



10¢

*World Wide* *ff*  
**RADIO  
TOURS**

MAPS SHOWING RADIO  
STATIONS of UNITED STATES

★ CANADA & MEXICO ★  
★ *AND* ★

PRINCIPAL SHORT-WAVE STATIONS  
of the WORLD by LOCATION  
CALL LETTERS & KILOCYCLES



**Lunningham  
Radiotron**



# ONLY IN THIS SEALED CARTON CAN YOU BE SURE OF GETTING FACTORY-NEW RCA RADIO TUBES



. . . . AND THEY ARE  
MICRO - SENSITIVE, TOO



No longer need you run the risk of becoming a victim of used-tube racketeers—who repack and sell hundreds of thousands of used tubes in open-flap cartons. Insist on Micro-Sensitive RCA Radio Tubes in the factory-sealed cartons. Have your authorized RCA Radio Tube Agent test them in the carton without breaking the

seal. The carton must be destroyed when the tube is removed. Thus you can be sure you receive factory-new tubes guaranteed by RCA Radiotron Co., Inc., to give you these 5 big improvements :

**QUICKER START • UNIFORM PERFORMANCE • QUIETER OPERATION • UNIFORM VOLUME • EVERY TUBE IS MATCHED**

**NON-REFILLABLE CARTON . . . SEALED AT THE FACTORY FOR YOUR PROTECTION**

Arrows point to the staples, branded "RCA", which securely seal the carton. See that staples have not been tampered with . . . Note below how exposed prongs permit testing of tube while it is still sealed in the carton.

**CALL LETTER INDEX**

Principal Short Wave Stations of the World

Call Letter	Location on Map	Kilocycles	Power
CMCI	H 6	5060 F	
CNR	M 6	12830 C	
CPS	J 8	6080 E	
CTIAA	M 5	9600 E	
CTIAA	M 5	15340	
CTJAO	M 5	11180 H	
DJA	O 4	9560 D	
DJB	O 4	15200 D	
DJC	O 4	6020 D	
DJD	O 4	11760 D	
EAQ	M 5	9868 C	
FYA	M 5	11705 C	
FYA	M 5	11905 C	
FYA	M 5	15243 C	
F3CID	A 7	6116	
GSA	M 4	6050 C	
GSB	M 4	9510 C	
GSC	M 4	9585 C	
GSD	M 4	11750 C	
GSE	M 4	11885 C	
GSF	M 4	15140 C	
GSG	M 4	17790 C	
GSH	M 4	21470 C	
HBL	M 5	9595 C	
HBO	M 5	12030 C	
HBP	M 5	7797 C	
HCB	H 8	4110 H	
HIA	H 9	6272 H	
HIX	K 6	6000 H	
HKD	K 6	5937	
HKE	H 7	7220	
HKF	H 7	7556	
HVJ	N 6	9568 C	
HVJ	N 6	15120 C	
I2RO	O 6	11800 D	
OER2	P 5	6072 G	
OER3	P 5	11801 G	
OKY	M 3	6090 F	
OKY	M 3	9520 F	
PHI	M 3	11730 C	
PHI	M 3	17775 C	
PLE	A 8	18820	
PRADO	H 8	6620	
RNE	A 4	11990	
RV15	B 5	4273 C	
RV59	P 4	6000 C	
SAJ	O 3	6065	
TIANRH	H 7	9675 H	
VE9BJ	J 5	6090 H	
VE9CS	G 5	6059	
VE9DR	J 5	6005 E	
VE9GW	H 4	6095 F	
VE9HX	J 4	6110 H	
VE9JR	O 4	11715 E	
YK2ME	D 9	5990 C	
YK3ME	B 9	9510 D	
YQ7LO	P 7	6060 E	
YUC	O 6	6110 F	
W1XAL	K 5	6040 E	
W1XAL	K 5	11790 D	
W1XAZ	K 5	9570 C	
W2XAD	K 5	15330 B	
W2XAF	K 5	9530 B	
W2XE	H 6	6120 E	
W2XE	H 6	11830 D	
W2XE	H 6	15270 D	
W3XAL	J 6	6100 B	
W3XAL	J 6	17780 B	
W3XAU	J 6	6060 E	
W3XAU	J 6	9590 E	
W4XB	J 6	6040 E	
W8XAL	H 5	6060 C	
W8XK	G 5	6140 B	
W8XK	G 5	11870 B	
W8XK	G 5	15210 B	
W8XK	G 5	21540 B	
W9XAA	H 5	6080 F	
W9XAA	H 5	11830 F	
W9XAA	H 5	17780 F	
W9XF	H 5	6100 F	
XETE	G 6	9600 E	
YV1BC	K 7	6112 G	
YV1BC	K 7	11695 H	
YV3BC	K 7	6150 E	
YV3BC	K 7	9510 E	
YV1BMO	K 7	6128	
ZTJ	O 9	6122 D	

**KILOCYCLE INDEX**

Principal Short Wave Stations of the World

Call Letter	Location on Map	Kilocycles	Power
4110 kc.		9590 kc.	
HCB	H 8 H	VK2ME	G 5 C
4273 kc.		9595 kc.	
RV15	B 5 C	HBL	M 5 C
5937 kc.		9600 kc.	
HKD	K 6	CTIAA	M 6 E
HVJ	N 6 C	XETE	G 6 E
6000 kc.		9675 kc.	
HIX	K 6 H	9868 kc.	
RV59	P 4 C	EAQ	M 5 C
6005 kc.		11180 kc.	
VE9DR	J 5 E	CTJAO	M 5 H
6020 kc.		11695 kc.	
DJC	O 4 D	YV1BC	K 7 H
6040 kc.		11705 kc.	
W1XAL	K 5 E	FYA	M 5 C
W4XB	J 6 E	6050 kc.	
6050 kc.		11715 kc.	
GSA	M 4 C	VE9JR	G 4 E
6060 kc.		11730 kc.	
CMCI	H 6 F	PHI	M 3 C
HBL	M 5 C	W8XAL	H 5 E
W8XAL	H 5 E	W3XAU	J 6 E
YQ7LO	P 7 E	6065 kc.	
6065 kc.		11760 kc.	
SAJ	O 3	DJD	O 4 D
6069 kc.		11790 kc.	
VE9CS	G 5	W1XAL	K 5 D
6072 kc.		11800 kc.	
OER2	P 5 G	12100 kc.	
OER3	P 5 G	11801 kc.	
CPS	J 8 E	W2XE	H 6 D
W3XAU	J 6 E	W9XAA	H 5 F
OER5	P 5 G	6090 kc.	
6090 kc.		11830 kc.	
OKY	M 3 F	W2XE	H 6 D
VE9BJ	J 5 H	W9XAA	H 5 F
6095 kc.		11865 kc.	
VE9GW	H 4 G	GSE	M 4 C
6100 kc.		11870 kc.	
W9XF	H 5 F	W8XK	G 5 B
W3XAL	J 6 B	11905 kc.	
6110 kc.		11905 kc.	
YUC	O 6 F	FYA	M 5 C
VE9HX	J 4 H	11990 kc.	
6112 kc.		11990 kc.	
RNE	P 4	12030 kc.	
YV1BC	K 7 G	12030 kc.	
6116 kc.		12830 kc.	
F3CID	A 7	12830 kc.	
6120 kc.		15120 kc.	
W2XE	H 6 E	15120 kc.	
6122 kc.		15140 kc.	
ZTJ	O 9 D	15140 kc.	
6128 kc.		15210 kc.	
GSF	M 4 C	15210 kc.	
YV1BMO	K 7	15200 kc.	
6140 kc.		DJB	O 4 D
W8XK	G 5 B	15210 kc.	
6150 kc.		W8XK	G 5 B
YV3BC	K 7 E	15243 kc.	
6272 kc.		FYA	M 5 C
HIA	H 9 H	15270 kc.	
6620 kc.		W2XE	H 6 D
PRADO	H 8	15300 kc.	
7220 kc.		CPS	J 8
HKE	H 7	15330 kc.	
7556 kc.		W2XAD	K 5 B
HKF	H 7	15340 kc.	
7797 kc.		CTIAA	M 5
HBP	M 5 C	17775 kc.	
9510 kc.		PHI	M 3 C
GSB	M 4 C	17780 kc.	
VK3ME	B 9 D	W3XAL	J 6 B
YV3BC	K 7 E	W9XAA	H 5 F
9520 kc.		17790 kc.	
OKY	M 3 F	GSE	M 4 C
9530 kc.		18820 kc.	
W2XAF	K 5 B	PLE	A 8
9560 kc.		21470 kc.	
DJA	O 4 D	GSH	M 4 C
9570 kc.		21540 kc.	
W1XAZ	K 5 C	W8XK	G 5 B
9585 kc.		GSC	M 4 C

**SHORT-WAVE WORLD-WIDE RADIO TOURS**



**SHORT WAVE TRAVEL TIPS**

In listening for foreign short-wave stations, remember to take into account the differences in local standard times. Stations are most likely to be on the air during the evening hours (6 to 11 P.M.), their local standard time.

This listing of short-wave stations does not include Police radio stations in the United States, commercial short-wave stations, or amateurs. Many stations not listed on this map will be heard carrying on point-to-point communication or experiments. The stations listed are those which are most likely to be furnishing enjoyable radio entertainment.

For the beginner in short-waves, a number of "Tips" are offered here:

- Don't get discouraged if reception is poor one night; it may be fine the next.
- Don't tune above 33 meters for distant stations in daylight.
- Don't tune below 25 meters for distant stations after dark.
- Don't expect to find stations on all parts of the dial. Short wave stations are widely separated except in a few instances.
- Don't skim over the dials. Tune very slowly, listening for weak signals.

**TIME COMPARISON CHART**

	STANDARD TIME (U.S.)				STANDARD TIME (U.S.)				STANDARD TIME (U.S.)			
	Eastern	Central	Mountain	Pacific	Eastern	Central	Mountain	Pacific	Eastern	Central	Mountain	Pacific
Bandoeng	12.20	13.20	14.20	15.20								
Barranquilla	0	1	2	3								
Berlin	6	7	8	9								
Bogota	0	1	2	3								
Bombay	10.30	11.30	12.30	13.30								
Bound Brook	0	1	2	3								
Bowmanville	0	1	2	3								
Caracas	0.32	1.32	2.32	3.32								
Chapultepec	1	0	1	2								
Chicago	1	0	1	2								
Cincinnati	1	0	1	2								
Davenport	5	6	7	8								
Funchal	4	5	6	7								
Geneva	6	7	8	9								
Halifax	1	2	3	4								
Huizen	5.20	6.20	7.20	8.20								
Johannesburg	7	8	9	10								
Khabarovsk	13.47	14.47	15.47	16.47								
La Paz	1.00	2.00	3.00	4.00								
Lisbon	5	6	7	8								
Madrid	5	6	7	8								
Melbourne	15	16	17	18								
Mexico City	1	0	1	2								
Miami	1	0	1	2								
Montreal	0	1	2	3								
Moscow	7	8	9	10								
Nairobi	7.30	8.30	9.30	10.30								
Nuevo Laredo	1	0	1	2								
Paris	4.51	5.51	6.51	7.51								
Philadelphia	0	1	2	3								
Pittsburgh	0	1	2	3								
Quito	0.14	0.46	1.46	2.46								
Rabat	5	6	7	8								
Riobamba	0.14	0.46	1.46	2.46								
Rome	6	7	8	9								
Saigon	12	13	14	15								
Schenectady	0	1	2	3								
Skamleback	6	7	8	9								
Springfield	0	1	2	3								
Sydney	15	16	17	18								
Vancouver	3	2	1	0								
Vatican City	6	7	8	9								
Wayne	0	1	2	3								
Winnipeg	1	0	1	2								

EXAMPLE: If location is in New York (Eastern Standard Time) 6 P.M. to find the corresponding time in Paris add 4.51 hours to 6 making 10.51 P.M. —Note: Add Black Figures, Dotset Red Figures.

**POWER CODE**

- A 50,000 watts or over
- B 25,000 to 50,000 watts
- C 10,000 to 25,000 watts
- D 5,000 to 10,000 watts
- E 1,000 to 5,000 watts
- F 500 to 1,000 watts
- G 250 to 500 watts
- H less than 250 watts

**WHERE TO LISTEN FOR RADIO PHONE STATIONS**

**REGULAR BROADCAST PROGRAMS** 540 to 1500 Kilocycles  
**SHORT WAVE BROADCAST PROGRAMS** 6000 to 6150, 9500 to 9600, 11700 to 11900, 15100 to 15350, 17750 to 17800, 21450 to 21550, 25600 to 26400 kilocycles  
**POLICE RADIO STATIONS** 1555 to 1712, 2412 to 2508 Kilocycles  
**AIR CRAFT RADIO** 2300 to 3500, 3900 to 4000, 14150 to 14250, 28000 to 28500, 56000 to 60000 Kilocycles  
**AMATEUR PHONE RADIO** 1800 to 2000, 3900 to 4000, 14150 to 14250, 28000 to 28500, 56000 to 60000 Kilocycles  
**Notes:**  
 Station frequencies are given in kilocycles. 1000 kilocycles equal 1 megacycle. To change from kilocycles to megacycles, simply move decimal point three places to the left. Thus 6000 kilocycles equal 6 megacycles.  
 To change kilocycles to meters, divide 300,000 by the number of kilocycles. Thus 6000 kilocycles equal approximately 50 meters (300,000 divided by 6000)

# CALL LETTER INDEX

Broadcasting Stations of U. S.

Call Letter	Location	Power	Call Letter	Location	Power
KABC	Los Angeles	1000	WABC	New York	500
KATL	Atlanta	1000	WABC	New York	500
KATL	Atlanta	1000	WABC	New York	500
KATL	Atlanta	1000	WABC	New York	500
KATL	Atlanta	1000	WABC	New York	500
KATL	Atlanta	1000	WABC	New York	500
KATL	Atlanta	1000	WABC	New York	500
KATL	Atlanta	1000	WABC	New York	500
KATL	Atlanta	1000	WABC	New York	500
KATL	Atlanta	1000	WABC	New York	500

# KILOCYCLE INDEX

Broadcasting Stations

Call Letter	Location	Power	Call Letter	Location	Power
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500

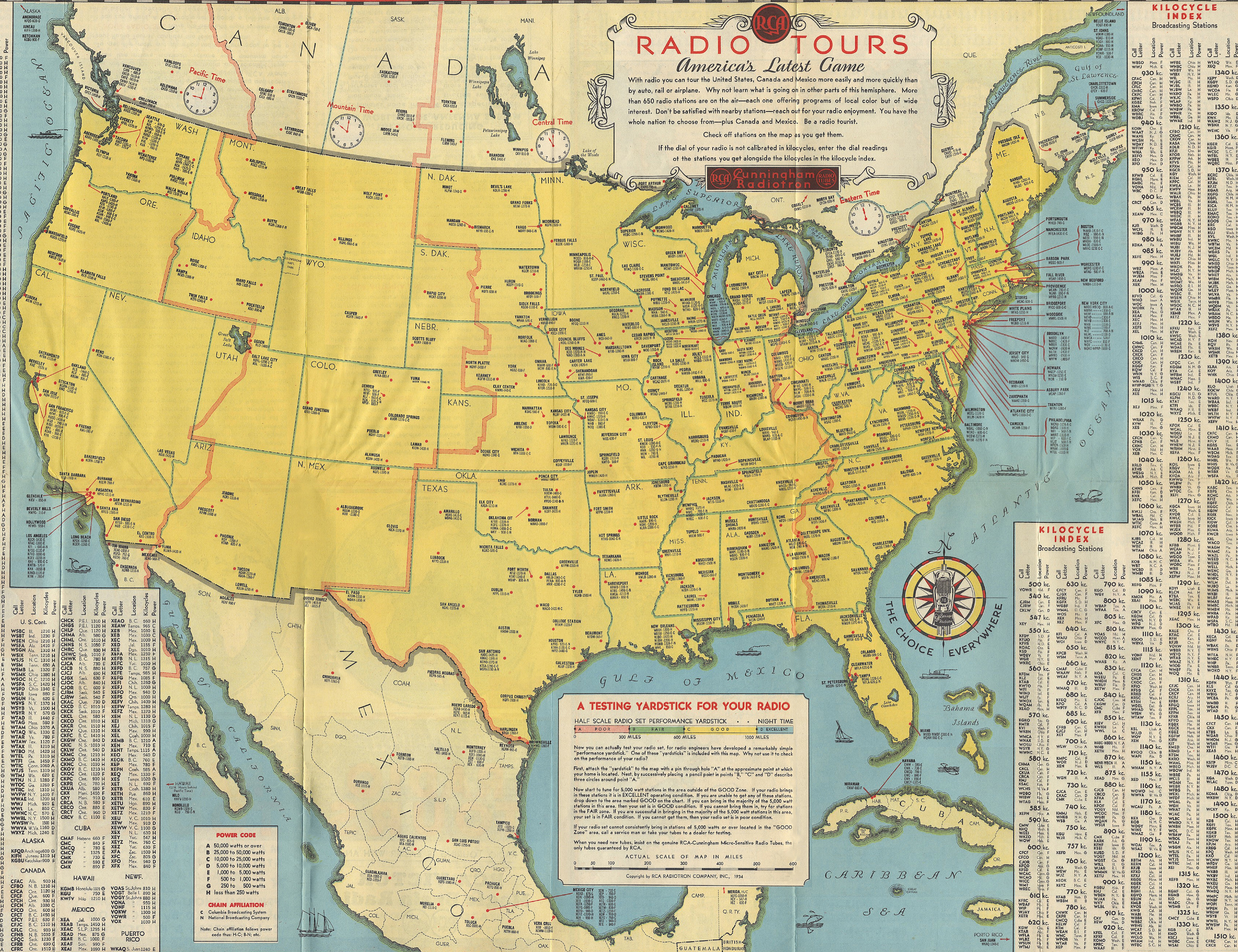
# RADIO TOURS

America's Latest Game

With radio you can tour the United States, Canada and Mexico more easily and more quickly than by auto, rail or airplane. Why not learn what is going on in other parts of this hemisphere. More than 650 radio stations are on the air—each one offering programs of local color but of wide interest. Don't be satisfied with nearby stations—reach out for your radio enjoyment. You have the whole nation to choose from—plus Canada and Mexico. Be a radio tourist.

Check off stations on the map as you get them.

If the dial of your radio is not calibrated in kilocycles, enter the dial readings of the stations you get alongside the kilocycles in the kilocycle index.



## A TESTING YARDSTICK FOR YOUR RADIO

HALF SCALE RADIO SET PERFORMANCE YARDSTICK . . . NIGHT TIME

A POOR B FAIR C GOOD D EXCELLENT

0 300 MILES 600 MILES 1000 MILES

Now you can actually test your radio set, for radio engineers have developed a remarkably simple "performance yardstick." One of these "yardsticks" is included with this map. Why not use it to check on the performance of your radio?

First, attach the "yardstick" to the map with a pin through hole "A" at the approximate point of which your home is located. Next, by successively placing a pencil point in the "C" and "D" describe three circles around point "A."

Now start to tune for 5,000 watt stations in the area outside of the GOOD zone. If your radio brings in these stations it is in EXCELLENT operating condition. If you are unable to get any of these stations, drop down to the area marked GOOD on the chart. If you can bring in the majority of the 5,000 watt stations in this area, then your set is in GOOD condition. If you cannot bring them in, try for stations in the FAIR zone. If you are successful in bringing in the majority of the 5,000 watt stations in this area, your set is in FAIR condition. If you cannot get them, then your radio set is in poor condition.

If your radio set cannot consistently bring in stations of 5,000 watts or over located in the "GOOD" zone, call a service man or take your tubes to a dealer for testing.

When you use new tubes, insist on the genuine RCA-Cunningham Micro-Sensitive Radio Tubes, the only tubes guaranteed by RCA.

Copyright by RCA RADIOTRON COMPANY, INC., 1934

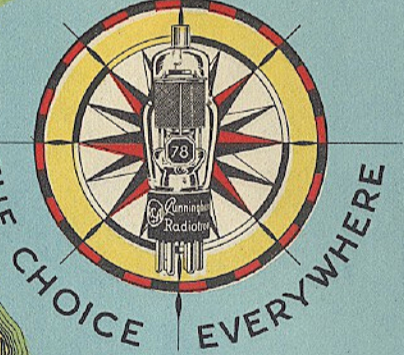
### POWER CODE

- A 5000 watts or over
- B 25,000 to 50,000 watts
- C 10,000 to 25,000 watts
- D 5,000 to 10,000 watts
- E 1,000 to 5,000 watts
- F 500 to 1,000 watts
- G 250 to 500 watts
- H less than 250 watts

### CHAIN AFFILIATION

- C Columbia Broadcasting System
- N National Broadcasting Company

Note: Chain affiliation follows power code that H, C, B, E.

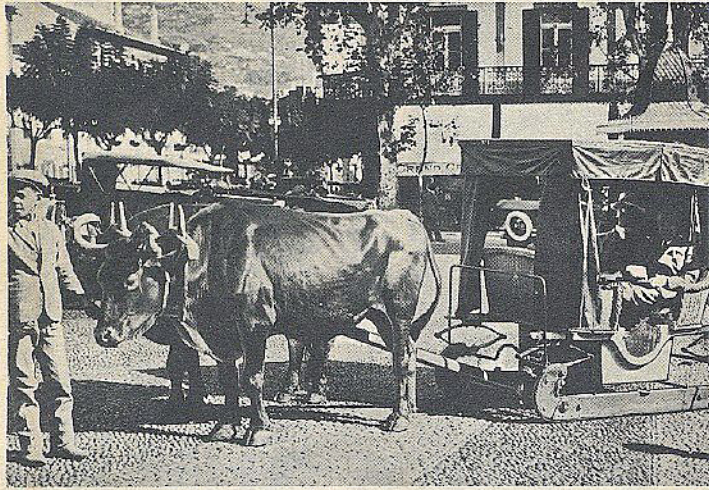


### KILOCYCLE INDEX

Broadcasting Stations

Call Letter	Location	Power	Call Letter	Location	Power
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500
WABC	New York	500	WABC	New York	500

# TIPS ON RADIO TOURING



★ Quaint Funchal, Madeira, is a port of call for many Radio Tourists. (Keystone) ★

If you are a Radio Tourist you can travel the radio waves in an instant to all parts of the globe. . . One night's itinerary, for instance, may begin with a quarter hour of lively music by a famous English orchestra. Usually the English program will conclude with the time signals from famous Big Ben in London. You can set your watch by it if you keep in mind that when it is midnight in London it is only seven o'clock in New York. Then for the dinner hour, there are half a dozen noted orchestras, from Broadway to Hollywood, ready to supply a background of soothing strains.

Following dinner, you might summon Lowell Thomas or John B. Kennedy for a digest of the news and an expert's interpretation of it. For the rest of the evening, you may listen to some of the world's great entertainers, comedians or speakers, or you might choose some of those who are yet to become great. Instead of Paul Whiteman's orchestra, you may choose a hill-billy "shindig" from Virginia's mountains. Instead of Eddie Cantor, perhaps you'd like the "Mayor of Bayou Pom Pom" to come from Louisiana. Or is this the night for your regular weekly French lesson?

**WHAT WILL IT BE TONIGHT?** Will you be satisfied with whatever happens to be on the air from a local station when you turn on your radio, or will you choose just the types of programs that suit your mood?



If you are a Radio Tourist, you will travel from big city to small town, from Maine to California, to get just what you want when you want it. If you are a Short-Wave Radio Tourist, national boundaries will mean no more to you than state boundaries.

**RADIO TOURISTS** are those discriminating radio listeners who get the most

out of their radios. They have learned that the cost of radio touring with the finest equipment is so small that it is penny-wise and pound-foolish economy to have any radio equipment but the best and most modern they can afford. Whatever type of radio sets they have, they make sure that the set is properly installed and that worn radio tubes are promptly replaced by the new improved Micro-Sensitive RCA Radio Tubes.

For Radio Tourists who "see America first" there is a variety that is seldom suspected until one learns to reach out for his radio enjoyment. Besides the marvelous programs of the chain broadcasting systems there are equally good programs from non-chain stations—programs that cannot be used on the chains simply because there is not room for all the good programs on the chains.

For World-Wide Radio Tourists, those who have short-wave or all-wave sets, there is the thrill of traveling to strange faraway lands, of listening to musical programs in foreign tongues (the announcements of most important short-wave stations are made in English as well as the native language).

The Short-Wave Radio Tourist gets his Russian propoganda direct from Moscow. He knows the voice of Hitler as he expounds his theories. From the stations at Daventry, England, he hears the programs by which the government hopes to strengthen the bonds that unite the Empire.

There is romance in even the names of the towns visited by the Short-Wave Radio Tourist. Besides all the large capitals of Europe there are Huizen, Holland; Funchal, Madeira; Rabat, Morocco. In Central and South America there are La Pas, Barranquilla, Caracas, Quito, and Riobamba. In the Far East there are Saigon, French Indo China; Bandoeng, Java; and Sydney and Melbourne in Australia.

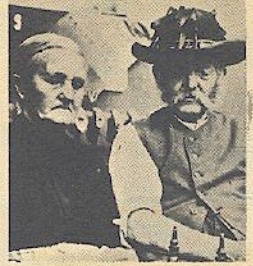
**GREAT PROGRESS** has been made in the last year or two in short-wave receiver set design. Today's sets rival the regular broadcast band receivers in performance. It must be remembered, however, that the short-wave signals travel thousands rather than hundreds of miles. They are affected less by natural static than are the regular broadcast signals, but are affected much more by man-made "static" which may be caused by many of the common household electric appliances or by automobiles or street cars.

Any radio set deserves a good antenna system. For short-wave reception especially, a scientific antenna system can add much to the reliability and clarity with which your short-wave receiver brings you the fascinating programs of foreign stations. RCA engineers, long experienced in designing antenna equipment for apartment buildings and short-wave transmitting and receiving stations, have perfected the noise-reducing RCA World-Wide Antenna Kit. Its efficient antenna and scientific transmission line assure maximum volume with minimum noise.

To get the most out of what radio offers you, to be a joyous Radio Tourist, consider the following points:

**1. YOUR RADIO SET.** Have the best and most modern radio set you can afford. A small radio set is good; a full-size radio set is better, especially as regards tone quality. Modern radio sets have dials marked to correspond with the kilocycles of the broadcasting stations to make tuning easy. Sensitivity

(distance) and selectivity (sharp-tuning) are greater. Most of them have tone controls. Many sets receive short-wave programs, including amateur radiophone, police, and airplane signals, as well as the regular broadcast programs.



**2. YOUR RADIO TUBES.** A good radio set, properly installed and serviced, can be no better than its tubes. Some of your radio tubes might be completely worn out, even though they light up as brightly as ever. The result is poor tone quality and generally inferior performance until the other tubes also become so weak that the set stops playing altogether. The best plan is to have your radio tubes tested once every six to twelve months. When you replace the old tubes with new Micro-Sensitive RCA Radio Tubes, you'll notice the difference, because these famous radio tubes now have five important improvements that mean quicker start, quieter operation, uniform volume, uniform performance, and that every tube is a "matched" tube.

**3. YOUR ANTENNA AND GROUND.** Don't handicap any radio set, especially a short-wave set, with a make-shift antenna system. Your radio can reproduce only what it receives. If your antenna system picks up interference, even the best of sets and tubes will produce crackles, hums, and hisses. For a few dollars you can have a scientific noise-reducing RCA Antenna System. Then you have given your radio a chance to do its best.

**4. BROADCAST STATION INFORMATION.** For greatest satisfaction, select your radio programs in advance as you would your other forms of entertainment. Consult the radio pages of your newspapers. Subscribe to one of the weekly magazines which give complete listings of available programs. Keep a written record by days and hours of all your favorite programs. Then plan each evening's entertainment to suit your mood. Always, somewhere, there is the program you want. Let these Radio Tours Maps direct you to the stations that have it.

## THE NOISE-REDUCING RCA WORLD-WIDE ANTENNA SYSTEM

1. Eliminates noise from man-made "static."
2. Increases signal pick-up, thus bringing in stations usually too weak to be heard.
3. On converter type of short-wave receivers, reduces interference from near-by code, airport, or amateur stations.
4. Has a specially-constructed switch to improve standard broadcast reception.
5. May be installed on any set, usually in a few hours.
6. Has an inconspicuous transmission line rather than an unsightly transposition block lead-in.
7. Low in cost.

ASK US ABOUT IT!



*World Wide*  
**RADIO  
TOURS**

RADIO TOURING IS EASIER WITH AN

**RCA VICTOR  
Magic Brain Radio**



**Lunningham  
Radiotron**

