave Station PRF5, Rio de Janeiro, Brazil." (Various languages.)	Chimes like NBC.
Rome, Italy	All "I2RO" Stations	"Radio Roma Napoli." (Female Announcer.)	
San Jose, Costa Rica	TIPG	"La Voz de la Victor."	
Schenectady, U. S. A.	W2XAF	"This is WGY and W2XAF, the Voice of Electricity."	Begins each program with a discharge of 10 million volts.
Sydney, Australia	VK2ME	"VK2ME, Sydney Amalgamated Wireless of Australia."	Kookaburra bird. Signs off with "God Save the King."
Tegucigalpa, Honduras	HRN	"La Voz de Honduras."	
Valencia, Venezuela	YV4RV	"La Voz de Carabobo, Egree áy-gah—vay-kwatro-erray-vay."	Gong before announcement.
Vatican City, Italy	HVJ	"Pronto, Pronto, Radio Vaticano."	Clock ticks.
Winnipeg, Canada	CJRO- CJRX	(Various languages.)	Gongs following "O Canada."

# AMERICAN SHORT-WAVE "COMPANION" STATIONS

Atmospheric disturbances have only a slight effect on short-wave reception; hence this list of American short-wave stations will be of special value to you when electrical storms mar reception of standard programs. "Companion" stations frequently carry the same programs as their respective standard stations.

STANDARD U. S. STATION				SHORT-WAVE "COMPANION"		
STATION	Chain Af- filiation	KCS.	LOCATION	STATION	METERS	MEG. *
KDKA	NBC	980	Pittsburgh, Pa.	W8XK	48.86	6.14
					25.27	11.87
					19.72	15.21
					13.93	21.54
WABC	CBS	860	New York City	W2XE	49.02	6.12
					25.36	11.83
					19.65	15.27
					13.94	21.52
WBZ } WBZA }	NBC	990	Boston, Mass. Springfield, Mass.	W1XK	31.35	9.57
WCAU	CBS	1170	Philadelphia, Pa.	W3XAU	49.50	6.06
					31.28	9.59
WCFL	NBC	970	Chicago, Ill.	W9XAA	49.34	6.08
					25.36	11.83
WEEI	NBC	590	Boston, Mass.	W1XAL	49.67	6.04
					25.44	11.79
WENR	NBC	870	Chicago, Ill.	W9XF	49.18	6.10
WGY	NBC	790	Schenectady, N. Y.	W2XAF	31.48	9.53
WIOD	NBC	1300	Miami Beach, Fla.	W2XAD	19.57	15.33
				W4XB	49.67	6.04
WJZ	NBC	760	New York City	W3XAL	49.18	6.10
					16.87	17.78
WLW	NBC	700	Cincinnati, Ohio	W8XAL	49.50	6.06

\* To convert megacycles into kilocycles, change the decimal to a comma and add a zero. Thus, 17.78 megacycles is equivalent to 17,780 kilocycles.

# ★ ★ ★ POLICE CALLS ★ ★ ★

State and City	Call Letters	Kilo-cycles	State and City	Call Letters	Kilo-cycles
<b>ALABAMA</b>			<b>KANSAS—Continued</b>		
Birmingham	WPFM	2382	Coffeyville	KGZP	2450
Mobile	WPGW	2382	Dodge City	KNGH	2474
<b>ARIZONA</b>			Garden City	KNFH	2474
Phoenix	KGZJ	2430	Hutchinson	KGHN	2450
<b>ARKANSAS</b>			Leavenworth	KNEF	2422
Fort Smith	KNHE	2406	Leavenworth	KNFF	2422
Little Rock	KGZB	2406	Topeka	KGZC	2422
Little Rock	KGHZ	2406	Wichita	KGZP	2450
<b>CALIFORNIA</b>			Salina	KNGV	2422
Bakersfield	KGPS	2414	<b>KENTUCKY</b>		
Berkeley	KSW	1658	Lexington	WPET	1706
Compton	KNFM	2490	Louisville	WPDE	2442
El Centro	KNGJ	2490	<b>LOUISIANA</b>		
Fresno	KGZA	2414	New Orleans	WPEK	2430
Lodi	KNGY	2414	Shreveport	KNGP	2430
Los Angeles	KGPL	1712	<b>MAINE</b>		
Los Angeles	KNGX	1712	Portland	WPFU	2470
Palo Alto	KGHK	2470	<b>MARYLAND</b>		
Pasadena	KGJX	1712	Baltimore	WPFH	2414
Pomona	KNFJ	1712	<b>MASSACHUSETTS</b>		
San Bernardino	KGZY	1712	Arlington	WPED	1712
San Buena Ventura	KACN	2414	Boston	WPGV	1712
Sacramento	KNGF	2422	Boston	WEY	1630
San Diego	KGZD	2490	Cohasset	WPGU	1712
San Diego	KGED	2490	Everett	WAKF	1712
San Francisco	KGPD	2466	Fairhaven	WPFN	1712
San Jose	KGPM	2466	Fitchburg	WPHA	2466
Santa Ana	KGXH	2430	Medford	WPBG	1712
Santa Barbara	KGZO	2414	Newton	WPHG	1712
Santa Cruz	KGZT	1674	Somerville	WPHA	1712
Tracy	KACO	2414	Worcester	WPGX	2466
Tulare	WPDA	2414	<b>MICHIGAN</b>		
Vallejo	KGPG	2422	Bay City	WPGA	2466
Whittier	KGHY	1712	Belle Isle	WCK	2414
<b>COLORADO</b>			Detroit	WPDX	2414
Denver	KGPK	2442	Flint	WPFD	2466
<b>CONNECTICUT</b>			Grand Rapids	WPBE	2442
Bridgeport	WPFW	2466	Grosse Pointe	WRDR	2414
New Haven	WQFA	2466	Grosse Pointe Village	WRDH	2414
New London	WAKB	2466	Highland Park	WMO	2414
<b>DISTRICT OF COLUMBIA</b>			Jackson	WPHP	2466
Washington, D. C.	WPDW	2422	Lansing	WPDL	2442
<b>FLORIDA</b>			Muskegon	WPCF	2442
Jacksonville	WPFQ	2442	Port Huron	WPGS	2466
Lakeland	WPFY	2442	Saginaw	WPES	2442
Miami	WPFZ	2442	<b>MINNESOTA</b>		
Orlando	WPHM	2442	Duluth	KNFE	2382
Palm Beach	WPFH	2442	Minneapolis	KGPR	2430
Tampa	WPHN	2466	Minneapolis	KGPR	2430
<b>GEORGIA</b>			St. Paul	WPDS	2430
Atlanta	WPDY	2414	<b>MISSOURI</b>		
Augusta	WQFV	2414	Kansas City	KGPE	2422
Columbus	WQFI	2414	St. Louis	KGPC	1716
Macon	WQFB	2414	<b>NEBRASKA</b>		
<b>HAWAII</b>			Lincoln	KGZU	2490
Honolulu	KGPO	1712	Norfolk	KNGN	2490
<b>IDAHO</b>			Omaha	KGPI	2466
Idaho Falls	KNFB	2458	<b>NEVADA</b>		
<b>ILLINOIS</b>			Las Vegas	KGHG	2474
Chicago	WPDB	1712	Reno	KGHM	2474
Chicago	WPDC	1712	<b>NEW HAMPSHIRE</b>		
Chicago	WPDD	1712	Nashua	WPHB	2422
Oak Park	WQFL	1712	<b>NEW JERSEY</b>		
Rockford	WPGD	2458	Hackensack	WPFK	2430
Waukegan	WQFX	1712	Toms River	WFFF	2430
<b>INDIANA</b>			<b>NEW MEXICO</b>		
Fort Wayne	WPDZ	2490	Albuquerque	KGZX	2414
Huntington	WAKA	—	Clovis	KNFA	2414
Indianapolis	WMDZ	2442	Santa Fe	KGPF	2414
Kokomo	WPDY	2490	<b>NEW YORK</b>		
Lafayette	WQFQ	2442	Albany	WPGH	2414
Muncie	WPGP	2442	Auburn	WPDN	2382
Richmond	WPDH	2442	Binghamton	WPLG	2442
South Bend	WPGN	2490	Brooklyn	WPEE	2450
<b>IOWA</b>			Buffalo	WMJ	2422
Cedar Rapids	KGOZ	2466	Huntington	WPGO	2490
Davenport	KGNP	2466	Mineola	WPGS	2490
Des Moines	KGZG	2466	New York	WPEF	2450
Sioux City	KGPK	2466	New York	WPEG	2450
<b>KANSAS</b>			New York	WPY	438
Atchison	KACA	2422			500
Chanute	KGZF	2450			

# ★ ★ ★ POLICE CALLS ★ ★ ★

(Continued)

State and City	Call Letters	Kilo-cycles	State and City	Call Letters	Kilo-cycles
<b>NEW YORK—Continued</b>			<b>VIRGINIA</b>		
Niagara Falls	WNFP	2422	Lynchburg	WQFH	2450
Oneonta	WQFJ	2414	Petersburg	WQFI	2450
Rochester	WPDR	2332	Richmond	WPHF	2450
Syracuse	WPEA	2382	Roanoke	WQFG	2450
Utica	WPGJ	2414	<b>WASHINGTON</b>		
Yonkers	WPFY	2442	Aberdeen	KGZV	2414
<b>NORTH CAROLINA</b>			Bellingham	KACK	2414
Asheville	WPFS	2474	Centralia	KGHW	2414
Charlotte	WPDV	2458	Everett	KNPF	2414
<b>NORTH DAKOTA</b>			Mount Vernon	KNFI	2414
Fargo	KNHM	2442	Olympia	KACE	2414
<b>OHIO</b>			Seattle	KGPA	2414
Akron	WPDO	2458	Spokane	KGHS	2414
Cincinnati	WKDU	1706	Tacoma	KGZN	2414
Cleveland	WRBH	2458	Wenatchee	KACJ	2414
Columbus	WPDI	2430	Yakima	KNGU	2414
Columbus	WPGQ	1682	<b>WEST VIRGINIA</b>		
Dayton	WPDM	2430	Charleston	WPHI	2490
Findley	WPGG	1682	Clarksburg	WPPF	2490
Lancaster	WQFO	2430	Fairmont	WPHJ	2490
Mansfield	WQFY	2474	Parkersburg	WPHQ	2490
Portsmouth	WPGI	2430	<b>WISCONSIN</b>		
Steubenville	WPHD	2458	Green Bay	KNHB	2362
Steubenville	WPHO	2458	Kenosha	WPEP	2450
Toledo	WRDQ	2474	Milwaukee	WPDK	2450
Youngstown	WPDG	2458	Oshkosh	WAKE	2382
Zanesville	WHIO	2430	<b>STATE POLICE</b>		
<b>OKLAHOMA</b>			ILLINOIS		
Ada	KNHC	2450	Rockford	WPED	2458
Altus	KACL	2450	<b>INDIANA</b>		
Chickasha	KACF	2450	Columbia City	WQFW	1634
Duncan	KNKG	2450	Culver	WPHS	1634
Lawton	KGHP	2450	Jasper	WPHU	1634
Muskogee	KNGT	2450	Marion County	WPHE	1634
Oklahoma City	KGPH	2450	Seymour	WQFE	1634
Tulsa	KGPO	2450	<b>IOWA</b>		
<b>OREGON</b>			Atlantic	KACD	1682
Klamath Falls	KGZH	2442	Des Moines	KGHO	1682
Portland	KGPP	2442	Fairfield	KACC	1682
Salem	KGZR	2442	Storm Lake	KNFO	1682
<b>PENNSYLVANIA</b>			Waterloo	KNFN	1682
Harrisburg	WPGY	—	<b>MASSACHUSETTS</b>		
Monessen	WQFF	2482	Com. of Mass. (Port.)	WPEV	1666
New Castle	WPGT	2482	Framingham	WMP	1666
Oil City	WPHZ	2482	Northampton	WPEW	1666
Philadelphia	WPDV	2474	West Bridgewater	WPEL	1666
Pittsburgh	WPDU	1712	<b>MICHIGAN</b>		
Reading	WPEE	2442	E. Lansing	WRDS	1642
Swarthmore	WPFQ	2472	<b>MINNESOTA</b>		
Wilkes-Barre	WQFM	2442	Redwood Falls	KNHD	1658
<b>RHODE ISLAND</b>			<b>NEW YORK</b>		
Cranston	WPGK	2466	N. Y. State Police (Port.)	WQFR	1658
Pawtucket	WPFV	2466	Schnectady	WPGC	1658
Providence	WPEI	1712	<b>OHIO</b>		
E. Providence	WPEI	1712	Cambridge	WPHT	1638
Providence	WPGF	1712	Findlay	WPGG	1682
Woonsocket	WPEM	2466	Nr. Columbus	WPGQ	1682
<b>SOUTH DAKOTA</b>			Nr. Massilon	WPHC	1682
Rapid City	KNGM	2450	Nr. Wilmington	WPHK	1682
<b>TENNESSEE</b>			Ohio State Police	WPBX	1682
Chattanooga	WAKD	2474			1596
Elizabethton	WPHY	2474	State of Ohio	WQFT	1692
Johnson City	WPGZ	2474			1596
Knoxville	WPFQ	2474	<b>PENNSYLVANIA</b>		
Memphis	WPEC	2466	Butler	WBR	190
<b>TEXAS</b>			Greensburg	WJL	190
Austin	KGHU	2422	Harrisburg	WPSF	1674
Beaumont	KG PJ	1712	Harrisburg	WBA	190
Brownsville	KGHT	2382	W. Reading	WMB	190
Cleburne	KNGE	1712	Wyoming	WDX	190
Corpus Christi	KGHV	2382	<b>TEXAS</b>		
Dallas	KVP	1712	San Antonio	KGZE	2482
Denton	KNHF	1712	<b>WASHINGTON</b>		
El Paso	KGZM	2414	Bellingham	KNFK	2490
Gainesville	WQFC	2466	Ephrate	KNGZ	2490
Galveston	KNGL	1712	Olympia	KNFG	2490
Houston	KGZB	1712	Seattle	KGHD	2490
Lubbock	KGZW	2458	Snoqualmie Pass	KGHE	2490
Lubbock	KOZW	2458	Spokane	KNGR	2490
Waco	KGZQ	1712	State of Washington	KNFR	2490
Wichita Falls	KGZI	2458	State of Washington	KNFU	2490
<b>UTAH</b>			State of Washington (Mobile)	KNHA	2490
Salt Lake City	KGPV	2406	Vancouver	KNGC	2490
			Wenatchee	KNGQ	2490
			Yakima	KNGB	2490



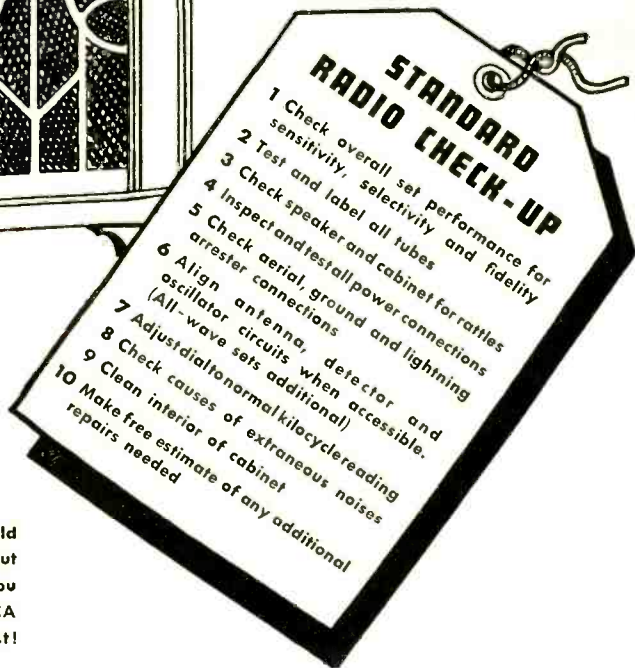


# TIME THE ENEMY

The greatest enemy of clear, faithful radio reception is Time . . . With each successive day your radio is slowly deteriorating—even though you may not notice it . . . Like an automobile, it should have a complete Check-Up at least once a year . . . Get a 10-point radio Check-Up now and save annoyance and additional expense later.



One of the surest signs of old age in a radio set is worn-out tubes. If Check-Up shows you need new tubes, insist on RCA Tubes . . . the world's finest!



## STANDARD RADIO CHECK-UP

- 1 Check overall set performance for sensitivity, selectivity and fidelity
- 2 Test and label all tubes
- 3 Check speaker and cabinet for rattles
- 4 Inspect and test all power connections
- 5 Check aerial, ground and lightning arrester connections
- 6 Align antenna, detector and oscillator circuits when accessible. (All-wave sets additional)
- 7 Adjust dial to normal kilocycle reading
- 8 Check causes of extraneous noises
- 9 Clean interior of cabinet
- 10 Make free estimate of any additional repairs needed

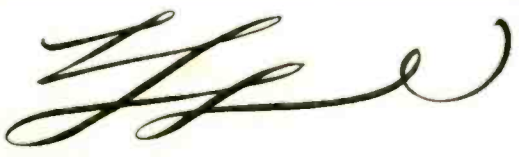
Call Your **RCA TUBE DEALER** For a  
**STANDARD RADIO CHECK-UP**  
 COSTS LESS THAN 1/2 CENT A DAY PER YEAR



**RCA RADIOTRONS**  
Standard in Every  
Time Zone!

**TIME ZONE CHART**

This map of the world is divided into time zones corresponding to noon standard time in New York. Clocks in Moscow read 7:00 P. M., etc. For particular stations are shown. Use these as reference point.





### RT of the WORLD

and shows the various times in other countries k. For example: when it's noon in New York, the poses of clarity, only the principal short-wave s to approximate the locations of other stations.

# STANDARD BROADCASTING STATIONS OF U.S.

Alphabetically by Call Letters

Call Letters	Kilo-cycles	Studio Location	Power in Watts	Call Letters	Kilo-cycles	Studio Location	Power in Watts
KABC	1420	San Antonio, Texas	100	KGCA	1270	Decorah, Iowa	100
KABR	1420	Aberdeen, South Dakota	100	KGCU	1240	Mandan, North Dakota	250
KADA	1200	Ada, Okla.	100	KGCCX	1310	Wolf Point, Montana	100
KALB	1420	Alexandria, La.	100	KGDE	1200	Fergus Falls, Minnesota	100
KALE	1300	Portland, Oregon	500	KGDM	1100	Stockton, Calif.	1000
KARK	890	Little Rock, Arkansas	250	KGDY	1340	Huron, South Dakota	250
KASA	1210	Elk City, Okla.	100	KGEE	1200	Sterling, Colorado	100
KAST	1370	Astoria, Oregon	100	KGER	1360	Long Beach, Calif.	1000
KBIX	1500	Muskogee, Okla.	100	KGEEZ	1310	Kalispell, Montana	100
KBPS	1420	Portland, Oregon	100	KGFF	1420	Shawnee, Okla.	100
KBTM	1200	Jonesboro, Arkansas	100	KGFG	1370	Oklahoma City, Okla.	100
KCMC	1420	Texarkana, Arkansas	100	KGFI	1500	Corpus Christi, Texas	100
KCRC	1360	Enid, Okla.	250	KGFIJ	1200	Los Angeles, Calif.	100
KCRJ	1310	Jerome, Arizona	100	KGFK	1500	Moorhead, Minnesota	100
KDB	1500	Santa Barbara, Calif.	100	KGFL	1370	Roswell, New Mexico	100
KDFN	1440	Casper, Wyoming	500	KGFW	1310	Kearney, Nebraska	100
KDKA	980	Pittsburgh, Pa.	5000	KGFX	630	Pierre, South Dakota	200
KDLR	1210	Devils Lake, North Dakota	100	KGGC	1420	San Francisco, Calif.	100
KDON	1210	Del Monte, Calif.	100	KGGF	1010	Coffeyville, Kansas	100
KDYL	1290	Salt Lake City, Utah	1000	KGGM	1230	Albuquerque, New Mexico	2500
KECA	1430	Los Angeles, Calif.	1000	KGHF	1320	Pueblo, Colorado	500
KEHE	780	Los Angeles, Calif.	500	KGHI	1200	Little Rock, Arkansas	100
KELD	1370	Eldorado, Arkansas	100	KGHL	780	Billings, Montana	1000
KELW	780	Burbank, Calif.	500	KGIR	1340	Butte, Montana	1000
KERN	1370	Bakersfield, Calif.	100	KGJW	1420	Alamosa, Colorado	100
KEUB	1420	Price, Utah	100	KGKB	1500	Tyler, Texas	100
KEX	1180	Portland, Oregon	5000	KGKL	1370	San Angelo, Texas	100
KFAB	770	Lincoln, Nebraska	10000	KGKO	570	Wichita Falls, Texas	250
KFAC	1300	Los Angeles, Calif.	1000	KGKY	1500	Scottsbluff, Nebraska	100
KFBB	1280	Great Falls, Montana	1000	KGMB	1320	Honolulu, Hawaii	1000
KFBI	1050	Abilene, Kansas	5000	KGNC	1410	Amarillo, Texas	1000
KFBK	1490	Sacramento, Calif.	500	KGNF	1430	North Platte, Nebraska	1000
KFDM	560	Beaumont, Texas	500	KGNO	1340	Dodge City, Kansas	250
KFDY	780	Brookings, South Dakota	1000	KGOG	790	San Francisco, Calif.	7500
KFEL	920	Denver, Colorado	500	KGU	750	Honolulu, Hawaii	2500
KFEQ	680	St. Joseph, Missouri	2500	KGVO	1260	Missoula, Mont.	1000
KFGQ	1370	Roone, Iowa	100	KGW	620	Portland, Ore.	1000
KFH	1300	Wichita, Kansas	1000	KGW	1210	Olympia, Wash.	100
KFI	640	Los Angeles, Calif.	5000	KHBC	1400	Hilo, Hawaii	250
KFIO	1120	Spokane, Washington	100	KHJ	900	Los Angeles, Calif.	1000
KFIZ	1420	Fond du Lac, Wisconsin	100	KHQ	590	Spokane, Wash.	1000
KFJB	1200	Marshalltown, Iowa	100	KHSL	950	Chico, Calif.	250
KFJI	1210	Klamath Falls, Oregon	100	KICA	1370	Clovis, N. Mex.	100
KFJM	1370	Grand Forks, North Dakota	100	KID	1320	Idaho Falls, Idaho	250
KFJR	1300	Portland, Oregon	500	KIDO	1350	Boise, Idaho	1000
KFJZ	1370	Fort Worth, Texas	100	KIDW	1420	Lamar, Colo.	100
KFKA	880	Greeley, Colorado	500	KIEM	1450	Eureka, Calif.	500
KFKU	1220	Lawrence, Kansas	1000	KIEV	850	Glendale, Calif.	250
KFNF	890	Shenandoah, Iowa	500	KINY	1310	Juneau, Alaska	100
KFOR	1210	Lincoln, Nebraska	100	KIRO	710	Seattle, Wash.	500
KFOX	1250	Long Beach, Calif.	1000	KIT	1310	Yakima, Wash.	100
KFPL	1310	Dublin, Texas	100	KIUJ	1310	Santa Fe, N. Mex.	100
KFPW	1210	Ft. Smith, Arkansas	100	KIUL	1210	Garden City, Kans.	100
KFPY	890	Spokane, Washington	1000	KIUN	1420	Pecos, Tex.	100
KFQD	780	Anchorage, Alaska	250	KIUP	1370	Durango, Colo.	100
KFRC	610	San Francisco, Calif.	1000	KJBS	1070	San Francisco, Calif.	500
KFRO	1370	Longview, Texas	100	KJR	970	Seattle, Wash.	5000
KFRU	630	Columbia, Missouri	500	KLCN	1290	Blytheville, Ark.	100
KFSD	600	San Diego, Calif.	1000	KLO	1400	Ogden, Utah	500
KFSG	1120	Los Angeles, Calif.	500	KLPM	1240	Minot, N. Dak.	250
KFUO	550	Clayton, Missouri	500	KLRA	1390	Little Rock, Ark.	1000
KFVD	1000	Los Angeles, Calif.	250	KLS	1440	Oakland, Calif.	250
KFVS	1210	Cape Girardeau, Missouri	100	KLUF	1370	Galveston, Tex.	100
KFWB	950	Hollywood, Calif.	1000	KLX	880	Oakland, Calif.	1000
KFXD	1200	Nampa, Idaho	100	KLZ	560	Denver, Colo.	1000
KFXJ	1200	Grand Junction, Colorado	100	KMA	930	Shenandoah, Iowa	1000
KFXM	1210	San Bernardino, Calif.	100	KMAC	1370	San Antonio, Tex.	100
KFXR	1310	Oklahoma City, Okla.	100	KMBC	950	Kansas City, Mo.	1000
KFYO	1310	Lubbock, Texas	100	KMED	1310	Medford, Ore.	100
KFYR	550	Bismarck, North Dakota	1000	KMJ	580	Fresno, Calif.	500
KGA	1470	Spokane, Washington	5000	KMLB	1200	Monroe, La.	100
KGAR	1370	Tucson, Arizona	100	KMMJ	740	Clay Center, Nebr.	1000
KGB	1330	San Diego, Calif.	1000	KMO	1330	Tacoma, Wash.	250
KGBU	900	Ketchikan, Alaska	500	KMOX	1090	St. Louis, Mo.	50000
KGBX	1230	Springfield, Missouri	500	KMPC	710	Beverly Hills, Calif.	500
KGBZ	930	York, Nebraska	1000	KMTR	570	Los Angeles, Calif.	1000

# STANDARD BROADCASTING STATIONS

(CONTINUED)

Call Letters	Kilo-cycles	Studio Location	Power in Watts	Call Letters	Kilo-cycles	Studio Location	Power in Watts
KNEL	1500	Brady, Tex.	100	KWK	1350	St. Louis, Mo.	1000
KNET	1420	Palestine, Tex.	100	KWKC	1370	Kansas City, Mo.	100
KNOW	1500	Austin, Tex.	100	KWKH	1100	Shreveport, La.	10000
KNX	1050	Los Angeles, Calif.	50000	KWLC	1270	Decorah, Iowa	100
KOA	830	Denver, Colo.	50000	KWSC	1220	Pullman, Wash.	1000
KOAC	550	Corvallis, Ore.	1000	KWTN	1210	Watertown, S. Dak.	100
KOB	1180	Albuquerque, New Mex.	10000	KWTO	560	Springfield, Mo.	5000
KOH	1380	Reno, Nev.	500	KWYO	1370	Sheridan, Wyo.	100
KOIL	1260	Council Bluffs, Iowa	1000	KXA	760	Seattle, Wash.	250
KOIN	940	Portland, Ore.	1000	KXL	1420	Portland, Ore.	100
KOL	1270	Seattle, Wash.	1000	KXO	1500	El Centro, Calif.	100
KOMA	1480	Oklahoma City, Okla.	5000	KXRO	1310	Aberdeen, Wash.	100
KOMO	920	Seattle, Wash.	1000	KXYZ	1440	Houston, Tex.	1000
KONO	1370	San Antonio, Tex.	100	KYA	1230	San Francisco, Calif.	1000
KOOS	1390	Marshfield, Ore.	250	KYW	1020	Philadelphia, Pa.	10000
KORE	1420	Eugene, Ore.	100	WAAB	1410	Boston, Mass.	500
KOTN	1500	Pine Bluff, Ark.	100	WAAF	920	Chicago, Ill.	1000
KOY	1390	Phoenix, Ariz.	500	WAAT	940	Jersey City, N. J.	500
KPAC	1260	Port Arthur, Tex.	500	WAAY	660	Omaha, Nebr.	500
KPDN	1310	Pampa, Tex.	100	WABC	860	New York City	50000
KPLC	1500	Lake Charles, La.	100	WABI	1200	Bangor, Maine	100
KPO	680	San Francisco, Calif.	50000	WABY	1370	Albany, N. Y.	100
KPOF	880	Denver, Colo.	500	WACO	1420	Waco, Tex.	100
KPPC	1210	Pasadena, Calif.	100	WADC	1320	Tallmadge, Ohio	1000
KPQ	1500	Wenatchee, Wash.	100	WAGF	1370	Dothan, Ala.	250
KPRC	920	Houston, Tex.	1000	WAGM	1420	Presque Isle, Maine	100
KQV	1380	Pittsburgh, Pa.	500	WAIM	1200	Anderson, S. C.	100
KQW	1010	San Jose, Calif.	1000	WAIU	640	Columbus, Ohio	500
KRE	1370	Berkeley, Calif.	100	WALA	1380	Mobile, Ala.	500
KRGV	1260	Weslaco, Tex.	500	WALR	1210	Zanesville, Ohio	100
KRKD	1120	Los Angeles, Calif.	500	WAML	1310	Laurel, Miss.	100
KRKO	1370	Everett, Wash.	50	WAPI	1140	Birmingham, Ala.	5000
KRLC	1420	Lewiston, Idaho	100	WARD	1400	Brooklyn, N. Y.	500
KRLD	1040	Dallas, Tex.	10000	WASH	1270	Grand Rapids, Mich.	500
KRLH	1420	Midland, Tex.	100	WATL	1370	Atlanta, Ga.	100
KRMD	1310	Shreveport, La.	100	WATR	1190	Waterbury, Conn.	100
KRRR	1500	Roseburg, Ore.	100	WAVE	940	Louisville, Ky.	1000
KRNT	1320	Des Moines, Iowa	500	WAWZ	1350	Zarephath, N. J.	500
KROC	1310	Rochester, Minn.	100	WAZL	1420	Hazleton, Pa.	100
KROW	930	Oakland, Calif.	1000	WBAA	890	West Lafayette, Ind.	500
KRSC	1120	Seattle, Wash.	100	WBAL	1060	Baltimore, Md.	10000
KSAC	580	Manhattan, Kans.	500	WBAP	800	Fort Worth, Tex.	50000
KS CJ	1330	Sioux City, Iowa	1000	WBAX	1210	Wilkes-Barre, Pa.	100
KSD	550	St. Louis, Mo.	1000	WBBC	1400	Brooklyn, N. Y.	500
KSEI	900	Pocatello, Idaho	250	WBBL	1210	Richmond, Va.	100
KSFO	560	San Francisco, Calif.	1000	WBMM	770	Chicago, Ill.	50000
KS L	1130	Salt Lake City, Utah	50000	WBRR	1300	Brooklyn, N. Y.	1000
KS LM	1370	Salem, Ore.	100	WBZZ	1200	Ponca City, Okla.	100
KS O	1430	Des Moines, Iowa	500	WBCM	1410	Bay City, Mich.	500
KS OO	1110	Sioux Falls, S. Dak.	2500	WBEN	900	Buffalo, N. Y.	1000
KS TP	1460	St. Paul, Minn.	10000	WBEO	1310	Marquette, Mich.	100
KS UN	1200	Lowell, Ariz.	100	WBIG	1440	Greensboro, N. C.	500
KTAR	620	Phoenix, Ariz.	1000	WBNO	1200	New Orleans, La.	100
KTAT	1240	Fort Worth, Tex.	1000	WBNS	1430	Columbus, Ohio	500
KTBS	1450	Shreveport, La.	1000	WBNT	1350	New York City	250
KTFI	1240	Twin Falls, Idaho	1000	WBNY	1370	Buffalo, N. Y.	100
KT HS	1060	Hot Springs, Ark.	10000	WBOO	840	New York, N. Y.	50000
KTRB	740	Modesto, Calif.	250	WBOW	1310	Terre Haute, Ind.	1000
KTRH	1290	Houston, Tex.	1000	WBRE	1210	Red Bank, N. J.	100
KTSA	550	San Antonio, Tex.	1000	WBRC	930	Birmingham, Ala.	1000
KTSM	1310	El Paso, Tex.	100	WBRE	1310	Wilkes-Barre, Pa.	100
KTUL	1400	Tulsa, Okla.	500	WBT	1080	Charlotte, N. C.	50000
KTW	1220	Seattle, Wash.	1000	WB TM	1370	Danville, Va.	100
KUJ	1370	Walla Walla, Wash.	100	WBZ	990	Boston, Mass.	50000
KUMA	1420	Yuma, Ariz.	100	WBZA	990	Springfield, Mass.	1000
KUOA	1260	Fayetteville, Ark.	1000	WCAC	600	Storrs, Conn.	500
KUSD	890	Vermillion, S. Dak.	500	WCAD	1220	Canton, N. Y.	500
KVI	570	Tacoma, Wash.	1000	WC AF	1220	Pittsburgh, Pa.	1000
KVL	1370	Seattle, Wash.	100	WCAL	1250	Northfield, Minn.	1000
KVOA	1260	Tucson, Ariz.	500	WCAM	1280	Camden, N. J.	500
KVOD	920	Denver, Colo.	500	WC AO	600	Baltimore, Md.	500
KVOE	1500	Santa Ana, Calif.	100	WCAP	280	Asbury Park, N. J.	500
KVOL	1310	Lafayette, La.	100	WCAT	1200	Rapid City, S. Dak.	100
KVOO	1140	Tulsa, Okla.	25000	WCAU	1170	Philadelphia, Pa.	50000
KVOR	1270	Colo. Springs, Colo.	1000	WCAX	1200	Burlington, Vt.	100
KVOS	1200	Bellingham, Wash.	100	WC AZ	1070	Carthage, Ill.	100
KVSO	1210	Ardmore, Okla.	100	WCBA	1440	Allentown, Pa.	500
KWBG	1420	Hutchinson, Kans.	100	WCBD	1080	Waukegan, Ill.	5000
KWEA	1210	Shreveport, La.	100	WCBM	1370	Baltimore, Md.	100
KWG	1200	Stockton, Calif.	100	WCBS	1420	Springfield, Ill.	100
KWJJ	1040	Portland, Ore.	500	WCCO	810	Minneapolis, Minn.	50000
				WCFL	970	Chicago, Ill.	5000

# STANDARD BROADCASTING STATIONS

(CONTINUED)

Call Letters	Kilo-cycles	Studio Location	Power in Watts	Call Letters	Kilo-cycles	Studio Location	Power in Watts
WCHS	580	Charleston, W. Va.	500	WHAS	820	Louisville, Ky.	50000
WCHV	1420	Charlottesville, Va.	100	WHAT	1310	Philadelphia, Pa.	100
WCKY	1490	Covington, Ky.	5000	WHAZ	1300	Troy, N. Y.	500
WCLO	1200	Janesville, Wisc.	100	WHB	860	Kansas City, Mo.	1000
WCLS	1310	Joliet, Ill.	100	WHBB	1500	Selma, Ala.	100
WCMI	1310	Ashland, Ky.	100	WHBC	1200	Canton, Ohio	100
WCNW	1500	Brooklyn, N. Y.	100	WHBF	1210	Rock Island, Ill.	100
WCOA	1340	Pensacola, Fla.	500	WHBI	1250	Newark, N. J.	1000
WCOC	880	Meridian, Miss.	500	WHBL	1410	Sheboygan, Wisc.	500
WCOL	1210	Columbus, Ohio	100	WHBQ	1370	Memphis, Tenn.	100
WCOP	1120	Boston, Mass.	500	WHBU	1210	Anderson, Ind.	100
WCPO	1200	Cincinnati, Ohio	100	WHBY	1200	Green Bay, Wisc.	100
WCRW	1210	Chicago, Ill.	100	WHDF	1370	Calumet, Mich.	100
WCSC	1360	Charleston, S. C.	500	WHDH	830	Boston, Mass.	1000
WCSS	940	Portland, Maine	1000	WHDL	1420	Olean, N. Y.	100
WDAE	1220	Tampa, Fla.	1000	WHEB	740	Portsmouth, N. H.	250
WDAF	610	Kansas City, Mo.	1000	WHEC	1430	Rochester, N. Y.	500
WDAH	1310	El Paso, Tex.	100	WHEF	1500	Kosciusko, Miss.	100
WDAS	1370	Philadelphia, Pa.	100	WHFC	1420	Cicero, Ill.	100
WDAY	940	Fargo, N. Dak.	1000	WHIO	1260	Dayton, Ohio	1000
WDBJ	930	Roanoke, Va.	1000	WHIS	1410	Bluefield, W. Va.	250
WDBO	580	Orlando, Fla.	1000	WHJB	620	Greensburg, Pa.	250
WDEL	1120	Wilmington, Del.	250	WHK	1390	Cleveland, Ohio	1000
WDEV	550	Waterbury, Vt.	500	WHLB	1370	Virginia, Minn.	100
WDGY	1180	Minneapolis, Minn.	1000	WHN	1010	New York, N. Y.	1000
WDNC	1500	Durham, N. C.	100	WHO	1000	Des Moines, Iowa	50000
WDOD	1280	Chattanooga, Tenn.	1000	WHOM	1450	Jersey City, N. J.	250
WDRC	1330	Hartford, Conn.	1000	WHP	1430	Harrisburg, Pa.	500
WDSU	1250	New Orleans, La.	1000	WIBA	1280	Madison, Wisc.	1000
WDZ	1070	Tuscola, Ill.	100	WIBG	970	Glenside, Pa.	100
WEAF	660	New York, N. Y.	50000	WIBM	1370	Jackson, Mich.	100
WEAN	780	Providence, R. I.	500	WIBU	1210	Poynette, Wisc.	100
WEBC	1290	Superior, Wisc.	1000	WIBW	580	Topeka, Kans.	1000
WEBQ	1210	Harrisburg, Ill.	100	WIBX	1200	Utica, N. Y.	100
WEBR	1310	Buffalo, N. Y.	100	WICC	600	Bridgeport, Conn.	500
WEDC	1210	Chicago, Ill.	100	WIL	1200	St. Louis, Mo.	100
WEED	1420	Nr. Rocky Mount, N. C.	100	WILL	890	Urbana, Ill.	250
WEEL	590	Boston, Mass.	1000	WILM	1420	Wilmington, Del.	100
WEEU	830	Reading, Pa.	1000	WIND	560	Gary, Ind.	1000
WEGE	1400	Brooklyn, N. Y.	500	WINS	1180	New York, N. Y.	1000
WEHS	1420	Cicero, Ill.	100	WIOD	1300	Miami, Fla.	1000
WELI	900	New Haven, Conn.	500	WIP	610	Philadelphia, Pa.	1000
WELL	1420	Battle Creek, Mich.	100	WIRE	1400	Indianapolis, Ind.	500
WEMP	1310	Milwaukee, Wisc.	100	WIS	560	Columbia, S. C.	1000
WENR	870	Chicago, Ill.	50000	WISN	1120	Milwaukee, Wisc.	250
WEOA	1370	Evansville, Ind.	100	WJAC	1310	Johnstown, Pa.	100
WESG	850	Elmira, N. Y.	1000	WJAG	1060	Norfolk, Nebr.	1000
WEST	1200	Lancaster, Pa.	100	WJAR	890	Providence, R. I.	500
WEVD	1300	New York, N. Y.	1000	WJAS	1290	Pittsburgh, Pa.	1000
WEW	760	St. Louis, Mo.	1000	WJAX	900	Jacksonville, Fla.	1000
WEXL	1310	Royal Oak, Mich.	50	WJAY	610	Cleveland, Ohio	500
WFAA	800	Dallas, Tex.	50000	WJBC	1200	Bloomington, Ill.	100
WFAB	1300	New York, N. Y.	1000	WJBK	1500	Detroit, Mich.	100
WFAM	1200	South Bend, Ind.	100	WJBL	1200	Decatur, Ill.	100
WFAS	1210	White Plains, N. Y.	100	WJBO	1420	Baton Rouge, La.	100
WFBC	1300	Greenville, S. C.	1000	WJBR	1420	Gastonia, N. C.	100
WFBG	1310	Altoona, Pa.	100	WJBW	1200	New Orleans, La.	100
WFBL	1360	Syracuse, N. Y.	1000	WJBY	1210	Gadsden, Ala.	100
WFBM	1230	Indianapolis, Ind.	1000	WJDX	1270	Jackson, Miss.	1000
WFBR	1270	Baltimore, Md.	500	WJEG	1210	Hagerstown, Md.	100
WFDF	1310	Flint, Mich.	100	WJIM	1210	Lansing, Mich.	100
WFEE	1340	Manchester, N. H.	500	WJJD	1130	Chicago, Ill.	20000
WFIL	560	Philadelphia, Pa.	1000	WJMS	1420	Ironwood, Mich.	100
WFLA	620	Clearwater, Fla.	1000	WJNO	1200	West Palm Beach, Fla.	100
WFMD	900	Frederick, Md.	500	WJNR	750	Detroit, Mich.	50000
WGAL	1500	Lancaster, Pa.	100	WJSV	1460	Alexandria, Va.	10000
WGAR	1450	Cleveland, Ohio	500	WJW	1210	Akron, Ohio	100
WGBB	1210	Freepont, N. Y.	100	WJZ	760	New York, N. Y.	50000
WGBF	630	Evansville, Ind.	500	WKAQ	1240	San Juan, Puerto Rico	1000
WGBI	880	Scranton, Pa.	500	WKAR	850	East Lansing, Mich.	1000
WGCM	1210	Mississippi City, Miss.	100	WKBB	1500	East Dubuque, Ill.	100
WGES	1360	Chicago, Ill.	500	WKBH	1380	La Crosse, Wisc.	1000
WGH	1310	Newport News, Va.	100	WKBI	1420	Cicero, Ill.	100
WGL	1370	Ft. Wayne, Ind.	100	WKBN	570	Youngstown, Ohio	500
WGN	720	Chicago, Ill.	50000	WKBO	1200	Harrisburg, Pa.	100
WGNV	1210	Chester Twp., N. Y.	100	WKBW	1500	Richmond, Ind.	100
WGPC	1420	Albany, Ga.	100	WKBW	1480	Buffalo, N. Y.	5000
WGR	550	Buffalo, N. Y.	1000	WKBZ	1500	Muskegon, Mich.	100
WGST	890	Atlanta, Ga.	1000	WKBU	1500	Griffin, Ga.	100
WGY	790	Schenectady, N. Y.	50000	WKOK	1210	Sunbury, Pa.	100
WHA	940	Madison, Wisc.	2500	WKRC	550	Cincinnati, Ohio	1000
WHAM	1150	Rochester, N. Y.	50000	WKY	900	Oklahoma City, Okla.	1000
				WKZO	590	Kalamazoo, Mich.	1000

# STANDARD BROADCASTING STATIONS

(CONTINUED)

Call Letters	Kilo-cycles	Studio Location	Power in Watts	Call Letters	Kilo-cycles	Studio Location	Power in Watts
WLAC	1470	Nashville, Tenn.	5000	WPG	1100	Atlantic City, N. J.	5000
WLAK	1310	Lakeland, Fla.	100	WPHR	880	Petersburg, Va.	500
WLAP	1420	Lexington, Ky.	100	WPRO	630	Providence, R. I.	250
WLB	1250	Minneapolis, Minn.	1000	WPRP	1420	Ponce, Puerto Rico	100
WLBC	1310	Muncie, Ind.	100	WPTF	680	Raleigh, N. C.	5000
WLBZ	1420	Kansas City, Kans.	100	WQAM	560	Miami, Fla.	1000
WLBL	900	Stevens Point, Wisc.	2500	WQAN	880	Scranton, Pa.	250
WLBZ	620	Bangor, Maine	500	WQBC	1360	Vicksburg, Miss.	1000
WLEU	1420	Erie, Pa.	100	WQDM	1370	St. Albans, Vt.	100
WLLH	1370	Lowell, Mass.	100	WRAC	1370	Williamsport, Pa.	100
WLNH	1310	Laconia, N. H.	100	WRAP	1310	Reading, Pa.	100
WLS	870	Chicago, Ill.	50000	WRAX	920	Philadelphia, Pa.	250
WLTH	1400	Brooklyn, N. Y.	500	WRBL	1200	Columbus, Ga.	100
WLVA	1200	Lynchburg, Va.	100	WRC	950	Washington, D. C.	500
WLW	700	Cincinnati, Ohio	500,000	WRDO	1370	Augusta, Maine	100
WLWL	1100	New York, N. Y.	5000	WRDW	1500	Augusta, Ga.	100
WMAL	630	Washington, D. C.	250	WRFC	600	Memphis, Tenn.	1000
WMAQ	670	Chicago, Ill.	50000	WREN	1220	Lawrence, Kans.	1000
WMAS	1420	Springfield, Mass.	100	WRGA	1500	Rome, Ga.	100
WMAZ	1180	Macon, Ga.	1000	WRJN	1370	Rackine, Wisc.	100
WMBC	1420	Detroit, Mich.	100	WRKQ	1410	Rockford, Ill.	500
WMBD	1440	Peoria, Ill.	500	WROL	1310	Knoxville, Tenn.	100
WMBF	1300	Miami, Fla.	1000	WRR	1280	Dallas, Tex.	500
WMBG	1210	Richmond, Va.	100	WRUF	830	Gainesville, Fla.	5000
WMBH	1420	Joplin, Mo.	100	WRVA	1110	Richmond, Va.	5000
WMBI	1080	Chicago, Ill.	5000	WSAI	1330	Cincinnati, Ohio	1000
WMBO	1310	Auburn, N. Y.	100	WSAJ	1310	Grove City, Pa.	100
WMBQ	1500	Brooklyn, N. Y.	100	WSAN	1440	Allentown, Pa.	500
WMBR	1370	Jacksonville, Fla.	100	WSAR	1450	Fall River, Mass.	1000
WMC	780	Memphis, Tenn.	1000	WSAY	1210	Rochester, N. Y.	100
WMCA	570	New York, N. Y.	500	WSAZ	1190	Huntington, W. Va.	1000
WMEX	1500	Boston, Mass.	100	WSB	740	Atlanta, Ga.	50000
WMFD	1370	Wilmington, N. C.	100	WSBC	1210	Chicago, Ill.	100
WMFF	1310	Plattsburg, N. Y.	250	WSBT	1360	South Bend, Ind.	500
WMFG	1210	Hibbing, Minn.	100	WSFA	1410	Montgomery, Ala.	500
WMFJ	1420	Daytona Beach, Fla.	100	WSGN	1310	Birmingham, Ala.	100
WMFN	1210	Clarksdale, Miss.	100	WSIX	1210	Springfield, Tenn.	100
WMFO	1370	Decatur, Ala.	100	WSJS	1310	Winston-Salem, N. C.	100
WMFR	1200	High Point, N. C.	100	WSM	650	Nashville, Tenn.	50000
WMIN	1370	St. Paul, Minn.	100	WSMB	1320	New Orleans, La.	500
WMMN	890	Fairmont, W. Va.	500	WSMK	1380	Dayton, Ohio	200
WMPC	1200	Lapeer, Mich.	100	WSOC	1210	Charlotte, N. C.	100
WMSD	1420	Sheffield, Ala.	100	WSPA	920	Spartanburg, S. C.	1000
WMT	600	Cedar Rapids, Iowa	1000	WSPD	1340	Toledo, Ohio	1000
WNAC	1230	Boston, Mass.	1000	WSPR	1140	Springfield, Mass.	500
WNAD	1010	Norman, Okla.	1000	WSUI	880	Iowa City, Iowa	500
WNAX	570	Yankton, S. Dak.	1000	WSUN	620	Clearwater, Fla.	1000
WNBC	1380	New Britain, Conn.	250	WSVA	550	Harrisonburg, Va.	500
WNBF	1500	Binghamton, N. Y.	100	WSVS	1370	Buffalo, N. Y.	50
WNBH	1310	New Bedford, Mass.	100	WSYB	1500	Rutland, Vt.	100
WNBX	1430	Memphis, Tenn.	500	WSYR	570	Syracuse, N. Y.	250
WNBZ	1260	Springfield, Vt.	1000	WTAD	900	Quincy, Ill.	500
WNEB	1290	Saranac Lake, N. Y.	100	WTAG	580	Worcester, Mass.	500
WNEI	1290	San Juan, Puerto Rico	1000	WTAL	1310	Tallahassee, Fla.	100
WNEW	1250	Newark, N. J.	1000	WTAM	1070	Cleveland, Ohio	50000
WNOX	1010	Knoxville, Tenn.	1000	WTAQ	1330	Eau Claire, Wisc.	1000
WNRI	1200	Newport, R. I.	100	WTAR	780	Norfolk, Va.	500
WNYC	810	New York, N. Y.	1000	WTAW	1120	College Station, Tex.	500
WOAI	1190	San Antonio, Tex.	50000	WTAX	1210	Springfield, Ill.	100
WOC	1370	Davenport, Iowa	1000	WTBO	800	Cumberland, Md.	250
WOCL	1210	Jamestown, N. Y.	50	WTCN	1250	Minneapolis, Minn.	1000
WOI	640	Ames, Iowa	5000	WTEL	1310	Philadelphia, Pa.	100
WOKO	1430	Albany, N. Y.	500	WTFI	1450	Athens, Ga.	500
WOL	1310	Washington, D. C.	100	WTHT	1200	Hartford, Conn.	100
WOMT	1210	Manitowoc, Wisc.	100	WTIC	1040	Hartford, Conn.	50000
WOOD	1270	Grand Rapids, Mich.	500	WTJS	1310	Jackson, Tenn.	100
WOPI	1500	Bristol, Tenn.	100	WTMJ	620	Milwaukee, Wisc.	1000
WOR	710	Newark, N. J.	50000	WTMY	1500	E. St. Louis, Ill.	100
WORC	1280	Worcester, Mass.	500	WTNJ	1280	Trenton, N. J.	500
WORK	1320	York, Pa.	1000	WTOC	1260	Savannah, Ga.	1000
WORL	920	Needham, Mass.	500	WTRC	1310	Elkhart, Ind.	100
WOS	630	Jefferson City, Mo.	500	WVFW	1400	Brooklyn, N. Y.	500
WOSU	570	Columbus, Ohio	750	WWAE	1200	Hammond, Ind.	100
WOV	1130	New York, N. Y.	1000	WWJ	920	Detroit, Mich.	1000
WOW	590	Omaha, Nebr.	1000	WWL	850	New Orleans, La.	10000
WOWO	1160	Ft. Wayne, Ind.	10000	WWNC	570	Asheville, N. C.	1000
WPAD	1420	Paducah, Ky.	100	WWRL	1500	Woodside, N. Y.	100
WPAR	1420	Parkersburg, W. Va.	100	WWSW	1500	Pittsburgh, Pa.	100
WPAX	1210	Thomasville, Ga.	250	WWVA	1160	Wheeling, W. Va.	500
WPAY	1370	Portsmouth, Ohio	100	WXYZ	1240	Detroit, Mich.	1000
WPEN	920	Philadelphia, Pa.	250				
WPFB	1370	Hattiesburg, Miss.	100				

# CANADIAN and MEXICAN STANDARD BROADCASTING STATIONS

## CANADA

Call Letters	Kilo-cycles	Studio Location	Power in Watts
CFAC	930	Calgary, Alberta	100
CFCF	600	Montreal, Quebec	400
CFCH	930	North Bay, Ontario	100
CFCN	1030	Calgary, Alberta	10,000
CFCO	1050	Chatham, Ontario	100
CFCT	1450	Victoria, British Columbia	50
CFCY	630	Charlottetown, Prince Ed. Is.	1,000
CFJC	880	Kamloops, British Columbia	100
CFLC	930	Prescott, Ontario	100
CFNB	550	Fredericton, New Brunswick	500
CFPL	730	London, Ontario	100
CFPR	580	Prince Rupert, British Col.	50
CFQC	840	Saskatoon, Saskatchewan	1,000
CFRB	690	Toronto, Ontario	10,000
CFRC	1510	Kingston, Ontario	100
CFRN	1260	Edmonton, Alberta	100
CHAB	1200	Moose Jaw, Saskatchewan	100
CHCK	1310	Charlottetown, Prince Ed. Is.	50
CHGS	1450	Summerside, Prince Ed. Is.	50
CHLP	1120	Montreal, Quebec	100
CHML	1010	Hamilton, Ontario	50
CHNC	1410	New Carlisle, Quebec	500
CHNS	930	Halifax, Nova Scotia	1,000
CHRC	580	Quebec, Quebec	100
CHSJ	1120	St. John, New Brunswick	500
CHWC	1010	Regina, Saskatchewan	500
CHWK	780	Chilliwack, British Col.	100
CJAT	910	Trail, British Columbia	250
CJCA	730	Edmonton, Alberta	1,000
CJCB	1240	Sydney, Nova Scotia	1,000
CJ CJ	690	Calgary, Alberta	100
CJCS	1210	Stratford, Ontario	50
CJCU	1210	Aklavik, Northwest Terr.	50
CJGX	630	Winnipeg, Manitoba	500
CJIC	890	Sault Sainte Marie, Ontario	100
CJKL	530	Kirkland Lake, Ontario	1,000
CJLS	1310	Yarmouth, Nova Scotia	100
CJOC	1230	Lethbridge, Alberta	100
CJOR	600	Vancouver, British Columbia	500
CJRC	1390	Winnipeg, Manitoba	100
CJRM	540	Moose Jaw, Saskatchewan	1,000
CKAC	730	Montreal, Quebec	5,000
CKBI	1210	Prince Albert, Saskatchewan	100
CKCD	1010	Vancouver, British Columbia	100
CKCH	1210	Hull, Quebec	100
CKCK	1010	Regina, Saskatchewan	500
CKCL	580	Toronto, Ontario	100
CKCO	1010	Ottawa, Ontario	100
CKCR	1510	Waterloo, Ontario	100
CKCV	1310	Quebec, Quebec	100
CKCW	1370	Moncton, New Brunswick	100
CKCF	1410	Vancouver, British Columbia	50
CKGB	1420	Timmins, Ontario	100
CKIC	1010	Wolfville, Nova Scotia	50
CKLW	1030	Windsor, Ontario	5,000
CKMC	1210	Cobalt, Ontario	50
CKMO	1410	Vancouver, British Columbia	100
CKNC	1420	Toronto, Ontario	100
CKNX	1200	Wingham, Ontario	50
CKOC	1120	Hamilton, Ontario	500
CKOV	630	Kelowna, British Columbia	100
CKPC	930	Brantford, Ontario	100
CKPR	930	Fort William, Ontario	100
CKSO	780	Sudbury, Ontario	1,000
CKTB	1200	St. Catherines, Ontario	100
CKUA	580	Edmonton, Alberta	500
CKWX	1010	Vancouver, British Columbia	100
CKX	1120	Brandon, Manitoba	100
CKY	960	Winnipeg, Manitoba	15,000
CRCK	1050	Quebec, Quebec	1,000

## CANADA—(Continued)

Call Letters	Kilo-cycles	Studio Location	Power in Watts
CRCM	910	Montreal, Quebec	5,000
CRCO	880	Ottawa, Ontario	1,000
CRCS	950	Chicoutimi, Quebec	100
CRCT	840	Toronto, Ontario	5,000
CRCV	1100	Vancouver, British Col.	1,000
CRCW	600	Windsor, Ontario	500

## MEXICO

Call Letters	Kilo-cycles	Studio Location	Power in Watts
XEA	1060	Guadalajara	125
XEAA	920	Mexicali	200
XEAC	1240	Tijuana	250
XEAF	990	Nogales	750
XEAL	660	Mexico City	1,000
XEAO	560	Mexicali	250
XEAQ	1090	Tijuana	1,000
XEAS	1160	Saltillo	50
XEAT	1210	Hidalgo del Parrel	250
XEAW	960	Reynosa	50,000
XEB	1030	Mexico City	10,000
XEBC	730	Agua Caliente	5,000
XEBH	930	Hermosillo	500
XEBK	1000	Nuevo Laredo	100
XECZ	1370	San Luis Portosi	100
XED	1160	Guadalajara	2,500
XEE	1210	Durango	50
XEF	990	Juarez	100
XEFB	1420	Monterey	100
XEFC	560	Merida	100
XEFE	850	Laredo	250
XEFI	1440	Chihuahua	250
XEFJ	1230	Monterey	100
XEFL	1150	Tijuana	250
XEFO	940	Mexico City	5,000
XEFV	1210	Juarez	100
XEFW	1310	Tampico	250
XEFZ	1370	Mexico City	100
XEG	1270	Ensenada	200
XEH	1150	Monterey	250
XEI	1370	Morelia	125
XEJ	1020	Juarez	1,000
XEK	990	Mexico City	100
XEKL	1240	Guanajuato	500
XEL	1100	Mexico City	250
XELA	1240	Saltillo	50
XELO	1110	Piedras Negras	10,000
XEMO	860	Tijuana	5,000
XEN	710	Mexico City	1,000
XENC	810	Mexico City	50
XENT	910	Nuevo Laredo	150,000
XEOK	760	Tijuana	2,500
XEOQ	1150	Mexico City	100
XEPN	590	Piedras Negras	100,000
XERA	840	Villa Acuna	250,000
XES	990	Tampico	250
XET	690	Monterey	500
XETB	1310	Torreón	125
XETH	1210	Puebla	100
XEU	1010	Vera Cruz	250
XEW	890	Mexico City	50,000
XEX	1310	Monterey	125
XEXB	1270	Jalapa	250
XEXC	810	Agua Caliente	350
XEXD	1340	Jalapa	350
XEXH	1250	San Luis Portosi	250
XEXM	610	Mexico City	500
XEYO	940	Mexico City	5,000
XEZ	630	Merida	500



# KILOCYCLE INDEX

## Broadcasting Stations of U. S. and Canada Listed by Frequencies

Call Letters	Studio Location	Power in Watts	Call Letters	Studio Location	Power in Watts	Call Letters	Studio Location	Power in Watts
<b>530 kc.</b>			<b>610 kc.</b>			<b>740 kc.</b>		
JKL	Kirkland Lake, Ont.	1000	KFRC	San Francisco, Calif.	1000	KMMJ	Clay Center, Nebr.	1000
<b>540 kc.</b>			WDAF	Kansas City, Mo.	1000	KTRB	Modesto, Calif.	250
CJRM	Moose Jaw, Sask.	1000	WIP	Philadelphia, Pa.	1000	WHEB	Portsmouth, N. H.	250
<b>550 kc.</b>			WJAY	Cleveland, Ohio	500	WSB	Atlanta, Ga.	50000
CFNB	Fredericton, N. B.	500	<b>620 kc.</b>			<b>750 kc.</b>		
KFUO	Clayton, Mo.	500	KGW	Portland, Ore.	1000	KGU	Honolulu, Hawaii	2500
KFYR	Bismarck, N. D.	1000	KRAR	Phoenix, Ariz.	1000	WJR	Detroit, Mich.	50000
KOAC	Corvallis, Ore.	1000	WFLA	Clearwater, Fla.	1000	<b>760 kc.</b>		
KSD	St. Louis, Mo.	1000	WHJB	Greensburg, Pa.	250	KXA	Seattle, Wash.	250
KTSA	San Antonio, Texas	1000	WLBZ	Bangor, Maine	500	WEW	St. Louis, Mo.	1000
WDEV	Waterbury, Vt.	500	WSUN	Clearwater, Fla.	1000	WJZ	New York City	50000
WGR	Buffalo, N. Y.	1000	WTMJ	Milwaukee, Wis.	1000	<b>770 kc.</b>		
WKRC	Cincinnati, Ohio	1000	<b>630 kc.</b>			KFAB	Lincoln, Nebr.	10000
WSVA	Harrisonburg, Va.	500	CFCY	Charlottetown, P.E.I.	1000	WBBM	Chicago, Ill.	50000
<b>560 kc.</b>			CJGX	Winnipeg, Man.	500	<b>780 kc.</b>		
KFDM	Beaumont, Texas	500	CKOY	Kelowna, B. C.	100	CHWK	Chilliwack, B. C.	100
KLZ	Denver, Colo.	1000	KFRU	Colombia, Mo.	500	CKSO	Sudbury, Ont.	1000
KSFO	San Francisco, Calif.	1000	KGFX	Pierre, S. D.	200	KEHE	Los Angeles, Calif.	500
KWTO	Springfield, Mo.	5000	WGBF	Evansville, Ind.	500	KELW	Burbank, Calif.	500
WFIL	Philadelphia, Pa.	1000	WMAL	Washington, D. C.	250	KFDV	Brookings, S. D.	1000
WIND	Gary, Ind.	1000	WOS	Jefferson City, Mo.	500	KFQD	Anchorage, Alaska	250
WIS	Columbia, S. C.	1000	WPRO	Providence, R. I.	250	KGHL	Billings, Mont.	1000
WQAM	Miami, Fla.	1000	<b>640 kc.</b>			WEAN	Providence, R. I.	500
<b>570 kc.</b>			KFI	Los Angeles, Calif.	50000	WMC	Memphis, Tenn.	1000
KGKO	Wichita Falls, Texas	250	WAIU	Columbus, Ohio	500	WTAR	Norfolk, Va.	500
KMTR	Los Angeles, Calif.	1000	WOI	Ames, Iowa	5000	<b>790 kc.</b>		
KVI	Tacoma, Wash.	1000	<b>650 kc.</b>			KGO	San Francisco, Calif.	7500
WKBN	Youngstown, Ohio	500	WSM	Nashville, Tenn.	50000	WGY	Schenectady, N. Y.	50000
WMCA	New York City	500	<b>660 kc.</b>			<b>800 kc.</b>		
WNAX	Yankton, S. D.	1000	WAAW	Omaha, Nebr.	500	WBAP	Fort Worth, Texas	50000
WOSU	Columbus, Ohio	750	WEAF	New York City	50000	WFAA	Dallas, Texas	50000
WSYR	Syracuse, N. Y.	250	<b>670 kc.</b>			WTBO	Cumberland, Md.	250
WNWC	Asheville, N. C.	1000	WMAQ	Chicago, Ill.	50000	<b>810 kc.</b>		
<b>580 kc.</b>			<b>680 kc.</b>			WCCO	Minneapolis, Minn.	50000
CFPR	Prince Rupert, B. C.	50	KFEQ	St. Joseph, Mo.	2500	WNYC	New York City	1000
CHRC	Quebec, Quebec	100	KPO	San Francisco, Calif.	50000	<b>820 kc.</b>		
CKCL	Toronto, Ont.	100	WPTF	Raleigh, N. C.	5000	WHAS	Louisville, Ky.	50000
CKUA	Edmonton, Alb.	500	<b>690 kc.</b>			<b>830 kc.</b>		
KMJ	Fresno, Calif.	500	CFRB	Toronto, Ont.	10000	KOA	Denver, Colo.	50000
KSAC	Manhattan, Kans.	500	CJ CJ	Calgary, Alb.	100	WEEU	Reading, Pa.	1000
WCHS	Charleston, W. Va.	500	<b>700 kc.</b>			WHDH	Boston, Mass.	1000
WBDO	Orlando, Fla.	1000	WLW	Cincinnati, Ohio	50000	WRUF	Gainesville, Fla.	5000
WBW	Topeka, Kans.	1000	<b>710 kc.</b>			<b>840 kc.</b>		
WTAG	Worcester, Mass.	500	KIRO	Seattle, Wash.	500	CFQC	Saskatoon, Sask.	1000
<b>590 kc.</b>			KMPC	Beverly Hills, Calif.	500	CRCT	Toronto, Ont.	5000
KHQ	Spokane, Wash.	1000	WOR	Newark, N. J.	50000	<b>850 kc.</b>		
WEEI	Boston, Mass.	1000	<b>720 kc.</b>			KIEV	Glendale, Calif.	250
WKZO	Kalamazoo, Mich.	1000	WGN	Chicago, Ill.	50000	WESG	Elmira, N. Y.	1000
WOW	Omaha, Neb.	1000	<b>730 kc.</b>			WKAR	E. Lansing, Mich.	1000
<b>600 kc.</b>			CFPL	London, Ont.	100	WWL	New Orleans, La.	10000
CFCF	Montreal, Quebec	400	CJCA	Edmonton, Alb.	1000	<b>860 kc.</b>		
CJOR	Vancouver, B. C.	500	CKAC	Montreal, Que.	5000	WABC	New York City	50000
CRCW	Windsor, Ont.	500	<b>740 kc.</b>			WBOQ	New York City	50000
KFSD	San Diego, Calif.	1000	<b>750 kc.</b>			WHB	Kansas City, Mo.	1000
WCAC	Storrs, Conn.	500	<b>760 kc.</b>					
WCAO	Baltimore, Md.	500	<b>770 kc.</b>					
WICC	Bridgeport, Conn.	500	<b>780 kc.</b>					
WMT	Cedar Rapids, Ia.	1000	<b>790 kc.</b>					
WREC	Memphis, Tenn.	1000	<b>800 kc.</b>					

## KILOCYCLE INDEX (CONTINUED)

Call Letters	Studio Location	Power in Watts	Call Letters	Studio Location	Power in Watts	Call Letters	Studio Location	Power in Watts
<b>870 kc.</b>			<b>950 kc.</b>			<b>1100 kc.</b>		
WENR	Chicago, Ill.	50000	CRCS	Chicoutimi, Que.	100	CRCV	Vancouver, B. C.	1000
WLS	Chicago, Ill.	50000	KFWD	Hollywood, Calif.	1000	KGDM	Stockton, Calif.	1000
<b>880 kc.</b>			KHSL	Chico, Calif.	250	KWKH	Shreveport, La.	10000
CFJC	Kamloops, B. C.	100	KMBC	Kansas City, Mo.	1000	WLWL	New York, N. Y.	5000
CRCO	Ottawa, Ont.	1000	WRC	Washington, D. C.	500	WPG	Atlantic City, N. J.	5000
KFA	Greeley, Colo.	500	<b>960 kc.</b>			<b>1110 kc.</b>		
KLX	Oakland, Calif.	1000	CKY	Winnipeg, Man.	15000	KSOO	Sioux Falls, S. D.	2500
KPOF	Denver, Col.	500	<b>970 kc.</b>			WRVA	Richmond, Va.	5000
WCOC	Meridian, Miss.	500	KJR	Seattle, Wash.	5000	<b>1120 kc.</b>		
WGBI	Scranton, Pa.	500	WCFL	Chicago, Ill.	5000	CHLP	Montreal, Que.	100
WPHR	Petersburg, Va.	500	WIBG	Glenside, Pa.	100	CHSJ	St. Johns, N. B.	500
WQAN	Scranton, Pa.	250	<b>980 kc.</b>			CKOC	Hamilton, Ont.	500
WSUI	Iowa City, Ia.	500	KDKA	Pittsburgh, Pa.	50000	KFIO	Spokane, Wash.	100
<b>890 kc.</b>			<b>990 kc.</b>			KFSG	Los Angeles, Calif.	500
CJIC	Sault St. Marie, Ont.	100	WBZ	Boston, Mass.	50000	KRSD	Los Angeles, Calif.	500
KARK	Little Rock, Ark.	250	WBZA	Springfield, Mass.	1000	KRSC	Seattle, Wash.	100
KNFM	Shenandoah, Iowa	500	<b>1000 kc.</b>			WCOP	Boston, Mass.	500
KFPY	Spokane, Wash.	1000	KFVD	Los Angeles, Calif.	250	WDEL	Wilmington, Del.	250
KUSD	Vermillion, S. D.	500	WHO	Des Moines, Ia.	50000	WISN	Milwaukee, Wis.	250
WBAA	W. Lafayette, Ind.	500	<b>1010 kc.</b>			WTAW	College Station, Tex.	500
WGST	Atlanta, Ga.	1000	CHML	Hamilton, Ont.	50	<b>1130 kc.</b>		
WILL	Urbana, Ill.	250	CHWC	Regina, Sask.	500	KSL	Salt Lake City, U.	50000
WJAR	Providence, R. I.	500	CKCD	Vancouver, B. C.	100	WJJD	Chicago, Ill.	20000
WMMN	Fairmont, W. Va.	500	CKCK	Regina, Sask.	500	WVOV	New York City	1000
<b>900 kc.</b>			CKCO	Ottawa, Ont.	100	<b>1140 kc.</b>		
KGBU	Ketchikan, Alaska	500	CKIC	Wolfville, N. S.	50	KVOO	Tulsa, Okla.	25000
KHJ	Los Angeles, Calif.	1000	CKWX	Vancouver, B. C.	100	WAPI	Birmingham, Ala.	5000
KSEI	Pocatello, Idaho	250	KGFF	Coffeyville, Kan.	1000	WSPR	Springfield, Mass.	500
WBEN	Buffalo, N. Y.	1000	KQW	San Jose, Calif.	1000	<b>1150 kc.</b>		
WELI	New Haven, Conn.	500	WHN	New York, N. Y.	1000	WHAM	Rochester, N. Y.	50000
WFMD	Frederick, Md.	500	WNAD	Norman, Okla.	1000	<b>1160 kc.</b>		
WJAX	Jacksonville, Fla.	1000	WNOX	Knoxville, Tenn.	1000	WOWO	Ft. Wayne, Ind.	10000
WKY	Okla. City, Okla.	1000	<b>1020 kc.</b>			WWVA	Wheeling, W. Va.	5000
WLBL	Stevens Pt., Wis.	2500	KYW	Philadelphia, Pa.	10000	<b>1170 kc.</b>		
WTAD	Quincy, Ill.	500	<b>1030 kc.</b>			WCAU	Philadelphia, Pa.	50000
<b>910 kc.</b>			CFCN	Calgary, Alb.	10000	<b>1180 kc.</b>		
CJAT	Trail, B. C.	250	CKLW	Windsor, Ont.	5000	KEX	Portland, Ore.	5000
CRCM	Montreal, Que.	5000	<b>1040 kc.</b>			KOB	Albuquerque, N. M.	10000
<b>920 kc.</b>			KRLD	Dallas, Texas	10000	WDGY	Minneapolis, Minn.	1000
KFEL	Denver, Colo.	500	KWJJ	Portland, Ore.	500	WINS	New York City	1000
KOMO	Seattle, Wash.	1000	WTIC	Hartford, Conn.	50000	WMAZ	Macon, Ga.	1000
KPRC	Houston, Texas	1000	<b>1050 kc.</b>			<b>1190 kc.</b>		
KVOD	Denver, Colo.	500	CFCO	Chatham, Ont.	100	WATR	Waterbury, Conn.	100
WAAF	Chicago, Ill.	1000	CRCK	Quebec, Que.	1000	WOAI	San Antonio, Tex.	50000
WORL	Needham, Mass.	500	KFB1	Abilene, Kan.	5000	WSAZ	Huntington, W. Va.	1000
WPEN	Philadelphia, Pa.	250	KNX	Los Angeles, Calif.	50000	<b>1200 kc.</b>		
WRAX	Philadelphia, Pa.	250	<b>1060 kc.</b>			CHAB	Moose Jaw, Sask.	100
WSPA	Spartanburg, S. C.	1000	KTHS	Hot Springs, Ark.	10000	CKNX	Wingham, Ont.	50
WWJ	Detroit, Mich.	1000	WBAL	Baltimore, Md.	10000	CKTB	St. Catherine, Ont.	100
<b>930 kc.</b>			WJAG	Norfolk, Nebr.	1000	KADA	Ada, Okla.	100
CFAC	Calgary, Alb.	100	<b>1070 kc.</b>			KBTM	Jonesboro, Ark.	100
CFCH	North Bay, Ont.	100	KJBS	San Francisco, Calif.	500	KFJB	Marshalltown, Iowa	100
CFCL	Prescott, Ont.	100	WCAZ	Carthage, Ill.	100	KFXD	Nampa, Idaho	100
CHNS	Halifax, N. S.	1000	WDCZ	Tuscola, Ill.	100	KFXJ	Grand Junction, Colo.	100
CKPC	Brantford, Ont.	100	WTM	Cleveland, Ohio	50000	KGDE	Fergus Falls, Minn.	100
CKPR	Fort William, Ont.	100	<b>1080 kc.</b>			KGEF	Sterling, Colo.	100
KGBZ	York, Nebr.	1000	WBT	Charlotte, N. C.	50000	KGfJ	Los Angeles, Calif.	100
KMA	Shenandoah, Iowa	1000	WCB	Waukegan, Ill.	5000	KGHI	Little Rock, Ark.	100
KROW	Oakland, Calif.	1000	WMB1	Chicago, Ill.	5000	KMLB	Monroe, La.	100
WBRC	Birmingham, Ala.	1000	<b>1090 kc.</b>			KSUN	Lowell, Ariz.	100
WDBJ	Roanoke, Va.	1000	KMOX	St. Louis, Mo.	50000	KVOS	Bellingham, Wash.	100
<b>940 kc.</b>			<b>1100 kc.</b>			KWG	Stockton, Calif.	100
KOIN	Portland, Ore.	1000	<b>1110 kc.</b>			WABI	Bangor, Maine	100
WAAT	Jersey City, N. J.	500	<b>1120 kc.</b>			WAIM	Anderson, S. C.	100
WAVE	Louisville, Ky.	1000	<b>1130 kc.</b>			WBBZ	Ponca City, Okla.	100
WCSD	Portland, Maine	1000	<b>1140 kc.</b>			<b>1150 kc.</b>		
WDAY	Fargo, N. D.	1000	<b>1150 kc.</b>			<b>1160 kc.</b>		
WHA	Madison, Wis.	2500	<b>1160 kc.</b>			<b>1170 kc.</b>		

## KILOCYCLE INDEX (CONTINUED)

Call Letters	Studio Location	Power in Watts	Call Letters	Studio Location	Power in Watts	Call Letters	Studio Location	Power in Watts
WBNO	New Orleans, La.	100	<b>1230 kc.</b>			<b>1310 kc.</b>		
WCAT	Rapid City, S. D.	100	CJOC	Lethbridge, Alb.	100	CHCK	Charlottetown, P. E. I.	50
WCAX	Burlington, Vt.	100	KGBX	Springfield, Mo.	500	CJLS	Yarmouth, N. S.	100
WCLO	Janesville, Wisc.	100	KGGM	Albuquerque, N. M.	250	KCKV	Quebec, Que.	100
WCPO	Cincinnati, Ohio	100	KYA	San Francisco, Calif.	1000	KCRJ	Jerome, Ariz.	100
WEST	Lancaster, Pa.	100	WFBM	Indianapolis, Ind.	1000	KFPL	Dublin, Texas	100
WFAM	South Bend, Ind.	100	WNAC	Boston, Mass.	1000	KFXR	Oklahoma City, Okla.	100
WHBC	Canton, Ohio	100	<b>1240 kc.</b>			KFYO	Lubbock, Texas	100
WHBY	Green Bay, Wisc.	100	CJCB	Sydney, N. S.	1000	KGEX	Wolf Point, Mont.	100
WIBX	Utica, N. Y.	100	KGCU	Mandan, N. D.	250	KGFZ	Kalispell, Mont.	100
WIL	St. Louis, Mo.	100	KLPM	Minot, N. D.	250	KGFW	Kearney, Nebr.	100
WJBC	Bloomington, Ill.	100	KTAT	Fort Worth, Texas	1000	KINY	Juneau, Alaska	100
WJBL	Decatur, Ill.	100	KTFI	Twin Falls, Idaho	1000	KIT	Yakima, Wash.	100
WJBW	New Orleans, La.	100	WKAQ	San Juan, P. Rico	1000	KIUJ	Santa Fe, N. Mex.	100
WJNO	W. Palm Beach, Fla.	100	WXYZ	Detroit, Mich.	1000	KMED	Medford, Ore.	100
WKBO	Harrisburg, Pa.	100	<b>1250 kc.</b>			KPDN	Pampa, Texas	100
WLVA	Lynchburg, Va.	100	KFOX	Long Beach, Calif.	1000	KROC	Rochester, Minn.	100
WMFR	High Point, N. C.	100	WCAL	Northfield, Minn.	1000	KTSM	El Paso, Texas	100
WMPC	Lapeer, Mich.	100	WDSU	New Orleans, La.	1000	KVOL	Lafayette, La.	100
WNRI	Newport, R. I.	100	WHBI	Newark, N. J.	1000	KXRO	Aberdeen, Wash.	100
WRBL	Columbus, Ga.	100	WLB	Minneapolis, Minn.	1000	WAML	Laurel, Miss.	100
WTHT	Hartford, Conn.	100	WNEW	Newark, N. J.	1000	WBEO	Marquette, Mich.	100
WWAE	Hammond, Ind.	100	WTCN	Minneapolis, Minn.	1000	WBOW	Terre Haute, Ind.	100
<b>1210 kc.</b>			<b>1260 kc.</b>			WBRE	Wilkes-Barre, Pa.	100
CJCS	Stratford, Ont.	50	CFRN	Edmonton, Alb.	100	WCLJ	Joliet, Ill.	100
CJCU	Aklavik, No. Territory	50	KGVO	Missoula, Mont.	1000	WCMJ	Ashland, Ky.	100
CKBI	Prince Albert, Sask.	100	KOIL	Council Bluffs, Iowa	1000	WDAH	El Paso, Tex.	100
CKCH	Hull, Que.	100	KPAC	Port Arthur, Texas	500	WBRW	Buffalo, N. Y.	100
CKMC	Cobalt, Ont.	50	KRGV	Weslaco, Texas	500	WEMP	Milwaukee, Wisc.	100
KASA	Elk City, Okla.	100	KUOA	Fayetteville, Ark.	1000	WEXL	Royal Oak, Mich.	50
KDLR	Devils Lake, N. D.	100	KVOA	Tucson, Ariz.	500	WFBG	Altoona, Pa.	100
KDON	Del Monte, Calif.	100	WHIO	Dayton, Ohio	1000	WFDJ	Flint, Mich.	100
KFJI	Klamath Falls, Ore.	100	WNBX	Dallas, Wash.	1000	WGH	Newport News, Va.	100
KFOR	Lincoln, Nebr.	100	WTOC	Springfield, Vt.	1000	WHAT	Philadelphia, Pa.	100
KFPW	Ft. Smith, Ark.	100	<b>1270 kc.</b>			WJAC	Johnstown, Pa.	100
KFVS	Cape Girardeau, Mo.	100	KGCA	Decorah, Iowa	100	WLAK	Lakeland, Fla.	100
KFXM	San Bernardino, Calif.	100	KOL	Seattle, Wash.	1000	WLBC	Muncie, Ind.	100
KGY	Olympia, Wash.	100	KVOR	Colorado Springs, Colo.	1000	WLNH	Laconia, N. H.	100
KIUL	Garden City, Kans.	100	KWLC	Decorah, Iowa	100	WMBW	Auburn, N. Y.	100
KPPC	Pasadena, Calif.	100	WASH	Grand Rapids, Mich.	500	WMFO	Plattsburg, N. Y.	250
KVSO	Ardmore, Okla.	100	WFBR	Baltimore, Md.	500	WNBH	New Bedford, Mass.	100
KWEA	Shreveport, La.	100	WJDX	Jackson, Miss.	1000	WOL	Washington, D. C.	100
KWTN	Watertown, S. Dak.	100	WOOD	Grand Rapids, Mich.	500	WRAW	Reading, Pa.	100
WALR	Zanesville, Ohio	100	<b>1280 kc.</b>			WROL	Knoxville, Tenn.	100
WBAX	Wilkes-Barre, Pa.	100	KFBB	Great Falls, Mont.	1000	WSAJ	Grove City, Pa.	100
WBBL	Richmond, Va.	100	WCAM	Camden, N. J.	500	WSGN	Birmingham, Ala.	100
WBRB	Red Bank, N. J.	100	WCAP	Asbury Park, N. J.	500	WSJS	Winston-Salem, N. C.	100
WCOL	Columbus, Ohio	100	WDDO	Chattanooga, Tenn.	1000	WTAL	Tallahassee, Fla.	100
WCRW	Chicago, Ill.	100	WIBA	Madison, Wisc.	1000	WTEL	Philadelphia, Pa.	100
WBOV	Harrisburg, Ill.	100	WORC	Worcester, Mass.	500	WTJS	Jackson, Tenn.	100
WEDC	Chicago, Ill.	100	WRR	Dallas, Tex.	500	WTRC	Elkhart, Ind.	100
WFAS	White Plains, N. Y.	100	WTNJ	Trenton, N. J.	500	<b>1320 kc.</b>		
WGBB	Freeport, N. Y.	100	<b>1290 kc.</b>			KGHF	Pueblo, Colo.	500
WGCM	Miss. City, Miss.	100	KDYL	Salt Lake City, Utah	1000	KGMB	Honolulu, Hawaii	1000
WGNV	Chester Twp., N. Y.	100	KLCN	Blytheville, Ark.	100	KID	Idaho Falls, Idaho	250
WHBF	Rock Island, Ill.	100	KTRH	Houston, Texas	1000	KRMD	Shreveport, La.	100
WHBU	Anderson, Ind.	100	WEBC	Superior, Wisc.	1000	KRNT	Des Moines, Iowa	500
WIBU	Poynette, Wisc.	100	WJAS	Pittsburgh, Pa.	1000	WADC	Tallmadge, Ohio	1000
WJBY	Gadsden, Ala.	100	WNBZ	Saranac Lake, N. Y.	100	WORK	York, Pa.	1000
WJEJ	Hagerstown, Md.	100	WNEL	San Juan, P. Rico	1000	WSMB	New Orleans, La.	500
WJIM	Lansing, Mich.	100	<b>1300 kc.</b>			<b>1330 kc.</b>		
WJW	Akron, Ohio	100	KALE	Portland, Ore.	500	KGB	San Diego, Calif.	1000
WKOK	Sunbury, Pa.	100	KFAC	Los Angeles, Calif.	1000	KMO	Tacoma, Wash.	250
WMBG	Richmond, Va.	100	KFH	Wichita, Kans.	1000	KSCJ	Sioux City, Iowa	1000
WMFG	Hibbing, Minn.	100	WBRR	Brooklyn, N. Y.	1000	WDRG	Hartford, Conn.	1000
WMFN	Clarksdale, Miss.	100	WEVD	New York City	1000	WSAI	Cincinnati, Ohio	1000
WOCL	Jamestown, N. Y.	50	WFAB	New York City	1000	WTAQ	Eau Claire, Wisc.	1000
WOMT	Manitowoc, Wisc.	100	WFBC	New York City	1000	<b>1340 kc.</b>		
WPAX	Thomasville, Ga.	250	WHAZ	Greenville, S. C.	1000	KGDY	Huron, S. D.	250
WSAY	Rochester, N. Y.	100	WIOD	Troy, N. Y.	500	KGIR	Butte, Montana	1000
WSBC	Chicago, Ill.	100	WMBF	Miami, Fla.	1000	KGNO	Dodge City, Kans.	250
WSIX	Springfield, Tenn.	100	<b>1310 kc.</b>			WCOA	Pensacola, Fla.	500
WSOC	Charlotte, N. C.	100	KALE	Portland, Ore.	500	WFEA	Manchester, N. H.	500
WTAX	Springfield, Ill.	100	KFAC	Los Angeles, Calif.	1000	WSPD	Toledo, Ohio	1000
KFKU	Lawrence, Kans.	1000	KFH	Wichita, Kans.	1000			
KTW	Seattle, Wash.	1000	WBRR	Brooklyn, N. Y.	1000			
KWSC	Pullman, Wash.	1000	WEVD	New York City	1000			
WCAD	Canton, N. Y.	500	WFAB	New York City	1000			
WCAE	Pittsburgh, Pa.	1000	WFBC	New York City	1000			
WDAE	Tampa, Fla.	1000	WHAZ	Greenville, S. C.	1000			
WREN	Lawrence, Kans.	1000	WIOD	Troy, N. Y.	500			
			WMBF	Miami, Fla.	1000			

## KILOCYCLE INDEX (CONTINUED)

Call Letters	Studio Location	Power in Watts	Call Letters	Studio Location	Power in Watts	Call Letters	Studio Location	Power in Watts
<b>1350 kc.</b>			<b>1400 kc.</b>			<b>1440 kc.</b>		
KIDO	Boise, Idaho	1000	KHBC	Hilo, Hawaii	250	KDFN	Casper, Wyo.	500
KWK	St. Louis, Mo.	1000	KLO	Ogden, Utah	500	KLS	Oakland, Calif.	250
WAWZ	Zarephath, N. J.	500	KTUL	Tulsa, Okla.	500	KXYZ	Houston, Texas	1000
WBNX	New York City	250	WARD	Brooklyn, N. Y.	500	WBIG	Greensboro, N. C.	500
<b>1360 kc.</b>			<b>1410 kc.</b>			<b>1450 kc.</b>		
KCRC	Enid, Okla.	250	CHNC	New Carlisle, Que.	500	CFCT	Victoria, B. C.	50
KGER	Long Beach, Calif.	1000	CKFC	Vancouver, B. C.	50	CHGS	Summerside, P. E. I.	50
WCSC	Charleston, S. C.	500	CKMO	Vancouver, B. C.	100	KIEM	Eureka, Calif.	500
WFBL	Syracuse, N. Y.	1000	KGNC	Amarillo, Texas	1000	KTBS	Shreveport, La.	1000
WGES	Chicago, Ill.	500	WVAB	Boston, Mass.	500	WGAR	Lancaster, Ohio	500
WQBC	Vicksburg, Miss.	1000	WBCM	Bay City, Mich.	500	WHOM	Jersey City, N. J.	250
WSBT	South Bend, Ind.	500	WHBL	Sheboygan, Wisc.	500	WSAR	Fall River, Mass.	1000
<b>1370 kc.</b>			<b>1420 kc.</b>			<b>1460 kc.</b>		
CKCW	Moncton, N. B.	100	CKGB	Timmins, Ont.	100	KSTP	St. Paul, Minn.	10000
KAST	Astoria, Ore.	100	CKNC	Toronto, Ont.	100	WJSV	Alexandria, Va.	10000
KELD	Eldorado, Ark.	100	KABC	San Antonio, Tex.	100	<b>1470 kc.</b>		
KERN	Bakersfield, Calif.	100	KABR	Aberdeen, S. D.	100	KGA	Spokane, Wash.	5000
KFGQ	Boone, Iowa	100	KALB	Alexandria, La.	100	WLAC	Nashville, Tenn.	5000
KFJZ	Fort Worth, Texas	100	KBPS	Portland, Ore.	100	<b>1480 kc.</b>		
KFRO	Longview, Texas	100	KCMC	Texarkana, Ark.	100	KOMA	Oklahoma City, Okla.	5000
KGAR	Tucson, Ariz.	100	KEUB	Price, Utah	100	WKBW	Buffalo, N. Y.	5000
KGFG	Oklahoma City, Okla.	100	KFIZ	Fond du Lac, Wisc.	100	<b>1490 kc.</b>		
KGFL	Roswell, N. Mexico	100	KGFF	Shawnee, Okla.	100	KFBK	Sacramento, Calif.	5000
KGKL	San Angelo, Texas	100	KGCC	San Francisco, Calif.	100	WCKY	Covington, Ky.	5000
KGCA	Clovis, N. Mex.	100	KGIW	Alamosa, Colo.	100	<b>1500 kc.</b>		
KIUP	Durango, Colo.	100	KIDW	Lamar, Colo.	100	KBIX	Santa Barbara, Calif.	100
KLUF	Galveston, Texas	100	KIUN	Pecos, Texas	100	KDB	Muskogee, Okla.	100
KMAC	San Antonio, Texas	100	KNET	Palestine, Texas	100	KGFI	Corpus Christi, Tex.	100
KONO	San Antonio, Texas	100	KORE	Eugene, Ore.	100	KGFK	Moorhead, Minn.	100
KRE	Berkeley, Calif.	100	KRLC	Lewiston, Idaho	100	KGKB	Tyler, Texas	100
KRKO	Everett, Wash.	50	KRLH	Midland, Texas	100	KGKY	Scottsbluff, Nebr.	100
KSLM	Salem, Ore.	100	KUMA	Yuma, Ariz.	100	KNEL	Brady, Texas	100
KUJ	Walla Walla, Wash.	100	KWBG	Hutchinson, Kans.	100	KNOW	Austin, Texas	100
KVL	Seattle, Wash.	100	KXL	Portland, Ore.	100	KOTN	Pine Bluff, Ark.	100
KWKC	Kansas City, Mo.	100	WACO	Waco, Texas	100	KPLC	Lake Charles, La.	100
KWYO	Sheridan, Wyo.	100	WAGM	Presque Isle, Maine	100	KPO	Wenatchee, Wash.	100
WABY	Albany, N. Y.	100	WAZL	Hazleton, Pa.	100	KRNR	Roseburg, Ore.	100
WAGF	Dothan, Ala.	250	WCBS	Springfield, Ill.	100	KVOE	Santa Ana, Calif.	100
WATL	Atlanta, Ga.	100	WCHV	Charlottesville, Va.	100	KXO	El Centro, Calif.	100
WBNY	Buffalo, N. Y.	100	WEED	Nr. Rocky Mt., N. C.	100	WCNWX	Brooklyn, N. Y.	100
WBTM	Danville, Va.	100	WEHS	Cicero, Ill.	100	WDNC	Durham, N. C.	100
WCBM	Baltimore, Md.	100	WELL	Battle Creek, Mich.	100	WGAL	Lancaster, Pa.	100
WDAS	Philadelphia, Pa.	100	WGPC	Albany, Ga.	100	WHBB	Selma, Ala.	100
WEOA	Evansville, Ind.	100	WHDL	Olean, N. Y.	100	WHEF	Kosciusko, Miss.	100
WGL	Ft. Wayne, Ind.	100	WHFC	Cicero, Ill.	100	WJKB	Detroit, Mich.	100
WHBO	Memphis, Tenn.	100	WILM	Wilmington, Del.	100	WKBB	East Dubuque, Ill.	100
WHDF	Calumet, Mich.	100	WJBO	Baton Rouge, La.	100	WKBV	Richmond, Ind.	100
WHLB	Virginia, Minn.	100	WJBR	Gastonia, N. C.	100	WKBZ	Muskegon, Mich.	100
WIBM	Jackson, Mich.	100	WJMS	Ironwood, Mich.	100	WKEU	Griffin, Ga.	100
WLLH	Lowell, Mass.	100	WKBI	Cicero, Ill.	100	WMBQ	Brooklyn, N. Y.	100
WMBR	Jacksonville, Fla.	100	WLAP	Lexington, Ky.	100	WMEX	Boston, Mass.	100
WMFD	Wilmington, N. C.	100	WLBF	Kansas City, Kans.	100	WMNB	Binghamton, N. Y.	100
WMFO	Decatur, Ala.	100	WLEU	Erie, Pa.	100	WOP1	Bristol, Tenn.	100
WMIN	St. Paul, Minn.	100	WMAS	Springfield, Mass.	100	WRDW	Augusta, Ga.	100
WOC	Davenport, Iowa	100	WMBC	Detroit, Mich.	100	WRGA	Rome, Ga.	100
WPAY	Portsmouth, Ohio	100	WMBH	Daytona Beach, Fla.	100	WSYB	Rutland, Vt.	100
WPFB	Hattiesburg, Miss.	100	WMFJ	Sheffield, Ala.	100	WTMV	E. St. Louis, Ill.	100
WQDM	St. Albans, Vt.	100	WPAD	Paducah, Ky.	100	WWRL	Woodside, N. Y.	100
WRAK	Williamsport, Pa.	100	WPAR	Parkersburg, W. Va.	100	WWSW	Pittsburgh, Pa.	100
WRDO	Augusta, Maine	100	WPRP	Ponce, Puerto Rico	100	<b>1510 kc.</b>		
WRJN	Racine, Wisc.	100	<b>1430 kc.</b>			CFRC	Kingston, Ont.	100
WSVS	Buffalo, N. Y.	50	KECA	Los Angeles, Cal.	1000	CKCR	Waterloo, Ont.	100
<b>1380 kc.</b>			KGNF	North Platte, Nebr.	1000			
KOH	Reno, Nev.	500	KSO	Des Moines, Iowa	500			
KQV	Pittsburgh, Pa.	500	WBNS	Columbus, Ohio	500			
WALA	Mobile, Ala.	500	WHCC	Rochester, N. Y.	500			
WKBB	La Crosse, Wisc.	1000	WHP	Harrisburg, Pa.	500			
WNBC	New Britain, Conn.	250	WNBR	Memphis, Tenn.	500			
WSMK	Dayton, Ohio	200	WOKO	Albany, N. Y.	500			
<b>1390 kc.</b>								
CJRC	Winnipeg, Man.	100						
KLRA	Little Rock, Ark.	1000						
KOOS	Marshfield, Ore.	250						
KOY	Phoenix, Ariz.	500						
WHK	Cleveland, Ohio	1000						

# U. S. STATIONS by STATES AND CITIES

## ALABAMA

Birmingham, WAPI\*,  
WBRC†, WSGN  
Decatur, WMFO  
Dothan, WAGF  
Gadsden, WJBY  
Mobile, WALA†  
Montgomery, WSFA†  
Sheffield, WMSD  
Selma, WHBB

## ALASKA

Anchorage, KFQD  
Juneau, KINY  
Ketchikan, KGBU

## ARIZONA

Jerome, KCRJ  
Lowell, KSUN  
Phoenix, KOY, KTAR\*  
Tucson, KGAR, KVOA  
Yuma, KUMA

## ARKANSAS

Blytheville, KLCN  
Eldorado, KELD  
Fayetteville, KUOA  
Fort Smith, KFPW  
Hot Springs, KTHS\*  
Jonesboro, KBTM  
Little Rock, KARK,  
KGHI, KLRAT  
Pine Bluff, KOTN  
Texarkana, KCMC

## CALIFORNIA

Bakersfield, KERN  
Berkeley, KRE  
Beverly Hills, KMPC  
Burbank, KELW  
Chico, KHSL  
Del Monte, KDON  
El Centro, KXO  
Eureka, KIEM  
Fresno, KMJ  
Glendale, KIEV  
Hollywood, KPWB  
Long Beach, KFOX,  
KGER  
Los Angeles, KECA\*,  
KEHE, KPAC, KFI\*,  
KFSG, KFVD, KGFJ,  
KHJ†, KMTR, KNX,  
KRKD  
Modesto, KTRB  
Oakland, KLS, K LX,  
KROW  
Pasadena, KPPC  
Sacramento, KFBK†  
San Bernardino, KFXM  
San Diego, KFSD\*,  
KGB†  
San Francisco, KFRC†,  
KGGC, KGO\*, KJBS,  
KPO\*, KSPQ, KYA\*  
San Jose, KQW  
Santa Ana, KVOE  
Santa Barbara, KDB  
Stockton, KGD M, KWG

## COLORADO

Alamosa, KGIW  
Colorado Springs, KVOR†  
Denver, KFEL, KLZ†,  
KOA\*, KPof, KVOD  
Durango, KIUP  
Grand Junction, KFXJ  
Greeley, KFKA  
Lamar, KIDW  
Pueblo, KGHF  
Sterling, KGEK

## CONNECTICUT

Bridgeport, WICC†  
Hartford, WDRCT,  
WHT, WTIC\*  
New Britain, WNBC  
New Haven, WELI  
Storrs, WCAC  
Waterbury, WATR

## DELAWARE

Wilmington, WDEL,  
WILM

## DISTRICT OF COLUMBIA

Washington, WMAL\*,  
WOL, WRC\*

## FLORIDA

Clearwater, WFLA\*,  
WSUN\*  
Daytona Beach, WMFJ  
Gainesville, WRUF  
Jacksonville, WJAX\*,  
WMBR†  
Lakeland, WLAK  
Miami, WIOD\*, WMBF,  
WQAM†  
Orlando, WDBO†  
Pensacola, WCOA†  
Tallahassee, WTAL  
Tampa, WDAE†  
West Palm Beach,  
WJNO

## GEORGIA

Albany, WGPC  
Athens, WTFI  
Atlanta, WATL, WGST†,  
WSB\*  
Augusta, WRDW  
Columbus, WRBL  
Griffin, WKEU  
Macon, WMAZ  
Rome, WRGA  
Savannah, WTOCT  
Thomasville, WPAX

## HAWAIIAN ISLANDS

Hilo, KHBC  
Honolulu, KGMB, KGU\*

## IDAHO

Boise, KIDO  
Idaho Falls, KID  
Lewiston, KRLC  
Nampa, KF XD  
Pocatello, KSEI  
Twin Falls, KTFI

## ILLINOIS

Bloomington, WJBC  
Carthage, WCZA  
Chicago, WAAF,  
WBBM†, WCFL\*,  
WCRW, WEDC,  
WENR\*, WGES,  
WGN, WJJD, WLS\*,  
WMAQ\*, WMBI,  
WSBC  
Cicero, WEHS, WHFC,  
WKBI  
Decatur, WJBL  
East Dubuque, WKBB  
East St. Louis, WTMV  
Harrisburg, WEBQ  
Joliet, WCLS  
Peoria, WMBD†  
Quincy, WTDJ  
Rockford, WRQK  
Rock Island, WHBF  
Springfield, WCBS,  
WTAX  
Tuscola, WDZ  
Urbana, WILL  
Waukegan, WCBD

## INDIANA

Anderson, WHBU  
Elkhart, WTRC  
Evansville, WEOA,  
WGFB  
Fort Wayne, WGL†,  
WOWO†  
Gary, WIND  
Hammond, WVAE  
Indianapolis, WFBM†,  
WIRE\*  
Muncie, WLBC  
Richmond, WKBV  
South Bend, WFAM,  
WSBT†  
Terre Haute, WBOW  
West Lafayette, WBAA

## IOWA

Ames, WOI  
Boone, KFGQ  
Cedar Rapids, WMT\*  
Council Bluffs, KOIL  
Davenport, WOC†  
Decorah, KGCA, KWLC  
Des Moines, KRNT†,  
KSO\*, WHO\*  
Iowa City, WSUI  
Marshalltown, KFJB  
Shenandoah, KFNF,  
KMA  
Sioux City, KSCJ†

## KANSAS

Abilene, KFBI  
Coffeyville, KGGF  
Dodge City, KGNO  
Garden City, KIUL  
Hutchinson, KWBG  
Kansas City, WLB F  
Lawrence, KFKU,  
WREN  
Manhattan, KSAC  
Topeka, WIBW†  
Wichita, KFHT

## KENTUCKY

Ashland, WCMI  
Covington, WCKY\*  
Lexington, WLAP  
Louisville, WAVE\*,  
WHAS†  
Paducah, WPAD

## LOUISIANA

Alexandria, KALB  
Baton Rouge, WJBO  
Lafayette, KVOL  
Lake Charles, KPCL  
Monroe, KMLB  
New Orleans, WBNO,  
WDSU, WJBW,  
WSMB\*, WWL†  
Shreveport, KRMD,  
KTBS\*, KWEA,  
KWKH†

## MAINE

Augusta, WRDO  
Bangor, WABI, WLBZ†  
Portland, WCBS\*  
Presque Isle, WAGM

## MARYLAND

Baltimore, WBAL\*,  
WCAO†, WCBM,  
WFBR\*  
Cumberland, WTBO  
Frederick, WFMD  
Hagerstown, WJEJ

## MASSACHUSETTS

Boston, WAAB†, WBZ\*,  
WBZA, WCOP,  
WEET\*, WHDH,  
WNACT\*, WMEX  
Fall River, WSAR  
Lowell, WLLH  
Needham, WORL  
New Bedford, WNBH  
Springfield, WMAS†,  
WSFR  
Worcester, WORC†,  
WTAG\*

## MICHIGAN

Battle Creek, WELL  
Bay City, WBCM  
Calumet, WHDF  
Detroit, WJBK, WJR†,  
WMBC, WWJ\*,  
WXYZ\*  
East Lansing, WKAR  
Flint, WFDF  
Grand Rapids, WASH,  
WOOD\*  
Ironwood, WJMS  
Jackson, WIBM  
Kalamazoo, WKZO  
Lansing, WJIM  
Lapeer, WMPC  
Marquette, WBEO  
Muskegon, WKBZ  
Royal Oak, WEXL

## MINNESOTA

Fergus Falls, KGDE  
Hibbing, WMFG  
Minneapolis, WCCO†,  
WDGY, WLB,  
WTCN  
Moorhead, KGFK  
Northfield, WCAL  
Rochester, KROC  
St Paul, KSTP\*, WMIN  
Virginia, WHLB

## MISSISSIPPI

Clarksdale, WMFN  
Hattiesburg, WPFB  
Jackson, WJDX\*  
Kosciusko, WHEF  
Laurel, WAML  
Meridian, WCOG  
Mississippi City,  
WGCM  
Vicksburg, WQBC

## MISSOURI

Cape Girardeau, KFVS  
Clayton, KFUO  
Columbia, KF RU  
Jefferson City, WOS  
Joplin, WMBH  
Kansas City, KMBC†,  
KWKC, WDAF\*, WHB  
St. Joseph, KFEQ  
St. Louis, KMox†, KSD\*  
KWK\*, WEW, WIL  
Springfield, KGBX,  
KWTO

## MONTANA

Billings, KGHI\*  
Butte, KGR\*  
Great Falls, KFBB  
Kalispell, KGEZ  
Missoula, KGVO  
Wolf Point, KG CX

\* NBC Affiliated Station

† CBS Affiliated Station

# U. S. STATIONS BY STATES AND CITIES (CONTINUED)

**NEBRASKA**  
Clay Center, KMMJ  
Kearney, KGFV  
Lincoln, KFAB†, KFOR  
Norfolk, WJAG  
North Platte, KGNF  
Omaha, WAAW, WOW\*  
Scottsbluff, KGKY  
York, KGBZ

**NEVADA**  
Reno, KOH†

**NEW HAMPSHIRE**  
Laconia, WLNH  
Manchester, WFEA†  
Portsmouth, WHEB

**NEW JERSEY**  
Asbury Park, WCAP  
Atlantic City, WPG†  
Camden, WCAM  
Jersey City, WAAT,  
WHOM  
Newark, WHBI,  
WNEW, WOR  
Red Bank, WBRB  
Trenton, WTNJ  
Zarephath, WAWZ

**NEW MEXICO**  
Albuquerque, KGGM,  
KOB  
Clovis, KICA  
Roswell, KGFL  
Santa Fe, KIUI

**NEW YORK**  
Albany, WABY, WOKO†  
Auburn, WMBO  
Binghamton, WNNB  
Brooklyn, WARD,  
WBBC, WBBR,  
WCNW, WEGE,  
WLTH, WMBQ,  
WVFW  
Buffalo, WBEN\*,  
WBNY, WEBR,  
WGR†, WKBW†,  
WSVS  
Canton, WCAD  
Chester Twp., WGNY  
Elmira, WESG†  
Freeport, WGBB  
Jamestown, WOCL  
New York, WABC†,  
WBOQ, WBNX,  
WEAF\*, WEVD,  
WFAB, WHN, WINS,  
WJZ\*, WLWL,  
WMCA, WNYC,  
WOV

Olean, WHDL  
Plattsburg, WMFF  
Rochester, WHAM\*,  
WHEC†, WSAV  
Saranac Lake, WNBZ  
Schenectady, WGY\*  
Syracuse, WFBL†,  
WSYR\*, WSYU  
Troy, WHAZ  
Utica, WIBX†  
White Plains, WFAS  
Woodside, WWRL

**NORTH CAROLINA**  
Asheville, WUNC\*  
Charlotte, WBT†, WSOC\*  
Durham, WDNC†  
Gastonia, WJBR  
Greensboro, WBIG†  
High Point, WMFR  
Raleigh, WPTF\*  
Nr. Rocky Mount,  
WEED  
Wilmington, WMRD  
Winston-Salem, WSJS†

**NORTH DAKOTA**  
Bismarck, KFYP\*  
Devils Lake, KDLR  
Fargo, WDAY\*  
Grand Forks, KFJM  
Mandan, KGPU  
Minot, KLPM

**OHIO**  
Akron, WJW  
Canton, WHBC  
Cincinnati, WCPO,  
WKRC†, WLW\*,  
WSAI\*  
Cleveland, WGAR\*,  
WHK†, WJAY,  
WTAM\*  
Columbus, WAIU,  
WBNS†, WCOL,  
WOSU  
Dayton, WHIO\*, WSMK†  
Portsmouth, WPAY  
Tallmadge, WADC†  
Toledo, WSPD†  
Youngstown, WKBN†  
Zanesville, WALR

**OKLAHOMA**  
Ada, KADA  
Ardmore, KVSQ  
Elk City, KASA  
Enid, KCRC  
Muskeogee, KBIX  
Norman, WNAJ  
Oklahoma City, KFXX,  
KGGF, KOMA†, WKY\*  
Ponca City, WBBZ  
Shawnee, KGFF  
Tulsa, KTUL†, KVOO

**OREGON**  
Astoria, KAST  
Corvallis, KOAC  
Eugene, KORE  
Klamath Falls, KFJI  
Marshfield, KOOS  
Medford, KMED  
Portland, KALE, KBPS,  
KEX\*, KFJR, KGW\*,  
KOIN†, KWJJ, KXL  
Roseburg, KRNR  
Salem, KSLM

**PENNSYLVANIA**  
Allentown, WCBA,  
WSAN  
Altoona, WFBG  
Erie, WLEU  
Glenside, WIBG  
Greensburg, WHJB  
Grove City, WSAJ  
Harrisburg, WHPT,  
WKBO  
Hazleton, WAZL  
Johnstown, WJAC  
Lancaster, WEST,  
WGAL  
Philadelphia, KYW\*,  
WCAU†, WDAS,  
WFIL\*, WHAT, WIP,  
WPEN, WRAX,  
WTEL  
Pittsburgh, KDKA\*,  
KQV, WCAE\*,  
WJAS†, WWSW  
WWSW

**PENNSYLVANIA (Cont'd)**  
Reading, WEEU,  
WRAW  
Scranton, WGBI,  
WQAN  
Sunbury, WKOK  
Wilkes-Barre, WBAX,  
WBRE  
Williamsport, WRAC  
York, WORK

**PUERTO RICO**  
Ponce, WPRP  
San Juan, WKAQ,  
WNEL

**RHODE ISLAND**  
Newport, WNRI  
Providence, WEAN†,  
WJAR\*, WPRO

**SOUTH CAROLINA**  
Anderson, WAIM  
Charleston, WCSC\*  
Columbia, WIS\*  
Greenville, WFBC\*  
Spartanburg, WSPA

**SOUTH DAKOTA**  
Aberdeen, KABR  
Brookings, KFDY  
Huron, KGDY  
Pierre, KGFX  
Rapid City, WCAT  
Sioux Falls, KSOO  
Vermillion, KUSD  
Watertown, KWTN  
Yankton, WNAX†

**TENNESSEE**  
Bristol, WOPI  
Chattanooga, WDOD†  
Jackson, WTJS  
Knoxville, WNOX†,  
WROL  
Memphis, WHBQ,  
WMC\*, WNNR,  
WREC†  
Nashville, WLAC†,  
WSM\*  
Springfield, WSIX

**TEXAS**  
Amarillo, KGNC  
Austin, KNOV  
Beaumont, KFDM  
Brown, KNEL  
College Station, WTAW  
Corpus Christi, KGFI  
Dallas, KRLD†, WFAA\*,  
WRR  
Dublin, KFPL  
El Paso, KTSM, WDAH  
Forth Worth, KFJZ,  
KTAT, WBAP\*  
Galveston, KLUF  
Greenville, KFPM  
Houston, KPRC\*,  
KTRH†, KXYZ  
Longview, KFRO  
Lubbock, KPYO  
Midland, KRLH  
Palestine, KNET  
Pampa, KPDN  
Pecos, KIUN  
Port Arthur, KPAC  
San Angelo, KGKL

**TEXAS (Continued)**  
San Antonio, KABC,  
KMCA, KONO,  
KTSAT, WOAI\*  
Tyler, KGKB  
Waco, WACO†  
Weslaco, KRGV  
Wichita Falls, KGKO†

**UTAH**  
Ogden, KLO\*  
Price, KEUB  
Salt Lake City, KDYL\*,  
KSL†

**VERMONT**  
Burlington, WCAX  
Rutland, WSYB  
St. Albans, WODM  
Springfield, WNBX  
Waterbury, WDEV

**VIRGINIA**  
Alexandria, WJSV  
Danville, WBTV  
Charlottesville, WCHV  
Harrisonburg, WWSA  
Lynchburg, WLVA  
Newport News, WGH  
Norfolk, WSTAR\*  
Petersburg, WPHR  
Richmond, WBBL,  
WMBG†, WRVA\*  
Roanoke, WDEJ†

**WASHINGTON**  
Aberdeen, KXRO  
Bellingham, KVOS  
Everett, KRKO  
Olympia, KGY  
Pullman, KWSC  
Seattle, KIRO, KJR\*,  
KOL†, KOMO\*,  
KRSC, KTW, KVL,  
KXA  
Spokane, KFIO, KFPY†,  
KGA\*, KHQ\*  
Tacoma, KMO, KVI†  
Walla Walla, KUJ  
Wenatchee, KPQ  
Yakima, KIT

**WEST VIRGINIA**  
Bluefield, WHIS  
Charleston, WCHS  
Fairmont, WMMN†  
Huntington, WSAZ  
Parkersburg, WPAP  
Wheeling, WWSA†

**WISCONSIN**  
Eau Claire, WTAQ  
Fond du Lac, KFIZ  
Green Bay, WHBY  
Janesville, WCLO  
LaCrosse, WKBH  
Madison, WHA, WIBA\*  
Manitowac, WOMT  
Milwaukee, WEMP,  
WISN†, WTMJ\*  
Poyntette, WIBU  
Racine, WRJN  
Sheboygan, WHBL  
Stevens Point, WLBL  
Superior, WEBC\*

**WYOMING**  
Casper, KDFN  
Sheridan, KWYO

\* NBC Affiliated Station

† CBS Affiliated Station



# **RADIO PROGRAM GUIDE**

## **STANDARD BROADCASTING STATIONS**

### **Monday**

TIME	STATION	DIAL SETTING	PROGRAM

### **Tuesday**


### **Wednesday**




# RADIO PROGRAM GUIDE

## STANDARD BROADCASTING STATIONS

### Thursday

TIME	STATION	DIAL SETTING	PROGRAM

### Friday


### Saturday

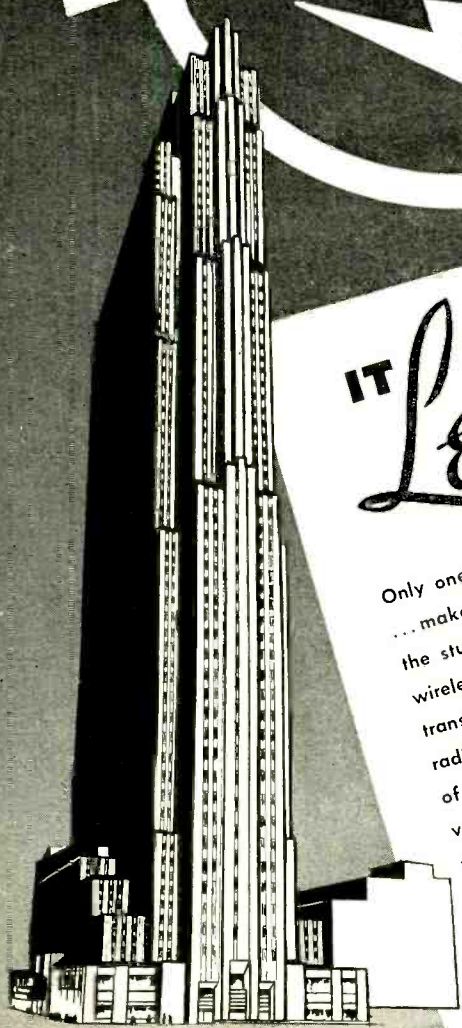



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Ever since we started in the radio business the customer's satisfaction has been our first consideration. That is why today more people than ever before are calling upon us to remedy their radio troubles. Won't you, too, keep us in mind when your radio is not acting properly? Perhaps it's a loose connection; or the aerial and ground; maybe a weak tube—we carry RCA Radio Tubes, you know. Whatever the trouble may be, we are at your service—and our prices will please you.

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