

RADIO-TV EXPERIMENTER

APRIL - MAY 75c

**WHITE'S
RADIO
LOG**



AM-FM STATIONS
TV STATIONS
SHORT-WAVE LISTINGS

VHF MONITOR RECEIVER ROUNDUP

30-50 and 150-174 mc. bands!

DX 14 COUNTRIES ON A TABLE RADIO!

PROJECTS FOR TIGERS:

T-BIRD TURN INDICATOR!

MIKE IMPEDANCE
MATCH-MAKER!

INTEGRATED-CIRCUIT
PREAMP!

TEST REPORTS:

Harman-Kardon SC-440
Compact Music System

Heathkit Model HD-10
Automatic CW Keyer

Norelco Model DX-11
Reverberation Mike

COMPLETE PLANS:

6-meter solid-state 1/4-watt transmitter

BUILD YOUR OWN WALKIE-TALKIE!



Be creative—and thrifty too!

Save up to 50% with EICO Kits and Wired.

EICO supports your sense of achievement with no-compromise engineering, finest parts, dramatic esthetics, simple step-by-step instructions and large pictorial diagrams. You need no technical background—just pliers, screw-driver, soldering iron. Three million

people, ages 8 to 89, have built EICO kits. If you love to create, EICO is for you. And if you want the best buys in ready-to-use factory-assembled equipment, again EICO is for you. Judge critically for yourself. Send for your free catalog. See EICO at your local dealer.

EICO
KITS & WIRED

TEST EQUIPMENT



Model 232 Peak-to-Peak VTVM. A must for color or B&W TV and industrial use. 7 non-skip ranges on all 4 functions. With Uni-Probe. \$29.95 kit, \$49.95 wired.



Model 460 Wideband Direct-Coupled 5" Oscilloscope. DC-4.5mc for color and B&W TV service and lab use. Push-pull DC vertical amp. bal. or unbal. input. Automatic sync limiter and amp. \$89.95 kit, \$129.50 wired.



Model 324 RF Signal Generator. 150kc to 435mc range. For IF-RF alignment and signal tracing of TV, FM, AM, CB and mobile. Built-in and ext. modulation. \$28.95 kit, \$38.95 wired.

CITIZENS BAND/ HAM RADIO



New Model 779 Sentinel 23 CB Transceiver. 23-channel frequency synthesizer provides crystal-controlled transmit and receive on all 23 channels. No additional crystals to buy ever! Features include dual conversion, illuminated S RF meter, adjustable squelch and noise limiter, TVI filter, 117VAC and 12VDC transistorized dual power supply. Also serves as 3.5 watt P.A. system. \$169.95 wired.



New Model 712 Sentinel 12 Dual Conversion 5-watt CB Transceiver. Permits 12-channel crystal-controlled transmit and receive, plus 23-channel tunable receive. Incorporates adjustable squelch & noise limiter, & switches for 3.5 watt P.A. use, spotting, & Part 15 operation. Transistorized 12VDC & 117VAC dual power supply. \$99.95 wired only.



New Model 753 The one and only SSB AM CW Tri-Band Transceiver Kit. "The best ham transceiver buy for 1966"—Radio TV Experimenter Magazine. 200 watts PEP on 80, 40 and 20 meters. Receiver offset tuning, built-in VOX, high level dynamic ALC. Unequaled performance, features and appearance. Sensationally priced at \$179.95 kit, \$299.95 wired.

STEREO/HI-FI



New Model 3566 All Solid-State Automatic FM MPX Stereo Tuner/Amplifier. "Very satisfactory product, very attractive price"—Audio Magazine. No tubes, not even muvisters. Delivers 112 watts IHF total to 4 ohms, 75 watts to 8 ohms. Completely pre-wired and pre-aligned RF, IF and MPX circuitry, plus plug-in transistor sockets. \$219.95 kit (optional walnut cabinet \$14.95), \$325.00 wired including walnut cabinet. UL approved.



Model S170 70-Watt Integrated Stereo Amplifier. Best buy of highest ranked stereo amplifiers according to independent testing. \$59.95 kit, \$149.95 wired. S170 40-Watt Integrated Stereo Amplifier, \$79.95 kit, \$129.95 wired. S197 Matching FM MPX Stereo Tuner, \$89.95 kit; \$139.95 wired.

FREE 1966 CATALOG

EICO Electronic Instrument Co., Inc. RTV-2
131-01 39th Ave., Flushing, N.Y. 11352

Send me FREE catalog describing the full EICO line of 200 best buys, and name of nearest dealer. I'm interested in:

- test equipment ham radio
 stereo, hi-fi Citizens Band radio

Name _____

Address _____

City _____

State _____ Zip _____

1945-1965: TWENTY YEARS OF LEADERSHIP IN CREATIVE ELECTRONICS

KEEP PACE WITH SPACE AGE! SEE MANNED MOON SHOTS, SPACE FLIGHTS, CLOSE-UP!



AMAZING SCIENCE BUYS

for FUN, STUDY or PROFIT

FREE! FREE!
SEND FOR GIANT 148
PAGE CATALOG "HP"
SEE BELOW!

SOLVE PROBLEMS! TELL FORTUNES! PLAY GAMES!
NEW WORKING MODEL DIGITAL COMPUTER



**ACTUAL MINIATURE VERSION
OF GIANT ELECTRONIC BRAINS**

Fascinating new see-through model computer actually solves problems, teaches computer fundamentals. Adds, subtracts, multiplies, divides, compares, carries, memorizes, counts, compares, sequences. Attractively colored, rigid plastic parts easily assembled. 12" x 3 1/2" x 4 1/2". Incl. step-by-step assembly diagrams.

32-page instruction book covering operation, computer language (binary system), programming, problems and 15 experiments.
Stock No. 70,683-HP..... \$5.98 Postpaid

**Remove, Replace Retaining Rings Quickly with
NEW, LOW-COST SPANNER WRENCH**



Disassemble Lenses, Cameras, etc.

Top-quality tool. Excellent design. Aluminum hex-bodied tips slip into hex-hollowed arms and lock secure—will not rotate. Fully adjustable for 1/2" to 7" diam. retaining rings, even greater with longer bars. Adjustable legs permit extending tips from 1 1/2" to 3 1/2" below spanner wrench body. Incl. 12 high-tensile steel hex bars 3/8" lg. and 7/8" lg. (3/8" across flats); 3 pairs general purpose tips—two .025" thick flat tips, two .0625" thick flat tips, and two .0625" diam. pin-type tips. Or make your own special purpose tips from simple 7/32" Allen wrenches.
Stock No. 70,751-HP..... \$12.50 Postpaid

**BARGAIN PRICE—WAR SURPLUS
COLLIMATOR AND INFINITE LIGHT SOURCE**



Expensive surplus gun sight orig. cost Gov't. about \$100. Was essentially a collimator or source of infinite light. Many uses for experimenters—research labs. Contains ring and dot reticle, achromatic lens, silvered reflector bulb, 3 1/2" x 2 1/2" reflector glass plate. Bulb operates on 110V, can be converted to 110V or incandescent transformers are available. Convenient holes for easy mounting. Sturdily built unit meas. 6 3/8" x 5 1/2" x 2 1/2".

Stock No. 70,774-HP..... \$9.95 Postpaid
160V Transformer for Light Source.
Stock No. 60,521-HP..... \$3.75 Postpaid

**'FISH' WITH A WAR SURPLUS MAGNET
Go Treasure Hunting on the Bottom**



Great ideal fascinating fun and sometimes tremendously profitable! Tie a line to our 5-lb. Magnet—drop it overboard in bay, river, lake or ocean. Trawl it along the bottom—your "treasure" haul can be outboard motors, anchors, fishing tackle, all kinds of metal valuables. 5-lb. Magnet is war surplus—Alnico V Type—Gov't. Cost, \$50. Lifts over 150 lbs. on land—much greater weights under water. Order now and try this new sport.
Stock No. 70,571-HP 5 lb. Magnet..... \$12.50 Postpaid
Stock No. 70,570-HP 3 1/2 lb. Lifts 40 lbs..... \$8.75 Postpaid
Stock No. 85,152-HP 15 lb. size, lifts 350 lbs..... \$33.60 FOB

**RUGGED, LOW-PRICE, LIFTS
EXPERIMENTAL ELECTRO-MAGNET**



Hobbyists, instructors and industrial lab men will find this well-built Electro-Magnet invaluable. Demonstrate principles of electro-magnetism. Actually lifts 100 lbs. when powered by a single 1 1/2V flashlight battery. Easily deactivated. Includes instructions for 6 experiments—lifting power, magnetic flux and magnetomotive force, air gap, area of contact, retentivity and held configuration. Unit includes magnet and yoke assembly, battery holder, leads, clips and eye-bolts. Steel core and yoke precision ground for max. flatness. About 2 1/2" dia. x 4 1/2" lg. Wt. 2 lbs.
Stock No. 60,435-HP..... \$10.00 Postpaid

**Bargains Galore! Hours of Fun! Only \$5
NEW POPULAR SCIENCE FUN CHEST**



Here are Edmund's 9 top selling science toys and curiosities in one fascinating, low-cost package. Perfect gift item. Amuse and delight young and old for hours on end. Educational too! Teach basic science principles in a wonderful new fun way. Incl.: Solar Radiometer—spins at 3,000 rpm; Albert the Bobbing Bird—runs continuously on thermal energy; Amazing Sealed Mercury Puzzle; Five 2-sided Ceramic Magnets; Big 3 1/2" Burning Glass in Zip-Loc Poly Bag; Magnetic Doggie and Spinning Ball—ball spins as dog approaches; Diffraction Grating Rainbow Viewer; PIK-UP Ring (with Edmund TAKU); Popular booklet, "Astronomy and You." All in die-cut storage box with complete instructions.
Stock No. 70,787-HP..... \$5.00 Postpaid

ORDER BY STOCK NUMBER—SEND CHECK OR MONEY ORDER. SATISFACTION GUARANTEED.
EDMUND SCIENTIFIC CO., BARRINGTON, N. J.

ASTRONOMICAL HDQTS. U.S.A.

Keep Pace With the Space Age

Be ready for the moon shots. See the incredible wonders of the Universe. Choose from the world's largest selection of telescopes and related equipment. Complete range of reflectors, refractors, panoramic, terrestrial, spotting, etc., ranging from advanced precision instruments to inexpensive, build-your-own kits. Every accessory imaginable. Drives, Mounts, finders, mirrors, eyepieces, lenses, filters, equipment for astro-photography, charts, maps, models, slides, study aids and classroom helps. Write for Free giant catalog "HP".

**See the Stars, Moon, Planets Close Up!
3" ASTRONOMICAL REFLECTING TELESCOPE**

60 to 180 Power—Famous Mt. Palomar Type! An Unusual Buy!



Assembled—Ready to use! You'll see the Rings of Saturn, the fascinating planet, Mars, huge craters on the Moon, Phases of Venus, Star Clusters, Moons of Jupiter in detail. Galaxies! Equatorial mount with lock on both axes. Aluminized and overcoated 3" diameter high-speed 1/10 mirror. Telescope comes equipped with a 60X eyepiece and a mounted Barlow Lens, giving you 60 to 180 power. Low-cost accessory eyepiece available for higher powers. An Optical Finder Telescope, always so essential, is also included. Sturdy, lightweight, portable tripod. FREE with scope:

—Valuable STAR CHART plus 272 page "HANDBOOK OF HEAVENS" plus "HOW TO USE YOUR TELESCOPE" BOOK.
Stock No. 85,050-HP..... \$29.95 Postpaid

4 1/4" Reflecting Telescope—up to 225 Power
Stock No. 85,105-HP..... \$79.50 F.O.B.

SUPERB 6" REFLECTOR TELESCOPE
Up to 576 Power. Equatorial mount and Pedestal Base.
Stock No. 85,086-HP..... \$199.50 F.O.B.



**MAKE YOUR OWN POWERFUL
ASTRONOMICAL TELESCOPE**

Grind Your Own Astronomical Mirror
Kits contain mirror blank, tool, abrasives, diagonal mirror and eyepiece lenses. You build instruments ranging in value from \$75.00 to hundreds of dollars.

Stock No.	Diam.	Mirror Thickness	Price
70,003-HP	4 1/4"	3/4"	\$ 7.50 ppd.
70,004-HP	6"	1"	11.95 ppd.
70,005-HP	8"	1 3/8"	19.50 ppd.
70,006-HP	10"	1 3/4"	30.75 f.o.b.
70,007-HP	12 1/2"	2 1/8"	59.95 f.o.b. Barrington

**Brand New, Quick-Charge, Industrial Surplus
NICKEL-CADMIUM BATTERY**

Unparalleled Value

For the first time a 6-volt, light-weight nickel-cadmium battery in stainless steel, strap type casing, 4-amp hour capacity. Almost unlimited life—thousands of discharge-charge cycles with minute deterioration—charges fully in approx. 1 hr. with Edmund charger kit. Just a few drops of water per year provide full maintenance. Hundreds of uses for hobbyists, amateur photographers, campers, model builders, etc. Unequaled for rechargeable lanterns; cycle scooters, and boat lights; portable fluorescent and ultra-violet lights; electronic flash unit. Battery requires minimum of electrolyte; is sealed to prevent loss; delivers nearly 100% of output at below freezing temperatures compared to 50% by lead-acid batteries. No corrosive fumes under any stage of recharge. Can't be damaged by accidental charge in reverse (but not recommended). Stud type terminals on top 1 1/8" apart, marked for polarity; 6/32 thread, nuts and lock-washers. 6"x2"x1". Wt. Approx. 2 lbs. 12 ounces.
Stock No. 70,776-HP..... \$15.00 Postpaid

CHARGER KIT FOR 6-VOLT BATTERY. Charges in approx. 1 hr. Shuts off automatically, attaches to Stock No. 70,766 battery case. Includes transformer, ballast resistors, charger circuit board, mounting hardware, 3-ft. cord, plug switch, assembly instructions.
Stock No. 70,807-HP..... \$8.00 Postpaid

ONE 1.2 VOLT NICKEL-CADMIUM CELL
Stock No. 40,798-HP..... \$3.95 Postpaid

MAIL COUPON for FREE CATALOG "HP"

EDMUND SCIENTIFIC CO., Barrington, N. J.
Completely New 1966 Edition, 148 pages.
Nearly 4000 Unusual Bargains.

Please rush Free Giant Catalog-HP.

Name.....
Address.....
City..... Zone..... State.....



RADIO-TV EXPERIMENTER

Cover Photo
by Don Lohrop

**NOW THERE ARE 76 RADIO
SHACKS COAST TO COAST!**

April-May 1966
CONTENTS/INDEX

☆Cover Highlights

	Feature	Theory	Construction	Ham/CB/SWL	Audio/Hi-Fi	AM/FM/TV	Test Bench	Related Subjects
Positive Feedback/Editorial.....	6	•			•			•
CB Rigs & Rigmarole.....	11	•		•				
Bookmark.....	15	•	•	•	•	•	•	•
New Products.....	18	•			•		•	
☆Six-Meter Solid-State Transmitter.	29		•	•				
☆14 Countries on Your Table Radio.	37	•	•	•				
Underseas Future.....	40	•						•
Putting the Buzz on Fun.....	42	•	•					•
☆T-Bird Turn Indicator.....	47		•	•				•
A Light for Safety.....	51	•	•					•
It Can Be Done—Allen B. DuMont...	52	•				•		•
☆Integrated-Circuit Preamp.....	56		•	•	•			
Propagation Forecast.....	62	•	•	•				
☆Listen to the New Breed/VHF....	63	•	•	•				•
☆Lab Check—Heathkit Keyer.....	69	•	•	•				
☆Lab Check—Norelco Reverb Mike.	71	•	•		•			
Squint Tint Hint.....	72	•				•		
☆Transi-Match for Mikes.....	73		•	•	•			
☆Lab Check—Harman Kardon SC-440.	77	•			•			
Mighty Stereo Midget Headset.....	79	•	•		•			
Binary Switching Capacitance Decade.	83		•	•			•	
☆White's Radio Log—Broadcast Bands.	97	•				•		
☆Short-Wave Listings.....	113	•		•				

Additional Short Subjects on 21, 22, 28

ARIZONA
PHOENIX — 3905 East Thomas Rd.

CALIFORNIA
ANAHEIM — 507 East Katella Ave.
BAKERSFIELD — 1308 19th St.
LA HABRA — 1511 West Whittier Blvd.
LONG BEACH — 3976 Atlantic Ave.
LOS ANGELES:
Downey — Stonewood Shop. Ctr.
Ladera Shopping Center — 5305 Centinela Ave.
Mission Hills — 10919 Sepulveda Blvd.
Reseda — 19389 Victory at Tampa
Torrance — 22519 Hawthorne Blvd.
West Covina — 2516 East Workman Ave.
West L. A. — Pico Blvd. at Overland
OAKLAND (San Leandro) — Bay Fair Shop. Ctr.
SACRAMENTO — 60 Fulton Ave.
SAN DIEGO (La Mesa) — Grossmont Shop. Ctr.
SANTA ANA — Bristol Plaza Shop. Ctr.

COLORADO
DENVER — 798 South Santa Fe

CONNECTICUT
HAMDEN — Hamden Mart. Shop. Ctr.
MANCHESTER — Manchester Shop. Parkade
NEW HAVEN — 92 York St.
NEW LONDON — Newlon Shop. Ctr.
STAMFORD — 29 High Ridge Rd.
WEST HARTFORD — 39 So. Main St.

ILLINOIS
CHICAGO — Evergreen Plaza at 95th St.

MAINE
PORTLAND — Pine Tree Shop. Ctr.

MARYLAND
LANGLEY PARK — Hampshire-Langley Ctr.

MASSACHUSETTS
BOSTON:
167 Washington St.
594 Washington St.
110 Federal St.
BRAINTREE — South Shore Plaza
BROCKTON — Westgate Mall
BROOKLINE — 730 Commonwealth Ave.
CAMBRIDGE — Fresh Pond Shop. Ctr.
FRAMINGHAM — Shopper's World
LOWELL — Central Shop. Plaza
SAUGUS — N. E. Shop. Ctr.
SPRINGFIELD — 1182 Main St.
WEST SPRINGFIELD — Century Shop. Ctr.
WORCESTER — Lincoln Plaza

MINNESOTA
ST. PAUL — 473 North Snelling

MISSOURI
ST. LOUIS — 1125 Pine St. (Walter Ashe Div.)

NEW HAMPSHIRE
MANCHESTER — 1247 Elm St.

NEW MEXICO
ALBUQUERQUE — 6315 Lomas, N. E.

NEW YORK
BINGHAMTON (Vestal) — Vestal Shop. Plaza
BUFFALO (Clarence) — Transittown Shop. Ctr.
NEW YORK — 1128 Ave. of the Americas
SCHENECTADY (Rotterdam) — Shoporama Ctr.
SYRACUSE — 3057 Erie Blvd. East

OHIO
CINCINNATI — 852 Swifton Ctr.

OKLAHOMA
OKLAHOMA CITY — Mayfair Shop. Ctr.
TULSA — 2730 South Harvard

OREGON
PORTLAND — 1928 N.E. 42nd St.

PENNSYLVANIA
PHILADELPHIA:
2327G Cottman Ave., Roosevelt Mall
1128 Walnut St.

RHODE ISLAND
CRANSTON — 1301 Reservoir Ave.
EAST PROVIDENCE — Shopper's Town

TEXAS
ABILENE — 2910 North First St.
ARLINGTON — Collins at Park Row
BROWNSVILLE — 847 S. E. Elizabeth St.
DALLAS:
1691 Main St.
Medallion Center
125 Wynwood Village
Plymouth Park Shop. Ctr.
FORT WORTH:
1515 So. University Dr.
930 East Berry St.
3524 Denton Highway
2615 West 7th St.

HOUSTON:
8458 Gulf Freeway
322 Northline Mall
Bellaire — 4759 Bissonnet
SAN ANTONIO — 150 Wonderland Shop. Ctr.
SHERMAN — 1620 Highway 75 North
WACO — 1016 Austin Ave.

VIRGINIA
ARLINGTON — Washington-Lee Shop. Ctr.

WASHINGTON
SEATTLE:
2028 Third Ave.
837 N. E. 110th St.

FREE: RADIO SHACK ^{SOLID STATE} ELECTRONIC PROJECT BOOK

With Purchases of \$4.95 or More

SURPRISE PAKS

At a fraction of their cost — WHILE THEY LAST! All types, all kinds — semiconductors (tested & untested), buy now!

60-pc Transistor Surprise Pak

2⁹⁸ NPN's, PNP's 10W, 20W, 50W transistors plus subminiature types. 27-034 2.98

100-pc Semiconductor Grab Pak

2⁹⁸ PNP's, NPN's, asst. case styles TO-36 & TO-3 power transistors, top hats, dual germaniums, etc. 27-037, 2.98

Infra-Red Transducer Kit

1⁹⁸ Parabolic reflector, 3" filter detector complete with pictorial diagram. 27-035 1.98

60-pc Jumbo Rectifier Surprise Pak

1⁹⁸ Less than 4¢ ea. Includes top hats, epoxies, zeners, diodes, etc. A great buy! 27-033 ... 1.98

10-pc Power Transistor Pak

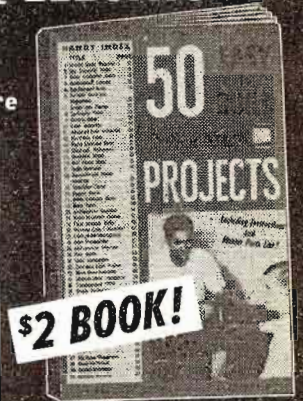
1⁹⁸ Asst. 14 10, 20 watt, 50 watt sizes; germanium, silicon types. Asst. TO-3, -5, -8, -13 and TO-36 cases. 27-036 Net 1.98

ARCHER TWIN-PAKS Popular PNP Types

1⁹⁸ 5 Each of 2N107 Types • CK722 Types Exclusive! Ideal for all audio applications. Base diagrams incl. 27-031 ... 1.98

10 NPN & 15 PNP

25 for 1⁹⁸ For RF applications, switching, general purpose audio types. Replace many numbers without circuit change. 27-1516 1.98



\$2 BOOK!

SOLID-STATE MODULES

- A** Wireless Phono Oscillator Module: designed to play your phonograph, directly through a radio without connecting wires. 27-257 4.95
 - B** Intercom Amplifier Module: custom-build a modern, convenient intercom system for your home or office. 27-254 4.95
 - C** "Baby-Sitter" Amplifier Module: gives real peace of mind; even lets you monitor sound of baby's breathing. 27-256 4.95
 - D** Phonograph Amplifier Module: designed for use with crystal or ceramic cartridge. 2 watts peak power. 27-261 4.95
 - E** Telephone Amplifier Module: permits "group-listening" to a phone conversation; talk with hands free. 27-260 4.95
 - F** Super High-Gain Amplifier Module: for use as a hearing aid, audio signal tracer, "eavesdropper", etc. 27-251 4.95
 - G** Power Amplifier Module: the ideal amplifier to use with tuners, microphones, paging systems, or as signal tracer. 27-253 4.95
 - H** Guitar Amplifier Module: can be used with guitars or any stringed instrument. 2 watts peak power. 27-255 4.95
- AC Power Supply Module: converts 115 VAC to 6 VAC, 1 amp. Use with rectifier-electronic filter (below). 27-258 1.95
- Rectifier-Electronic Filter Module: provides dual DC output from AC power supply. 6 VDC; 24V max., 1 amp. 27-259 3.95

Optional Accessories for Modules Above

Cat. No.	Description	Key Letters	Each
27-1430	Loopstick Antenna	A	.59
23-465	"C" Cells (4 required)	A	.14
27-1437	Battery Holder (2 required)	A, G, H	.25
23-006	6V Lantern Battery	B, C, D, E, G, H	1.05
27-258	AC Power Supply	B, C, D, E, G, H	1.95
27-259	Rectifier-Electronic Filter	B, C, D, E, G, H	3.95
40-1203	4" Speakers (2 required)	B	1.99
27-1384	APDT Switch	B	.49
27-066	500Ω Control w/Switch	B	.79
40-219	8" Extension Speaker	C	8.95
27-1264	100-Ft. Speaker Wire	C	2.39
33-100	Lapel Microphone	C, F	1.89
27-212	500K Control w/Switch	D, E, F, H	.79
40-1213	8" Speaker	D, E, G, H	3.99
44-533	Telephone Pickup	E	.99
33-180	Headphone	F	1.98
23-468	Penlight Batteries (2 required)	F	.10
27-1433	Battery Holder	F	.22
33-918	Dynamic Microphone	G	8.95
33-115	Contact Type Microphone	H	1.49

MAIL TODAY TO NEAREST RADIO SHACK STORE

Please send FREE 1966 Radio Shack Catalog! R/TV-466

Please send me the modules and accessories I have listed below. My order totals \$4.95, so include my FREE copy of your \$2.00 Solid-State Electronic Project book. I enclose \$_____, which includes 50¢ to cover postage and handling anywhere in the U.S.A.

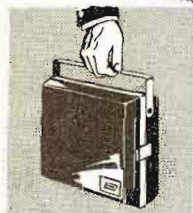
Name (please print) _____

Street _____

City _____ State _____ Zip _____

The famous **Mercury**
Model 1101 TUBE TESTER

NOW in a wire-
it-yourself
KIT!



Model 1101K...Kit

only **\$34⁹⁵**

Model 1101 **\$59⁹⁵**
...Wired

Illustrated step-by-step instructions make the Model 1101 extremely easy to build

Nothing has been spared, engineering-wise or production-wise in making the Model 1101 your best tube tester buy. Tests more tubes for dynamic cathode emission, shorts, grid leakage and gas than many testers costing hundreds of dollars. Tests new Decals, Magnavols, 7-pin Nuvisitors, Novars, Compactrons, 10-pin types, battery type, auto radio hybrid tubes, foreign and hi-fi tubes and industrial types. Employs brilliant 2-point test principle—greatest safeguard against obsolescence. Modern airplane luggage design case... weighs only 4 lbs.

• Also tests all popular picture tubes

Write for complete catalog of kits and wired instruments—and name of nearest distributor

Mercury ELECTRONICS CORP.

315 Roslyn Road, Mineola, N.Y. 11501

Export: Morhan Exporting, 458 Broadway, N.Y.C. 10013



APRIL-MAY 1966



RADIO-TV EXPERIMENTER

Dedicated to America's Electronics Experimenters

JULIAN M. SIENKIEWICZ *Editor*
WA2CQL/KMD4313

WILLIAM HARTFORD *Technical Editor*
KKD7432

ELMER C. CARLSON *Construction Editor*

ANTHONY MACCARRONE *Art Director*

IRVING BERNSTEIN *Cover Art Director*

EUGENE F. LANDINO *Associate Art Director*

RON STAFFIERI *Art Editor*

LYNDA P. KALMAN *Art Associate*

ELLIOT S. KRANE *Advertising Director*

JIM CAPPELLO *Advertising Manager*

LEONARD F. PINTO *Production Director*

CARL BARTEE *Production Manager*

HELEN GOODSTEIN *Assistant Production Manager*

CLIFF SHEARER *Promotion Director*

JOSEPH DAFFRON *Executive Editor*

President and Publisher

B. G. DAVIS

Executive Vice President and Assistant Publisher

JOEL DAVIS

Vice President and Editorial Director

HERB LEAVY, KMD4529

RADIO-TV EXPERIMENTER, Vol. 20, No. 2 (#780), is published bi-monthly by SCIENCE & MECHANICS PUBLISHING CO., a subsidiary of Davis Publications, Inc. Editorial, business and subscription offices: 505 Park Ave., New York, N. Y. 10022. One-year subscription (six issues)—\$4.00; two-year subscription (12 issues)—\$7.00; and three-year subscription (18 issues)—\$10.00. Add \$1.00 per year for postage outside the U.S.A. and Canada. Advertising offices: New York, 505 Park Ave., PL-2-6200; Chicago: 520 N. Michigan Ave., 527-0330; Los Angeles: 6253 Hollywood Blvd., 213-463-5143; Atlanta: Pirnie & Brown, 3108 Piedmont Rd., N.E., 404-233-6729; Long Island: Len Ostler, 9 Garden Street, Great Neck, N.Y., 516-487-3305; Southwestern advertising representative: Jim Wright, 4 N. Eight St., St. Louis, CH 1-1965.

EDITORIAL CONTRIBUTIONS must be accompanied by return postage and will be handled with reasonable care; however, publisher assumes no responsibility for return or safety of manuscripts, art work, or photographs. All contributions should be addressed to the Editor, Radio-TV Experimenter, 505 Park Avenue, New York, New York 10022.

Second class postage paid at New York, New York and at additional mailing office. Copyright 1966 by Science and Mechanics Publishing Co.

RADIO-TV EXPERIMENTER

Volume 45, Part 2

WHITE'S RADIO LOG

An up-to-date Broadcasting Directory of North American AM, FM and TV Stations. Including a Special Section on World-Wide Short-Wave Stations

This is the second part of *White's Radio Log*, now published in three parts twice each year. This format permits the Editors of RADIO-TV EXPERIMENTER to offer to its readers two complete volumes of *White's Radio Log* each year, while increasing the scope of the *Log* and inserting station changes as they occur.

In this issue of *White's Radio Log* we have included the following listings: U. S. AM Stations by Location, U. S. FM Stations by States, Canadian AM Stations by Location, Canadian FM Stations by Location, and the expanded, up-to-date World-Wide Short-Wave Section.

In the June/July issue of RADIO-TV EXPERIMENTER, the *Log* will contain the following listings: U. S. AM Stations by Call

Letters, U. S. FM Stations by Call Letters, Canadian AM Stations by Call Letters, Canadian FM Stations by Call Letters, and the expanded World-Wide Short-Wave Section.

In the event you missed any part of the *Log* published earlier this year, you will have a complete copy of *White's Radio Log* by collecting any three consecutive issues of RADIO-TV EXPERIMENTER during 1966. The three consecutive issues comprise a complete volume of *White's Radio Log* that offers complete listings with last minute station change data that can not be offered in any other magazine or book. If you are a broadcast band DX'er, FM station logger, like to photograph distant TV test patterns, or tune the short-wave bands, you will find *White's Radio Log* an unbeatable reference.

QUICK REFERENCE INDEX

U.S. AM Stations by Location.....	98
U.S. FM Stations by States.....	107
Canadian AM Stations by Location.....	112
Canadian FM Stations by Location.....	113
World-Wide Short-Wave Stations.....	113

WHITE'S RADIO LOG

U. S. AM Stations by Location

Location	C.L.	Kc.	Location	C.L.	Kc.	Location	C.L.	Kc.
Altona, Man.	CFAM	1290	Athens, Ga.	WGAW	1340	Batesville, Miss.	WBLE	1290
Altoona, Pa.	WFBG	1290	Athens, Ga.	WDOL	1470	Bath, Maine	WJTO	730
	WRTA	1240		WKAC	1080	Bath, N.Y.	WFSR	1580
	WVAM	1430		WRFC	960	Baton Rouge, La.	WAIL	1460
Alturas, Calif.	KCNO	570		WFRD	860		WLUX	1550
Altus, Okla.	KWHW	1450		WFXI	990		WYAK	1380
Alva, Okla.	KALV	1430	Athens, Ohio	WATH	970		WBR	1300
Amarillo, Tex.	KBUY	1010		WQUB	1340		WJBO	1150
	KFDA	1440		WLAR	1450		WLCS	910
	KGNC	710	Athens, Tenn.	KLBR	1410		WXOK	1260
	KIXZ	940	Athens, Tex.	WLO	590	Battle Creek, Mich.	WBCK	930
	KRAY	1360	Atlanta, Ga.	WIGO	1340		WKFR	1400
	KZIP	1310		WAKO	1380		WFOC	1500
Ambridge, Pa.	WMBA	1460		WERD	860	Baxley, Ga.	WHAB	1260
Americus, Ga.	WDEC	1290		WGKA	1600	Bay City, Mich.	WBCM	1440
	WISK	1390		WGST	920		WXOX	1250
Ames, Iowa	KASI	1430		WIIW	970	Bay City, Tex.	KIOX	1270
	WQI	640		WQXI	790	Bay Minette, Ala.	WBCA	1150
Amherst, Mass.	WTTT	1430		WSB	750	Bayamon, P.R.	WBPR	1600
Amherst, N.S.	CKDH	1400		WYZE	1480	Bayamon, P.R.	WRSJ	1560
Amherst, N.Y.	WUFO	1080	Atlanta-Decatur, Ga.	WGUN	1010	Baytown, Tex.	KWB	1260
Amite, La.	WABL	1570	Atlanta, Tex.	KALT	900	Beachon, N.Y.	WBR	1280
Amory, Miss.	WAMY	1580	Atlanta, Iowa	KJAN	1220	Beardstown, Ill.	WRMS	790
Amsterdam, N.Y.	WAFS	1570	Atlantic Beach, Fla.	WKTX	1600	Beatrice, Nebr.	KWBE	1450
	WCSS	1490	Atlantic City, N.J.	WFPP	1450	Beaufort, N.C.	WBMA	1400
Anaconda, Mont.	KANA	580		WLDB	1490	Beaufort, S.C.	WBEU	960
Anacortes, Wash.	KAGT	1340		WDM	1590		WSIB	1490
Anaheim, Calif.	KEZJ	1190	Atmore, Ala.	WARM	1590		KLVI	560
Anchorage, Alaska	KBYR	1270	Attleboro, Mass.	WARA	1320		KFAB	1450
	KFQD	750	Auburn, Ala.	WAUD	1230	Beaver Dam, Wis.	WBEV	1430
	KENI	550	Auburn, Calif.	KAHI	950	Beaver Falls, Pa.	WBVP	1230
	KMRE	1580	Auburn, N.Y.	WMBO	1340	Beckley, W. Va.	WJLS	560
Andalusia, Ala.	WCTA	920		WAUB	1590		WNNR	620
Anderson, Cal.	WHBU	1240	Auburn, Wash.	KASJ	1220	Bedford, Ind.	WBIV	1340
Anderson, Ind.	WHUT	1470	Auburndale, Fla.	WTAB	1370	Bedford, Pa.	WBFD	1310
	WJAN	1230	Auburndale, Wis.	WLBL	930	Bedford, Va.	WBTL	1350
Anderson, S.C.	WANS	1280	Augusta, Ga.	WAUG	1050	Beeville, Tex.	KIBL	1490
	WACT	1360		WBBQ	1340	Bel Air, Md.	WVOB	1520
Andrews, Tex.	WANN	1190		WBIA	1230	Belen, N. Mex.	KARS	860
Annapolis, Md.	WYRE	810		WGAC	580	Belfast, Me.	WBME	1230
	WNAV	1430	Augusta, Maine	WRDW	1460	Belgrade, Mont.	KGVW	630
Ann Arbor, Mich.	WAAW	1600		WRBO	1450	Bellaire, Ohio	WOMP	1290
	WRAJ	1440	Aurora, Colo.	KOSI	1340	Bellefontaine, Ohio	WOHP	1390
Anna, Ill.	WANA	1490	Aurora, Ill.	WMRO	1280	Bellefonte, Pa.	WBFL	1330
Anniston, Ala.	WDNG	1450		WKKD	1580	Bell Fourche, S. Dak.	KBFS	1450
	WHMA	1390	Aurora, Mo.	KSWM	940	Belle Glade, Fla.	WSWN	900
Anoka, Minn.	KANO	1470	Austin, Minn.	KAUS	1480	Belleville, Ont.	CJBQ	800
Ansonia, Conn.	WADS	690		KAGQ	170	Belleville, Ill.	WIBV	1260
Antigo, Wis.	WATK	900	Austin, Tex.	KNOW	1490	Bellevue, Wash.	KFKF	1350
Apollo, Pa.	WAPL	910		KHFI	970		KYU	1540
Apopka, Fla.	WTLN	1520		KTBC	590	Bellingham, Wash.	KGMJ	790
Apple Valley, Cal.	KAYR	960		KOKE	1370		KOQT	1500
Appleton, Wis.	WAPL	1570	Avalon, Cal.	KBIG	740	Bellingham-Ferndale, Wash.	KENY	930
	WBYB	1230	Avon Park, Fla.	WAVP	1390		KENY	930
Aquadilla, P. R.	WUNA	1340	Avondale Estates, Ga.	WAVO	1420	Belmont, N.C.	WCGC	1270
Arab, Ala.	WRAB	1390	Aztec, N. Mex.	KHAP	1340	Belt, Wis.	WGEZ	1490
Arada, Fla.	WAPG	1080	Baylton, N.Y.	WBAB	1440		WHPB	1390
Arcata, Calif.	KENL	1340		WGLI	1290	Belton, S.C.	WHPB	1390
	KATA	1340	Bad Axe, Mich.	WLEJ	1340	Belton, Tex.	KTGN	940
Ardmore, Okla.	KVSO	1240	Bainbridge, Ga.	WMGR	930	Belzoni, Miss.	WELZ	1460
Arecibo, P.R.	WCMN	1280		WFLN	960	Bemidji, Minn.	KBUN	1450
	WMLA	1070	Baker, Mont.	KFLN	960	Bend, Oreg.	KBND	1110
Argentina, Nfld.	WNJK	1230	Baker, Oreg.	KBKR	1490		KGRJ	940
Arkadelphia, Ark.	WVUS	1460	Bakersfield, Calif.	KAFY	550	Bennetsville, S.C.	WBSC	1550
Arkan. City, Kans.	KSOK	1280		KBIS	970	Bennington, Vt.	WBTN	1370
Arlington, Fla.	WDCJ	1220		KERN	1410	Benson, Minn.	KBMO	1290
Arlington, Va.	WAVA	780		KGEE	1230	Benson, N.C.	WPYB	1580
	WEAM	1390	Arroyo Grande, Calif.	KUZZ	800	Benton, Ark.	KBBA	690
	KOAG	1280		KLYD	1350		KGKO	1600
Artesia, N.M.	KSVP	990		KWAC	1490	Benton, Ky.	WCBL	1290
Arvada, Colo.	KQXI	1550	Bellingham, Wash.	KPUG	1170	Benton Harbor-St. Joseph, Mich.	WHPB	1060
Ashburn, Ga.	WMES	1570	Baldwinsville, N.Y.	WSEN	1050		WHPB	1060
Asbury Park, N.J.	WJLK	1440	Ballinger, Tex.	KRUN	1400	Berkeley, Calif.	WFAA	1400
Asbury Park-Eatontown, N. J.	WHTG	1410	Baltimore, Md.	WBAL	1090	Berkeley Springs, W. Va.	WCST	1010
Asheboro, N.C.	WGWR	1260		WAYE	860		WCST	1010
Asheville, N.C.	WISE	1310		WBMD	750	Berry Hill, Tenn.	WVOL	1470
	WLOS	1380		WCAO	600	Berryville, Ark.	KTHS	1480
	WSKY	1280		WCBM	680	Berwick, Pa.	WTRX	1280
Ashland, Ky.	WCMI	1340		WEBB	1360	Bessemer, Ala.	WYAM	1450
	WTRC	1420		WFRB	1390	Bethesda, Md.	WUST	1120
Ashland, Ohio	WNCO	1340		WHTH	1230	Bethlehem, Pa.	WGPA	1100
Ashland, Oreg.	KWIN	1400		WSDI	1010	Beverly, Mass.	WMLD	1570
	KRVS	1350		WWIN	1400	Biddford, Maine	WIDE	1400
Ashland, Va.	WIVE	1480	Bamberg-Denmark, S.C.	WWBD	790	Big Bear Lake, Cal.	KTOT	1050
Asnland, Wis.	WATW	1400	Bangor, Maine	WABI	910	Big Delta, Alaska	WXLL	980
Ashtabula, Ohio	WAQI	1600		WGUW	1250	Big Lake, Tex.	KBLT	1290
	WREO	970	Banning, Calif.	WLBZ	620	Big Rapids, Mich.	WBRN	1460
Aspen, Colo.	KSNO	1260	Barboursville, Ky.	KPAS	990	Big Spr., Tex.	KBST	1490
Astoria, Oreg.	KAST	1370		WBRT	1320		KHEM	1270
	KVAS	1230	Barnesboro, Pa.	WNCC	950		KBYG	1490
			Barnwell, S.C.	WBAW	740	Big Stone Gap, Va.	WSD	1290
			Barre, Vt.	WSNO	1450	Biou, Cal.	KOWL	1490
			Barstow, Calif.	WUTC	1230	Bloxi, Miss.	WLOX	1490
				KIOT	1310		WMI	570
			Bartlesville, Okla.	KWON	1400	Billings, Mont.	KBMY	1240
			Bartow, Fla.	WBAR	1460		KGHL	790
			Bassett, Va.	WOOY	900		KOOK	970
			Bastrop, La.	KTRY	730		KOYN	1490
				KVOB	1340		KURL	730
			Batavia, N.Y.	WBTA	1490	Binghamton, N.Y.	WINR	680
			Batesburg, S.C.	WBLR	1430		WKOP	1360
			Batesville, Ark.	WBTA	1480		WNB	1290
						Birmingham, Ala.	WAPI	1070

Every effort has been made to ensure accuracy of the information listed in this publication, but absolute accuracy is not guaranteed and of course, only information available up to press-time could be included. Copyright 1966 by Science & Mechanics Publishing Co., a subsidiary of Davis Publications, Inc., 505 Park Avenue, New York, New York 10022.

Location	C.L.	Kc.	Location	C.L.	Kc.	Location	C.L.	Kc.	Location	C.L.	Kc.	
	WBRC	960	Bristol, Va.	WCYB	690	Carrollton, Ala.	WRAG	590			WBBM	780
	WCRT	1260		WFHG	980	Carrollton, Ga.	WLBB	1100			WBFL	1000
	WAQY	1220	Brockton, Mass.	WBET	1460	Carrollton, Mo.	KAOL	1430			WCRW	1240
	WENN	1320		WOKW	1410	Carson City, Nev.	KPTL	1300			WEDC	1240
	WATV	900	Brockville, Ont.	CFJR	1450	Cartersville, Ga.	WBHF	1450			WGN	720
	WSGN	610	Broken Bow, Nebr.	KCNI	1280		WKRW	1270			WIND	560
	WYDE	850	Bronson, Mo.	KBHM	1220	Carthage, Ill.	WGAZ	990			WJJD	1160
Bisbee, Ariz.	WVOK	600	Brookfield, Conn.	WINE	940	Carthage, Mo.	KDMO	1490			WLS	890
Bishop, Calif.	KSUN	1230	Brookfield, Mo.	KGHM	1470	Carthage, Miss.	WCEP	1480			WMLS	1290
Bishopville, S.C.	KIBS	1230	Brookhaven, Miss.	WCHJ	1470	Carthage, Tenn.	WRKM	1350			WMBI	1110
Bismarck, N.Dak.	WAGS	1380		WJMB	1340	Carthage, Tex.	KGAS	1590			WNUS	1390
	KFYR	550	Brookings, Ore.	KURY	910	Caruthersville, Mo.	KCRV	1370			WSBC	1240
	KBMR	1350	Brookings, S.Dak.	KBKX	1430	Casa Grande, Ariz.	KPIN	1260	Chicago Hgts., Ill.	WMP	1470	
Bismarck-Mandan, N.Dak.	KBOM	1270	Brookline, Mass.	WBOS	1600	Casey, Ill.	WKZI	1470	Chickasha, Okla.	WCGO	1560	
			Brookneal, Va.	WDDJ	1230	Casper, Wyo.	KTWO	1400	Chico, Calif.	KWGO	1560	
Black Mountain, N.C.	WFGW	1010	Brooksville, Fla.	WWJB	1450		KATI	1400			WPAY	1060
	WBMT	1350	Brownfield, Tex.	KKUB	1300	Cathedral City, Calif.					WAGE	730
	WFGW	1010	Brownsville, Tenn.	WBFT	1520						KCTJ	1510
Black River Falls, Wis.	WWIS	1260	Brownwood, Tex.	KBOR	1600	Cayce, S.C.	KWXY	1340	Chillicothe, Mo.	KCHI	1010	
			Brownwood, Tex.	KBWD	1380	Cayce, P.R.	WLEY	1080	Chillicothe, Ohio	WBEX	1490	
Blackfoot, Idaho	KBLI	690		KEAN	1240	Cedar City, Utah	KSUB	590			WCHI	1350
Blackhear, Ga.	WBSG	1350		WGIG	1440	Cedar Falls, Iowa	KCFI	1250			WBGJ	1140
Blackstone, Va.	WKLV	1440		WMOG	1490	Cedar Rapids, Iowa	KCSR	1600				
Blackwell, Okla.	KLTR	1580		WYNE	730		KLWW	1450			WAXX	1250
Blaine, Wash.	KARI	550	Brunswick, Ga.	WMOG	1490							
Blakely, Ga.	WBBK	1260		WYNE	730							
Blanding, Utah	KUTA	790	Brunswick, Maine	WYNE	900							
Bloomington, Ill.	WJBC	1230	Bryan, Ohio	WBNO	1520							
Bloomington, Ind.	WTSJ	370	Bryan, Tex.	KORA	1240							
Bloomington, Pa.	WCNR	850		WTAW	1150	Edgartown, Ga.	WGAA	1340	Christiansburg, Va.	WJWJ	1260	
	WHLM	550	Buckhannon, W.Va.	WBUC	1460	Celina, Ohio	WCMS	1350	Christiansted, V.I.	WIVI	970	
Blountstown, Fla.	WKMK	1370	Bucyrus, Ohio	WBGO	1540	Center, Ala.	WEIS	990	Church Hill, Tenn.	WMCH	1260	
Blue Earth, Minn.	KBWE	1560	Buffalo, N.Y.	WBEN	980	Center, Tex.	WABC	1530	Circleville, Ohio	WYON	1450	
Bluefield, W.Va.	WHIS	1440		WEBR	970	Center, Tex.	WABC	1530			WPCO	1230
	WKYO	1240		WGR	550	Centerville, Ala.	WBIB	1590			WKRC	550
Blythe, Calif.	KYOR	1450		WKBW	1520	Centerville, Iowa	KCOG	1400			WLW	700
Blytheville, Ark.	KLCN	910		WWOL	1220	Centerville, Ind.	WHON	930			WSAI	1360
Boa, Ala.	WBSA	1300	Buffalo, Wyo.	KBBS	1450	Centerville, Miss.	WLBS	1580			WZIP	1050
Boca Raton, Fla.	WSBR	740	Buford, Ga.	WDYX	1460	Centerville, Tenn.	WHLP	1570	Clanton, Ala.	WKLF	980	
Bogalusa, La.	WIKC	1490	Burbank, Calif.	KBLK	1500	Centerville, Utah	KBBC	1600	Clare, Mich.	WCRM	1400	
	WBOX	920	Burley, Idaho	KBAR	1250	Central City, Ky.	WSES	1050	Claremont, N.H.	WVJ	1230	
Boise, Idaho	KATN	1010	Burlington, Iowa	KBUR	1490		WMR	1430	Claremore, Okla.	WKFR	1270	
	KB01	670		KYED	1150	Centralia, Ill.	WCNT	1210	Claremont, Pa.	WWCH	1300	
	KESJ	790	Burlington, N.C.	WBBS	920	Centralia & Chehalis, Wash.			Clarksburg, W.Va.	WBOY	1400	
	KGEM	1140		WBAG	1130		KELA	1470			WHAR	1340
	KIDD	630	Burlington, Vt.	WDOT	1400	Centerville, Ala.	WBIB	1590			WPDZ	750
	KYME	740		WJQY	1230	Centerville, Ala.	KLOC	920	Clarksdale, Miss.	WRDX	1450	
Bolivar, Mo.	KBLR	1550		WYMT	620	Chadburn, N.C.	WYCE	1590	Clarksville, Ark.	KLYR	1360	
Bolivar, Tenn.	WBOL	1560	Burnett, Tex.	KTSJ	1540	Chadron, Nebr.	WCHB	610	Clarksville, Tenn.	WJZM	1400	
Bonham, Tex.	KFYN	1420	Burns, Ore.	KRNS	1280	Chambersburg, Pa.	WCHA	800			WDXN	540
Boone, Iowa	KFGQ	1260	Butler, Ala.	WPRN	1220		WCBG	1590	Clarksville, Tex.	KCAR	1350	
	WATA	1450	Butler, Mo.	KMAM	1580	Champaign, Ill.	WDWS	1400	Claxton, Ga.	WCLA	1470	
Boone, N.C.	WBNL	1540	Butler, Pa.	WBUT	1050	Chanute, Kans.	KCRB	1460	Clayton, Ga.	WGHC	1570	
Boonville, Ind.	KWRT	1370		WISR	680	Chapel Hill, N.C.	WCHL	1360	Clayton, Mo.	KCW	1320	
Boonville, Mo.	KWRT	1370	Butte, Mont.	KBOW	550	Charleroi, Pa.	WESA	940			KFMU	850
Boonville, Miss.	WBIP	1400		KXLF	1370	Charles City, Iowa	KGHA	1580	Clayton, N.Mex.	KLMX	1450	
Boonville, N.Y.	WBRV	900	Cabin, John, Potomac, Md.	WXLN	950	Charleston, Mo.	KCHR	1350	Clearfield, Pa.	WCPA	900	
Borger, Tex.	KHUZ	1490	Cadillac, Mich.	WATT	1240	Charleston, S.C.	WCSC	1390	Clearwater, Fla.	WTAN	1340	
	KB00	1600		WNEL	1430		WOKE	1340			WAZE	860
	WBZ	1030		WVJP	1110		WPAL	730	Cleburne, Tex.	KCLE	1120	
Boston, Mass.	WCOP	1150	Cairo, Ga.	WGRA	790		WGSN	1450	Clemat, Fla.	WCL	1340	
	WILD	1090	Cairo, Ill.	WKRO	1490	Charleston, W.Va.	WTMA	1250	Cleveland, Fla.	WRWF	1350	
	WNAC	680	Calais, Maine	WQDY	230		WCHS	580	Cleveland, Miss.	WCLD	1490	
	WEZE	1260	Caldwell, Idaho	KCID	1490		WGVK	1490			WDSK	1410
	WEEL	590		KBGN	910		WKAZ	950	Cleveland, Ohio	WKYC	1100	
	WHDJ	850	Calera, Ala.	WBYE	1370		WTIP	1240			WDDK	1260
	WMEX	1510	Calixico, Calif.	KICQ	1490		WXVA	1550			WERE	1300
	WORL	950	Calhoun, Ga.	WCGA	900	Charlotte, Mich.	WCER	1390			WGAR	1220
Boulder, Colo.	KBOL	1490	Camas, Wash.	KVAN	1480	Charlotte, N.C.	WB	1100			WHL	1420
	KDEY	1360	Cambridge, Md.	WCEN	1240		WAS	810			WBQJ	1540
Bowie, Tex.	KBAN	1410	Cambridge, Mass.	WYHF	740		WIGV	1600	Cleveland, Tenn.	WBAC	1340	
Bowling Green, Ky.	WKCT	930	Cambridge, Ohio	WILE	1270		WKTC	1310			WCLE	1570
	WBGJ	1340	Camden, Ark.	KAMD	910		WSOC	930	Cleveland, Tex.	WCLB	1410	
	WLB	1410		KJWH	1450		WIST	1240	Cleve. Hgts., Ohio	WJHO	1490	
Bowl, Green, Ohio	WMGS	730	Camden, N.J.	WCAM	1310		WVOK	1480	Clewiston, Fla.	WQWY	1590	
Boynton Beach, Fla.	WZZZ	1510		WKDN	800		WRPL	1540	Clifton, Ariz.	KCLF	1400	
	KXXL	1450	Camden, S.C.	WACA	1590	Charlotte Amalie, V.I.	WBNN	1000	Clifton Forge, Va.	WGFV	1230	
	KBNN	1230	Camden, Tenn.	WFNL	1220		WBNS	1340	Clincho, Va.	WDIC	1430	
Bradbury Hgts., Md.	WPGC	1580	Cameron, Tex.	KMIL	1330		WBNS	1000	Clinton, Ill.	WHOW	1520	
Bradford, Pa.	WBDA	1550	Camilla, Ga.	WCLB	1220		WBNS	1000	Clinton, Iowa	KCLN	1390	
Braddocks Heights, Md.	WMHI	1370	Campbell, Ohio	WHOT	1390	Charlotte Amalie, V.I.	WBNS	1000			KROS	1340
	WTRL	1490	Campbellsville, Ky.	WTCO	1450		WBNS	1000	Clinton, Mo.	KDKD	1280	
Bradenton, Fla.	WBRD	1420	Canandaigua, N.Y.	WCCR	1550	Chase City, Va.	WMEK	900	Clinton, N.C.	WRZ	880	
	WESB	1490	Cannon City, Colo.	KRLN	1400	Chattahoochee, Fla.	WSBP	1580	Clinton, Okla.	KWOE	1320	
Bradford, Pa.	WESB	1490	Canonsburg, Pa.	WARO	540		WMBP	1450	Clinton, S.C.	WPCC	1410	
Brady, Tex.	KNEL	1490	Canton, Ga.	WCHK	1290	Chattanooga, Tenn.	WAO	1150	Clinton, Tenn.	WYSH	1380	
Brainerd, Minn.	KLIZ	1380	Canton, Ill.	WBYS	1560		WDEF	1370	Cloquet, Minn.	WKLL	1230	
	KVIB	1340	Canton, Miss.	WMGO	1370		WDOF	1370	Clovis, N.Mex.	KCLV	1240	
Branson, Mo.	KBHM	1220	Canton, N.C.	WWIT	970		WDOB	1310	Coachella, Calif.	KICA	980	
Brantford, Ont.	CKPC	1380	Canton, Ohio	WCNS	900		WDOB	1310	Coalinga, Calif.	KBMX	1470	
Brattleboro, Vt.	WTSJ	1450		WHOF	1060		WNO	1260	Coatesville, Pa.	WCQJ	1420	
	WKVT	1490		WHBC	1480	Cheboygan, Mich.	WCBY	1240	Cocoa, Fla.	WKKD	860	
Brawley, Calif.	KROP	1300		WINW	1520	Cheektowaga, N.Y.	WNIA	1230			WEZY	1350
Brazil, Ind.	WCGM	1380	Canyon, Tex.	KCAN	1550	Chehalis-Centralia, Wash.					WWBC	1510
Breckenridge, Minn.	KBMW	1450	Cape Girardeau, Mo.	KFVS	960		KITI	1420	Cocoa Beach, Fla.	WKRT	1300	
	KSTB	1430		KZYM	1220		KOZI	1220	Cody, Wyo.	KOD	1400	
Breckenridge, Tex.	KSTB	1430		KGMO	1550	Chelan, Wash.	WCRE	1420	Coeur d'Alene, Ida.	KVNI	1240	
Bremen, Ga.	WWCC	1440	Carbondale, Ill.	WCIL	1020		WCRA	1420	Coffeyville, Kans.	KGGF	690	
Bremerton, Wash.	KBRO	1490	Carbondale, Pa.	WCDD	1440		WCRB	1580	Colby, Kans.	KXXK	790	
Brenham, Tex.	KWHI	1280	Caribou, Maine	WFST	800	Cherokee, Iowa	KSGE	1440	Coldwater, Mich.	WTVB	1590	
Brewster, N.C.	WFNF	1240	Carlisle, Pa.	WHL	960		WEEZ	1590	Coleman, Tex.	KSTA	1000	
	WBFW	1510		WIOO	1090		WVCH	740	Colfax, Wash.	KCLX	1450	
Brewton, Ala.	WEBJ	1240	Carlsbad, N.Mex.	KAVE	1240		WGCD	1490	College Park, Ga.	WASH	1570	
Bridgeport, Ala.	WBTS	1480		KPBM	740	Chester, S.C.	WIKI	1410	Collierville, Tenn.	WATC	1590	
Bridgeport, Conn.	WBCS	600	Carmol, Calif.	KRML	1410		WICT	1410	Colonial Heights, Va.	WPVA	1290	
	WNAB	1450	Carmi, Ill.	WROY								

WHITE'S RADIO LOG

Location	C.L.	Kc.
Columbia, Ky.	WAIN	1270
Columbia, Miss.	WCJU	1450
Columbia, Mo.	KFRU	1400
	KCGM	1580
	WCQY	1580
Columbia, Pa.	WCOS	1400
Columbia, S.C.	WIS	560
	WOIC	1320
	WNOK	1230
	WQXL	1470
Columbia, Tenn.	WNCP	1280
	WKRM	1340
Columbus, Ga.	WDAK	540
	WRBL	1420
	WHYD	1270
	WCLS	1580
	WOKS	1340
Columbus, Ind.	WCST	1010
Columbus, Miss.	WAGR	1050
	WJBI	550
Columbus, Nebr.	KJST	900
	KTTT	1510
Columbus, Ohio	WBNS	1460
	WCOL	1230
	WMNI	920
	WOSU	820
	WTVN	610
	WVKV	1580
	KCVL	1270
Colville, Wash.	KCOM	1550
Comanche, Tex.	WJJC	1270
Commerce, Ga.	WKUN	1480
Concord, Calif.	WCKL	1450
Concord, N.H.	WEGO	1410
Concord, N.C.	WQCI	1390
Concordia, Kans.	WWOW	1360
Conneaut, Ohio	WCVI	1340
Connellsville, Pa.	WCNB	1580
Connersville, Ind.	KMCO	900
Conroe, Tex.	KCDN	1230
Conway, Ark.	KVEE	1330
Conway, N.H.	WBNC	1050
Conway, S.C.	WCST	1350
Cookeville, Tenn.	WHUB	1400
Coos Bay, Oreg.	WPTN	1550
	KCKY	1150
	KOOS	1230
	KYNG	1420
Copper Hill, Tenn.	WLSB	1400
Cogulla, Oreg.	KCBO	630
Coral Gables, Fla.	WRIZ	1550
	WVCG	1080
Corbin, Ky.	WCTT	680
	WYGO	1330
Cordoba, Ga.	WMJM	1490
Cordova, Alaska	KLAM	1450
Corinth, Miss.	WCMA	1230
	WKCI	1350
Cornelia, Ga.	WCQN	1450
Corning, Ark.	KCCB	1260
Corning, N.Y.	WCBA	1350
	WCLE	1450
Corona, Cal.	KREL	1370
Corpus Christi, Tex.	KCTA	1030
	KCTC	1150
	KEYS	1440
	KRYS	1360
	KSIX	1230
	KUNO	1400
Corry, Pa.	WOTR	1370
Corsicana, Tex.	KAND	1340
Cortez, Colo.	KVFC	740
Cortland, N.Y.	WKRT	920
	KFLY	1240
	KLOO	1350
	KLOO	1340
Corvallis, Ore.	WPDF	1550
Coshydon, Ind.	WNS	1560
Coshocton, Ohio	KNNB	1400
Cottage Grove, Ore.	KVRD	1240
Cottonwood, Ariz.	KVIO	1600
Coudersport, Pa.	WFRM	600
Council Bluffs, Iowa	KFNF	920
	KRCB	1360
	KCFD	1440
Courtenay, B.C.	WGFS	1430
Covington, Ga.	WCLU	1320
Covington, Ky.	WARB	730
Covington, La.	WKBL	1250
Covington, Tenn.	WKEY	1340
Covington, Va.	WZYX	1440
Cowan, Tenn.	KNNB	550
Craig, Colo.	KCBR	1380
Crane, Tex.	KBSN	970
Crawfordsville, Ind.	WCVL	1550
Crescent City, Calif.	KPLY	1240

Location	C.L.	Kc.
Creston, Iowa	KPOD	1310
Crestview, Fla.	KSIB	1520
	WCNU	1010
	WJSB	1050
Crewe, Va.	WVSU	820
Crockett, Tex.	KIVY	1290
Crookston, Minn.	KROX	1260
Crossett, Ark.	KAGH	800
Crossville, Tenn.	WAEW	1330
Crowley, La.	KSIG	1450
Crystal Lake, Ill.	WCLR	850
Cuero, Tex.	KCFH	1600
Cullman, Ala.	WFMH	1460
	WKUL	1340
Culpeper, Va.	WCVA	1490
Cumberland, Ky.	WCMP	1280
Cumberland, Md.	WCUM	1230
	WTBO	1450
Cummings, Ga.	WSNE	1410
Cushing, Okla.	KUSH	1600
Cuyahoga Falls, Ohio	WCUE	1150
Cypress Gardens, Fla.	WGTO	540
Cynthiana, Ky.	WCYN	1400
Dade City, Fla.	WDCF	1350
Dadeville, Ala.	WDVC	910
Dalhart, Tex.	KXIT	1410
Dallas, N.C.	WAAK	960
Dallas, Oreg.	KROW	1460
Dallas, Tex.	KRLD	1080
	KLXL	1040
	KSKJ	860
	KLIF	1190
	WFAA	570
	WFAA	820
	KBOX	1480
	WRR	1310
	WBL	1230
Dalton, Ga.	WRCD	1430
	WTTI	1530
Danbury, Conn.	WLAD	800
Danville, Ill.	WDAN	1490
	WITY	980
Danville, Ky.	WHIR	1230
Danville, Pa.	WPGM	1570
Danville, Va.	WBTV	1830
	WYPR	970
	WDVA	1250
	WILA	1580
Dardanelle, Ark.	KCAB	980
Darlington, S.C.	WDAR	1350
Davenport, Iowa	WOC	1420
	KWNT	1580
	KSTT	1170
Dawson, Ga.	WDWD	990
Dayton, Ohio	WHIO	1290
	WING	1410
	WONE	980
	WAVI	1210
	WDNT	1280
Dayton, Tenn.	WNDB	1150
Daytona Beach, Fla.	WVWF	1450
	WRDD	1340
Deadwood, S.Dak.	KDSJ	980
Dearborn, Mich.	WKNR	1310
Dearbur, Ala.	WHOS	800
	WJAI	1490
	WMSL	1400
Decatur-Atlanta, Ga.	KGUN	1010
	WOMN	1310
Decatur, Ill.	WDZ	1050
Decatur, Ind.	WSOY	1340
Decatur, Iowa	WAOM	1540
Decorah, Iowa	KDEC	1240
	KWLC	1240
Deer Lodge, Mont.	KDRG	1400
Deerfield, Va.	WABH	1150
Defiance, Ohio	WONW	1280
De Funiak Springs, Fla.	WOSP	1280
	WZEP	1460
De Kalb, Ill.	WLBK	1360
De Land, Fla.	WJBS	1490
	W000	1310
Delano, Calif.	KCHJ	1010
Delaware, Ohio	WBLE	1550
Delray, Beh., Fla.	WDBF	1420
Del Rio, Tex.	KDLK	1230
Delta, Colo.	KDIA	1400
Deming, N.Mex.	KOTS	1230
Demopolis, Ala.	WXAL	1400
	WJWT	1350
Denham Sprgs., La.	WLBI	1220
Denison, Iowa	KDSN	1580
Denison-Sherman, Tex.	KDSX	950
Denmark-Bamberg, S.C.	WVWD	790
Denton, Tex.	KDNT	1440
Denver, Colo.	KDEN	1340
	KFML	1390
	KHOW	630
	KLMN	950
	KLIR	990
	KLZ	560
	KBTR	710
	KOA	850
	KPOF	910
	KFSO	1220
	KTLN	1280

Location	C.L.	Kc.
Denver City, Tex.	KKAL	1580
De Queen, Ark.	KDQN	1390
De Ridder, La.	KDLA	1010
Des Moines, Iowa	KCBC	1390
	KIOA	940
	KRNT	1350
	KSD	1460
	KWKY	1150
	WHO	1040
Detroit, Mich.	WCAR	1130
	WJLB	1500
	WJLB	1460
	WJR	760
	WWJ	950
	WXYZ	1270
Detroit Lakes, Minn.	KDLM	1340
Devils Lake, N.Dak.	KDLR	1240
Dexter, Mo.	KDEX	1590
Diboll, Tex.	KSPFL	1260
Dickinson, N.Dak.	KDIX	1230
Dickson, Tenn.	WDKN	1260
Dillon, Mont.	KDBM	1490
Dillon, S.C.	WDIV	1490
Dimmitt, Tex.	KDHN	1470
Dimub, Calif.	KRDU	1130
Dixon, Ill.	WIXN	1460
Dodge City, Kans.	KINT	1370
	KEDD	1550
Donaldsonville, Ga.	WSEM	1500
Doniphan, Mo.	KDFN	1500
Dothan, Ala.	WDIG	1450
	W00F	560
Douglas, Ariz.	KAWT	1450
	KAPR	980
Douglas, Ga.	WDMG	860
	WOKA	1310
Douglas, Wyo.	WBFJ	1050
Douglasville, Ga.	WDGL	1520
Dover, Del.	WDOV	1410
	WKEN	1600
Dover, N.J.	WRAN	1510
Dover, N.H.	WTSN	1270
Dover, Ohio	WJER	1450
Dowagiac, Mich.	WDOW	1440
Doylestown, Pa.	WVJ	1570
Dublin, Ga.	WMLT	1330
	WXLJ	1230
Du Bois, Pa.	WCED	1420
Dubuque, Iowa	KDTH	1370
	WDBQ	1490
Duluth, Minn.	KDAL	610
	KAOH	1390
	KAOH	1390
Dumas, Tex.	KDDO	800
Duncan, Okla.	KRHD	1550
Dundee, N.Y.	WFLR	1370
Dunkirk, N.Y.	WDOE	1410
Dunn, N.C.	WCKB	780
Du Quoin, Ill.	WDOJN	1580
Durango, Colo.	KDGO	1240
Durant, Okla.	KSFO	750
Durham, N.C.	WDNC	620
	WSRC	1410
	WSSB	1490
	WTKI	1310
Dyersburg, Tenn.	WDSG	1450
	WTRG	1330
Eagle Pass, Tex.	KEPS	1270
Engle River, Wis.	WERL	950
Easley, S.C.	WELP	1360
E. Grand Forks, Minn.	KRAD	1590
Eastland, Tex.	KERC	1590
E. Lansing, Mich.	WKAR	870
E. Liverpool, Ohio	WOHI	1490
East Longmeadow, Mass.	WVIC	730
	WTYM	1600
Eastman, Ga.	WUFF	710
E. Molino, Ill.	WDLM	960
E. Point, Ga.	WTJP	1260
E. Prairie, Mo.	KGGL	1080
E. Syracuse, N.Y.	WPAY	1540
Easton, Md.	WEMD	1460
Easton, Pa.	WEEX	1230
	WEST	1400
Eatontown, N.J.	WHTG	1410
Eau Claire, Wis.	WBZ	1400
	WEDL	1050
Eau Gallie, Fla.	WMEG	920
Edinburgh, Pa.	WEND	1580
Edenton, N.C.	WCDD	1260
Edinburg, Tex.	KURV	710
Edmonds, Wash.	KEDN	630
Edinburgh, Ill.	WELB	1350
Elba, Ala.	WELB	1350
Elberton, Ga.	WSGA	1400
El Cajon, Calif.	KDEO	910
El Campo, Tex.	KULP	1390
El Centro, Calif.	KXO	1230
El Dorado, Ark.	KAMP	1430
	KDMS	1290
	KELD	1400
Eldorado, Kans.	KBTO	1360
Eldorado Springs, Mo.	KESM	1580
Eleels, Kanai, Hawaii	KUAI	720

Location	C.L.	Kc.
Elgin, Ill.	WRMN	1410
Elizabeth City, N.C.	WCNC	1240
	WGAI	560
Elizabethton, Tenn.	WBEJ	1240
	WIDD	1520
Elizabethtown, Ky.	WIEL	1400
Elizabethtown, N.C.	WBLA	1440
Elizabethtown, Pa.	WHRY	1500
Elk City, Okla.	KBEK	1240
Elkhart, Ind.	WTRC	1340
	WCMR	1270
	WIFM	1540
Elkins, N.C.	WDNE	1240
Elkins, W.Va.	KELK	1460
Elko, Nev.	WESR	550
Ellensburg, Wash.	KXLE	1240
Ellenville, N.Y.	WELV	1370
Ellisworth, Me.	WDEA	1970
Elmira, N.Y.	WELM	1410
	WENY	1230
Elmira Heights-Horseheads, N.Y.	WEHH	1590
El Paso, Tex.	KROD	600
	KELP	920
	KHEY	690
	KINT	1590
	KIZZ	1150
	KSET	1380
El Reno, Okla.	KELR	1460
Ely, Minn.	WELY	1450
Ely, Nev.	KELY	1230
Elyria, Ohio	WEOL	930
Eminence, Ky.	WSTL	1600
Emporia, Kans.	WDE	1400
Emporia, Va.	WVEM	1450
Emporium, Pa.	WLEM	1250
Endicott, N.Y.	WENE	1420
Englewood, Colo.	KGMC	1150
Englewood, Fla.	WENG	1530
Enid, Okla.	KCRC	1390
Enterprise, Ala.	KGWA	960
Enterprise, Ark.	WTRB	600
Enterprise, Oreg.	KWRB	1340
Ephrata, Pa.	WGSB	1310
Ephrata, Wash.	KULF	730
Erle, Pa.	WVYN	1260
	WICU	1390
	WJET	1400
Erwin, Tenn.	WVGO	1450
Escanaba, Mich.	WDBC	680
	WLST	600
Eseondido, Calif.	KOWN	1450
Espanola, N. M.	KDCE	970
Etawah, Tenn.	WCPH	1220
Eufaula, Ala.	WULA	1240
Eugene, Oreg.	KPIR	1500
	KASH	1600
	KATR	1320
	KERG	1280
	KUGN	590
	KWFS	1540
Eunice, La.	KEUN	1490
Eureka, Calif.	KRNB	1420
	KDAN	790
Eustis, Fla.	WLCO	1240
Evanston, Ill.	WEAW	1330
	WNMP	1590
Evanston, Wyo.	KEVA	1240
Evansville, Ind.	WROZ	1400
	WGBF	1280
	KWY	920
	WJPS	830
Eveleth, Minn.	WEVE	1340
Evereett, Pa.	WVDS	1110
Everett, Wash.	KRKO	1380
	KWYZ	1230
Evergreen, Ala.	WBLO	1470
Fairbanks, Alaska	KFR	610
Fairfax, Va.	KFRB	900
Fairbury, Nebr.	KGMT	1310
Fairfax, Va.	WEEL	1310
Fairfield, Ill.	WFIV	1390
Fairfield, Iowa	KMCD	1570
Fairhope, Ala.	WAFB	1220
Fairmont, Minn.	KSM	970
Fairmont, N.C.	WFO	860
Fairmont, W.Va.	WMMN	920
	WTCS	1490
Fairway, Kan.	KUDL	1380
Fajardo, P.R.	WMDO	1480
Fairfuries, Tex.	KPSO	1260
Fall River, Mass.	WALR	1450
	WSAR	1480
	KVLV	980
Falls Church, Va.	WFAX	1220
Falls City, Nebr.	KTNC	1230
Fargo, N.Dak.	WDAY	970
	KFNW	900
	KWV	1550
	KXGO	790
Farmabout, Minn.	KDHL	920
Farmersville, La.	KDTL	1470
Farmington, Me.	WKTJ	1380
Farmington, Mo.	KREI	800
Farmington, N.M.	KENN	1390
	KWYK	960
	KRZE	1280

WHITES RADIO LOG

Location C.L. Kc.

KIKI	830
KGU	760
KHVV	1040
KNDI	1270
KOHO	1170
KORL	650
KTRG	990
KULA	600
KIHR	1340
KXAR	1490
Hope, Ark.	WHAP 1340
Hopewell, Va.	WHOP 1230
Hopkinsville, Ky.	WHOP 1230
WKO	1480
Hoquiam, Wash.	KGHO 1580
Hornell, N.Y.	WHHG 1320
WLEP	1480
Hot Springs, Ark.	KAAB 1340
KBHS	590
KZNG	1470
Hot Springs, S. Dak.	KOBH 580
Houghton, Mich.	WHDF 1400
Houghton Lake, Mich.	WHGR 1290
Houlton, Maine	WHOU 1340
Houma, La.	KCIL 1490
Houston, Miss.	WCPC 940
Houston, Mo.	KTBC 1250
Houston, Tex.	KCOH 1430
KENR	1070
KIOT	610
KNUZ	1230
KODA	1010
KPRC	950
KTHT	790
KTRH	740
KXYZ	1320
KYOK	1590
Howell, Mich.	WHMI 1350
Rudson, N.Y.	WHUC 1230
Hugo, Okla.	KIHN 1340
Humacao, P.R.	WALO 1240
Humboldt, Tenn.	WIRJ 740
Huntingdon, Pa.	WHUN 1150
Huntington, Ind.	WHIT 1300
Huntington, N.Y.	WGSN 740
Huntington, W.Va.	WKEE 800
WSAZ	930
WWHY	1470
Huntsville, Ala.	WBHP 1230
WEUF	1600
WFXJ	1450
WAAV	1550
Huntsville, Tex.	KSAM 1490
Huron, S. Dak.	KIJV 1340
Hutchinson, Kans.	KWBW 1450
KWHK	1260
Hutchinson, Minn.	KDUZ 1260
Hyde Park, N.Y.	WHVW 1350
Idabel, Okla.	KBEI 1230
Idaho Falls, Idaho	KID 590
KTEE	1260
Immokalee, Fla.	WCOF 1490
Independence, Ia.	KUPI 980
KOUR	1220
Independence, Kans.	KIND 1010
Independence, Mo.	KCCX 1510
Indiana, Pa.	WDAD 1450
Indianapolis, Ind.	WATI 810
WBRI	1500
WFBM	1260
WGEF	1590
WJLW	1470
WIFE	1310
WIRE	1480
WXLW	950
Indianola, Iowa	KBAB 1490
Indianola, La.	KBAB 1490
Indianola, Miss.	WNLA 1380
Indian Rocks Beach, Fla.	WFLX 1430
WGNP	1520
Indio, Calif.	KREO 1400
Inglewood, Calif.	KTYM 1480
Inkster, Mich.	WCHB 1440
International Falls, Minn.	KGHS 1230
KAN 1370	
Iola, Kansas	WION 1430
Ionia, Mich.	KXIC 800
Iowa City, Iowa	WSUI 910
KFIG	1510
Iron Mtn., Mich.	WMIO 1450
Ironton, Ala.	WIXI 1480
Ironton, Ohio	WIRO 1230
Ironton, Mich.	WFKB 630
Irvine, Ky.	WIRV 1550
Isabella, P.R.	WISA 1390

Location	C.L.	Kc.
Ishpeming, Mich.	WJPD	1240
WCKD	970	
Islip, N.Y.	WBIC	540
Ithaca, N.Y.	WHCU	870
WTK 1470		
Iuka, Miss.	WVOM	1270
Jackson, Ala.	WHOD	1290
Jackson, Mich.	WIBM	1450
WKHM	970	
WICO	1510	
Jackson, Miss.	WJDX	620
WJQS	1400	
WJXN	1450	
WOKJ	1550	
WUUN	1590	
WRBC	1300	
WSLI	990	
Jackson, Ohio	WLMJ	1280
Jackson, Tenn.	WDXI	1310
WJAK	1460	
WJES	1300	
Jackson, Wis.	WYLO	540
Jackson, Wyo.	KSGT	1340
Jacksonville, Ark.	KGMR	1500
Jacksonville, Fla.	WJAX	930
WAPE	690	
WZOK	1320	
WVY	1030	
WMBR	1460	
WOBBS	1360	
WPDQ	600	
WQIK	1280	
WRHC	1400	
WJLL	1550	
Jacksonville, Ill.	WJDS	1140
Jacksonville, Miss.	WJES	1400
Jacksonville, N.C.	WJNC	1240
WLAS	910	
Jacksonville, Tex.	KEBE	1400
Jacksonville Beh., Fla.	WBIX	1010
KEYJ	1400	
KSJB	600	
Jamestown, N. Dak.	WJTN	1240
WKSJ	1340	
Jamestown, N.Y.	WJTN	1240
WKSJ	1340	
Jamestown, Tenn.	WCLC	1260
Janesville, Wis.	WCLO	1230
Jasper, Ala.	WVWB	1360
WARF	1246	
Jasper, Ind.	WITZ	990
KTXJ	1350	
Jefferson City, Mo.	KLJK	950
KWOS	1240	
Jefferson City, Tenn.	WJFC	1480
WVXV	1450	
Jena, La.	KCKW	1480
Jennings, La.	KJEF	1290
Jerome, Idaho	KART	1400
Jerseyville, Ill.	WJBM	1480
Jesup, Ga.	WLOP	1370
John Day, Ore.	KJDY	1400
Johnson City, Tenn.	WJCV	910
WETB	790	
Johnston, S.C.	WJES	1250
Johnstown, N.Y.	WJAC	850
Johnstown, Pa.	WARD	1490
WCRO	1230	
Joliet, Ill.	WJOL	1340
WJRC	1510	
Joliet, Que.	CJLM	1350
Jonasboro, Ark.	KFSB	1310
KNEA	970	
Jonesboro, La.	KTOC	920
Jonesboro, Tenn.	WJSO	1590
Jonesville, La.	KANV	1480
Joplin, Mo.	WMBH	1450
KQYX	1560	
KJKB	1420	
KODE	1480	
KMBL	1450	
KJCK	1420	
KINY	800	
KJNO	630	
Kailua, Hawaii	KLEI	1130
Kalamazoo, Mich.	WKPR	1420
WKZJ	1230	
WKZL	1470	
WKMI	1360	
KGEZ	600	
KOFI	930	
Kane, Pa.	WKZA	960
Kankakee, Ill.	WKAN	1320
Kannapolis, N.C.	WRBL	870
WKAB	1480	
Kans. City, Kans.	CKKN	1348
Kans. City, Mo.	KGMO	810
KMBC	980	
KPRS	1590	
WDAF	610	
WHB	710	
WKAJ	1050	
Kaukauna, Wis.	KAML	990
Kenedy-Karnes City, Texas	KEKO	790
Kearney, Nebr.	KGFW	1340
KRNY	1460	
WINE	1290	
Keene, N.H.	WKBB	1480
KLOG	1490	
KEMER	950	

Location	C.L.	Kc.
Kendallville, Ind.	WAWK	1570
Kennedy, Tex.	KAML	990
Kennett, Mo.	KBOA	830
KBXN	1540	
Kennewick-Pasco-Richland, Wash.	KPR	610
Kenosha, Wis.	WLIP	1050
Kent, O.	WKNT	1520
Keokuk, Iowa	KOKX	1310
Kermit, Tex.	KERB	600
Kerrville, Tex.	KERV	1230
Kershaw, S.C.	WKSC	1300
Ketchikan, Alaska	KTKN	930
Kewanee, Ill.	WKEI	1450
Keyser, W.Va.	WKLP	1270
Key West, Fla.	WKWF	1600
WKIZ	1500	
Kilgore, Tex.	KOCA	1240
Killeen, Tex.	KLEN	1050
Kimball, Nebr.	KIMB	1230
King, N.C.	WKTE	1090
King City, Calif.	KRKC	1430
Kingman, Ariz.	KAAA	1290
Kings Mountain, N.C.	WKMT	1220
WKIN	1320	
WKPJ	1550	
WBAZ	1550	
Kingston, N.Y.	WGHQ	920
WKNY	1490	
Kingstree, S.C.	WDKD	1310
Kingsville, Tex.	KINE	1330
Kinston, N.C.	WELS	1010
WFTC	960	
KIPW	1450	
Kirkland, Wash.	KYAC	1480
KBLE	1050	
KIRX	1450	
Kissimmee, Fla.	WFIV	1080
Kittanning, Pa.	WACB	1380
Klamath Falls, Oreg.	KAGO	1150
KLAD	1450	
KFLD	960	
Knoxville, Iowa	KNIA	1320
Knoxville, Tenn.	WBIR	1240
WIVK	850	
WATE	620	
WKXV	900	
WNOX	990	
WROA	1490	
WIOU	1350	
WKOZ	1350	
WLNH	1350	
WEMJ	1490	
LaCrosse, Wis.	WKBH	1410
WGLX	1490	
KPEL	1420	
KVOT	1350	
KXKW	1520	
Lafayette, Tenn.	WEEN	1460
LaFollette, Tenn.	WLAF	1450
LaGrande, Oreg.	KLBM	1450
LaGrande, Ga.	WLAG	1240
WTRP	620	
LaGrange, Ill.	WTAQ	1300
LaGrange, Tex.	WJOT	1260
LaJunta, Colo.	KBZZ	1400
Lake Charles, La.	KLOU	1580
KPLC	1470	
KAOK	1440	
Lake City, Fla.	WDSR	1340
WGRB	960	
WJOT	1260	
Lake City, S.C.	WMIR	1550
Lake Geneva, Wis.	WLAK	1430
Lakeland, Fla.	WONN	1230
WWAB	1330	
Lake Placid, N.Y.	WIRD	920
Lake Providence, La.	KLPL	1050
Lake Tahoe, Calif.	KWJ	1430
Lakeview, Oreg.	KQIK	1230
Lake Wales, Fla.	WIPC	1280
Lakewood, Colo.	KLAK	1600
Lakewood Center, Wash.	KFHA	1480
WLIZ	1380	
Lake Worth, Fla.	WLIZ	1380
Lamar, Colo.	KLMR	920
KPFT	1390	
Lamesa, Tex.	KCYL	1450
Lancaster, Calif.	KAVL	610
KBVM	1380	
Lancaster, N.Y.	WMMJ	1300
Lancaster, Ohio	WHOK	1320
Lancaster, Pa.	WGAL	1490
WLAN	1390	
Lancaster, S.C.	WGLM	1560
WAGL	1560	
Lander, Wyo.	KOVE	1830
Landet, Ala.-W. Point, Ga.	WRLD	1440
WNPV	1490	
Lansdale, Pa.	WLSH	1410
Lansford, Pa.	WLS	1320
Lansing, Mich.	WJIM	1240
WITL	1010	

Location	C.L.	Kc.
Lapeer, Mich.	WMPK	1230
WTHM	1530	
LaPlata, Md.	WMSD	1560
LaPorte, Ind.	WLOI	1540
Laramie, Wyo.	KLME	1490
KOLA	1290	
KGNS	800	
KVOZ	1490	
Laredo, Tex.	KANS	1510
Larned, Kans.	WLPO	1220
LaSalle, Ill.	KOBE	1450
Las Cruces, N.Mex.	KGRY	570
KEMO	1460	
KLAV	1230	
KKIK	1340	
KRAM	920	
KLUC	1050	
KVEG	970	
Las Vegas, N.Mex.	KFUN	1230
LaTrobe, Pa.	WPKV	1570
WQTV	1570	
WTRA	1480	
Laurel, Md.	WJIM	800
Laurel, Miss.	WAML	1340
WLAU	1600	
WNSL	1260	
Laurens, S.C.	WLBG	860
Laurinburg, N.C.	WEWO	1080
WLNC	1300	
Lawrence, Kans.	KFKK	1250
KLWN	1330	
Lawrence, Mass.	WCCM	800
Lawrenceburg, Tenn.	WDXE	1370
Lawrenceville, Ga.	WLAW	1360
Lawrenceville, Ill.	WAKO	910
Lawrenceville, Va.	WLES	580
KSWO	1380	
KCOO	1350	
Leadville, Colo.	KBRR	1290
Leaksville, N.C.	WLOE	1490
Leavenworth, Kans.	KCLO	1410
Lebanon, Ky.	WLBW	1590
Lebanon, Mo.	KLWT	1230
Lebanon, Oreg.	KGAL	920
Lebanon, Pa.	WLBK	1270
Lebanon, Tenn.	WCOR	900
WLBG	790	
Leesburg, Fla.	WBIL	1410
WAGE	1290	
Leesburg, Va.	WAGE	1290
Leeville, La.	KLLA	1570
Leighton, Pa.	WYNS	1150
Leitchfield, Ky.	WMTL	1580
Leland, Miss.	WESY	1380
LeMars, Iowa	KLEM	1410
LeMoure, Calif.	KLAN	1320
KOAD	1240	
Lenoir, N.C.	WJRI	1340
Lenoir, Tenn.	WLIL	730
Lenoir City, Tenn.	WBLC	1360
Leonardtown, Md.	WKIK	1370
Levelland, Tex.	KLVT	1280
Levittown, Pa.	WBCB	1490
Lewisburg, Pa.	WNS	1240
Lewisburg, Tenn.	WJIM	1490
Lewisville, Idaho	KRLC	1350
KOZE	1300	
Lewiston, Maine	WCDD	1240
WLAM	1470	
Lewistown, Mont.	KXLO	1290
WKA	920	
WNR	1490	
Lexington, Ky.	WLAP	830
WLBG	1300	
WLK	590	
Lexington, Miss.	WXTN	1150
Lexington, Mo.	KLEX	1570
Lexington, Nebr.	KRVN	1010
Lexington, N.C.	WSDU	1450
Lexington, Tenn.	KFXS	490
Lexington, Va.	WREL	1450
Lexington Pk., Md.	WPTX	920
Libby, Mont.	KLCB	1230
KLIB	1470	
Liberal, Kans.	KSCB	1270
Liberty, Ky.	WPHN	1560
Liberty, N.Y.	WOS	1250
Liberty, Tex.	KIB	950
Lihue, Hawaii	KTOH	1490
Lima, Ohio	WIMA	1150
WCIT	940	
WPRC	1370	
Lincoln, Ill.	WLKN	1450
Lincoln, Mo.	KFOR	1240
Lincoln, Nebr.	WLB	1360
KLMS	1480	
KLOL	1530	
Lineolnton, N.C.	WLOI	1050
Linton, Ind.	WBTB	1600
Litchfield, Ill.	WSDI	1540
Litchfield, Minn.	KLFD	1410
Little Falls, Minn.	KLTF	960
Little Falls, N.Y.	WLB	1230
Littlefield, Tex.	KZZN	1490
Little Rock, Ark.	KARK	920
KALO	1250	
KRA	1010	
KROJ	1440	
KAAV	1090	
KLO	1050	
KDKO	1240	
Littleton, Colo.	KDKO	1240
Littleton, N. H.	WLTN	1400

Location	C.L.	Kc.	Location	C.L.	Kc.	Location	C.L.	Kc.	Location	C.L.	Kc.
Live Oak, Fla.	WNER	1250	Manchester, Ga.	WFDR	1370	WLOK	1340	Monks Corner, S. C.			
Livingston, Mont.	KPRK	1340	Manchester, Ky.	WVXL	1450	WMOQ	1480	Monett, Mo.	KRMO	990	WBEB
Livingston, Tenn.	WLIV	920	Manchester, N.H.	WFEE	1370	WREC	600	Monette, Ark.	KBIB	1560	KRMB
Livingston, Tex.	KEXX	1440		WGIR	610	KWAM	990	Monmouth, Ill.	WRAM	1330	WRRE
	KVLL	1220		WKBR	1250	KENA	1450	Monroe, Ga.	WMRE	1490	KMLB
Loek Haven, Pa.	WBZP	1230	Manchester, Tenn.	WMSR	1320	WGLC	1090	Monroe, La.	KMLB	1440	KLJC
Lockport, N.Y.	WUSJ	1340	Manhattan, Kans.	KSAC	580	WAGN	1340		KLJC	1230	KDMA
Lodi, Calif.	KOVN	1570		KMAN	1230	WOKK	1450	Monroe, Mich.	WGTE	560	KDMA
Logan, Utah	KVNU	610	Manistee, Mich.	WMTE	1340	KYOS	1480	Monroe, N.C.	WMAP	1060	WQAC
	KSTU	1300	Manistiquie, Mich.	WTIQ	1490	KWIP	1580	Monroe, Wis.	WEKZ	1260	KIDD
	KLGN	1390	Manitowoc, Wis.			WMMW	1470	Monroeville, Ala.	WMFC	1360	KMBY
	WLOG	1230		KCMS	1490	WCOC	910	Monterey, Calif.	KIDD	630	WQAC
	WVOW	1290		WCUB	980	WDAL	1330	Montevideo, Minn.	KDMA	1460	WQAC
Logansport, Ind.	WSAL	1280		WOMT	1240	WMOX	1010	Monte Vista, Colo.	KSUV	1240	WQAC
Lompoc, Calif.	KKOK	1410	Mankato, Minn.	KYSM	1230	WOKK	1450	Montezuma, Ga.	WMNZ	1050	WQAC
	KLOM	1330		KTQE	120	WQIC	1390	Montgomery, Ala.	WBAM	740	WQAC
	KNEZ	1400	Manning, S.C.	WYMB	1410	WKFA	1500		WAPX	1600	WQAC
	WFTG	960	Mansfield, La.	KDXI	1350	WMFT	730		WFCI	1170	WQAC
	KFOX	1280	Mansfield, Ohio	WMAN	1400	KBUZ	1310		WHYI	1440	WQAC
	KGER	1390		WCLW	1570	KALF	1510		WRMA	950	WQAC
	KLMO	1060	Maplewood, Minn.	WRCR	1010	WMOK	1360	Montgomery, W. Va.	WMON	1340	WQAC
	KLYO	1400	Maquoketa, Iowa	KMAC	1320	WMAC	1320	Monticello, Ark.	KHBM	1430	WQAC
	KFR0	1370	Marathon, Fla.	WFMJ	1320	WKBK	1500	Monticello, Fla.	WWSO	1090	WQAC
	KLH	1280	Marianna, Ark.	KZOT	1460	KXEO	1340	Monticello, Ky.	WFLW	1360	WQAC
	KEDO	1400	Marianna, Fla.	WTYS	1340	WJUN	1220	Montpelier, Ida.	WMEY	1450	WQAC
	KBAM	1270	Marietta, Ga.	WTOT	980	KIKO	1340	Montpelier-Barre, Vt.	WSKI	1240	WQAC
Lookout Mtn., Tenn.	WFLI	1070	Marietta, Fla.	WFOM	1230	WGBS	710	Montrose, Colo.	KUBC	580	WQAC
Lorain, Ohio	WWJZ	1380	Marietta, Ohio	WMOA	1490	WIOD	610	Montrose, Pa.	WPFL	1250	WQAC
Loretto, Pa.	WWSF	1400		WBR	110	WFAB	990	Mooresville, N.C.	WHIP	1350	WQAC
Loris, S.C.	WLSC	1570	Marine City Mich.	WDGO	1590	WAME	1268	Moorhead, Minn.	KVOX	1230	WQAC
Los Alamos, N. Mex.	KRSN	1490	Marionette, Wis.	WMAN	570	WOAH	1220	Moorhead, Ky.	WMOR	1380	WQAC
Los Angeles, Calif.	KABC	700	Marion, Ala.	WJAM	1310	WQAM	560	Morgan City, La.	KMRC	1430	WQAC
	KFI	640	Marion, Ill.	WGGH	1150	WSKP	1450	Morganfield, Ky.	WMKS	1550	WQAC
	KHJ	930	Marion, Ind.	WBAT	1400	WINZ	940	Morgantown, N.C.	WMNC	1430	WQAC
	KFWB	980		WMRI	860	WGLC	910	Morgantown, W. Va.	WAJR	1440	WQAC
	KGFJ	1230	Marion, N.C.	WBRM	1250	WMBM	1490	Morrilton, Ark.	WCLG	1300	WQAC
	KFAC	1330	Marion, Ohio	WMBN	1400	WKAT	1360	Morris, Ill.	KVOM	800	WQAC
	KLAC	570	Marion, S.C.	WATP	1430	WFUN	790	Morris, Minn.	KMRS	1250	WQAC
	KMPC	710	Marion, Va.	WMEV	1010	WIMS	1420	Morristown, N.J.	WMTR	1250	WQAC
	KNX	1070		WOLD	133	WMO	1390	Morristown, Tenn.	WCRK	1150	WQAC
	KPOL	1540	Marked Tree, Ark.	KPCA	1580	WMIK	560	Morton, Tex.	KRAN	1300	WQAC
	KGBS	1020	Marksville, La.	KAPB	1370	WMX	1380	Moscow, Idaho	KRPL	1400	WQAC
	KRKO	1150	Marlborough, Mass.	WSRO	1470	WMO	1390	Moses Lake, Wash.	KIQW	1260	WQAC
	KLBS	1330	Marquette, Mich.	WDMJ	1320	WMNL	1340	Moss Point, Miss.	WACY	1460	WQAC
Los Banos, Calif.	WYRN	1480	Marshall, Mich.	WMBR	1430	WMNL	1340	Moulton, Ala.	WLCB	1530	WQAC
Louisburg, N.C.	WPEH	1420	Marshall, Minn.	KMHL	1400	WPFB	910	Moultrie, Ga.	WMGA	1400	WQAC
Louisville, Ga.	WAVE	970	Marshall, Mo.	KMMO	1300	WMDN	1490	Moultrie, Ga.	WMGA	1400	WQAC
Louisville, Ky.	WKY	790	Marshall, N.C.	WMMH	1450	WMDN	1490	Moundsville, W. Va.	WEIF	1370	WQAC
	WHAS	840	Marshall, Tex.	KMHT	1460	KCRS	550	Mountain Grove, Mo.	KLRS	1360	WQAC
	WKLO	1080		KDOX	1410	KJCB	1150	Mountain Home, Ar.	KTLO	1490	WQAC
	WNN	1240	Marshalltown, Iowa	KFJB	1230	KWEL	1440	Mountain Home, Ida.	KFLI	1240	WQAC
	WFIA	900	Marshalltown, Iowa	KFJB	1230	KABH	1510	Mt. Airy, N.C.	WPAQ	740	WQAC
	WLTO	1350	Marshalltown, Iowa	WDLB	1450	KBK	1600	Mt. Carmel, Ill.	WVCM	1360	WQAC
	WMTT	620	Martin, Tenn.	WCMT	1410	KATL	1340	Mt. Clemens, Mich.	WBRB	1430	WQAC
	WLSM	1270	Martinsburg, W. Va.	WPEM	1340	WFIF	1500	Mt. Dora, Fla.	WVGT	1580	WQAC
	KLOV	1570		WVHE	1370	WWSB	990	Mt. Holly, N.J.	WJZZ	1460	WQAC
	WLUV	1520	Marysville, Mo.	KNIM	1580	WMRC	1490	Mt. Jackson, Va.	WSIG	790	WQAC
	KLEA	630	Marysville, Calif.	KMYC	1410	WMLD	1450	Mt. Kisco, N.Y.	WDJP	1310	WQAC
	WCAP	980	Marysville, Kans.	KNDY	1570	WMSR	1320	Mt. Olive, N.C.	WVJS	1480	WQAC
	WLLH	1400	Marysville, Mich.	WMA	1400	WMLD	1450	Mt. Pleasant, Mich.	WCEN	1150	WQAC
	KCBD	1590	Mason City, Iowa	KGLD	1300	WMLD	1450	Mt. Pleasant, Tex.	KIMS	960	WQAC
	KDAV	580		KRIB	1490	WMLD	1450	Mt. Shasta, Calif.	KWSD	620	WQAC
	KLBK	1340	Massena, N.Y.	KSMN	1010	WSRA	1490	Mt. Sterling, Ky.	WMST	1150	WQAC
	KFYO	790		WMSA	1340	WMLP	1380	Mt. Vernon, Ill.	WMIX	940	WQAC
	KLL	1460	Massillon, Ohio	WYBG	1050	WMLP	1380	Mt. Vernon, Ind.	WPCC	1590	WQAC
	KSEL	950	Massillon, Ohio	WYBG	1050	WMLP	1380	Mt. Vernon, Ky.	WRVK	1460	WQAC
	WHHT	1440	Matawan, W. Va.	WJJC	1860	WMLP	1380	Mt. Vernon, Ohio	WMVO	1300	WQAC
	WKLA	1450	Mattson, Ill.	WLBH	1170	WMLP	1380	Mt. Vernon, Wash.	KBRK	1430	WQAC
	KRBA	1340	Mauston, Wis.	WRJC	1270	WMLP	1380	Muleshoe, Tex.	KMUL	1380	WQAC
	KTRB	1420	Mayaguez, P.R.	WAEI	600	WMLP	1380	Mullins, S.C.	WJAY	1280	WQAC
	WAGR	580		WKBJ	710	WMLP	1380	Muncie, Ind.	WLBC	1340	WQAC
	WTSB	1340		WOR	760	WMLP	1380	Munfordville, Ky.	WLOC	1150	WQAC
	WBA	1340		WPRA	990	WMLP	1380	Munising, Mich.	WGOA	1400	WQAC
	WLVA	590		WYFL	1300	WMLP	1380	Murfreesboro, N. C.	WVDR	1080	WQAC
	WLL	930	Mayfield, Ky.	WYFL	1300	WMLP	1380	Murfreesboro, Tenn.	WVDR	1080	WQAC
	WDMS	1320	Mayodan, N.C.	WMYN	1420	WMLP	1380		WVDR	1080	WQAC
	WR0D	1390	Maysville, Ky.	WFTM	1240	WMLP	1380		WVDR	1080	WQAC
	WBRG	1050	McAlester, Okla.	KTMC	1400	WMLP	1380		WVDR	1080	WQAC
	WLYN	1860		KNEI	1150	WMLP	1380		WVDR	1080	WQAC
	WBET	1340	McAllen, Tex.	KRIO	910	WMLP	1380		WVDR	1080	WQAC
	WKAI	1510	McCall, Ida.	KMCL	1240	WMLP	1380		WVDR	1080	WQAC
	WBML	1240	McCamey, Tex.	KAMY	1450	WMLP	1380		WVDR	1080	WQAC
	WCRT	900	McComb, Miss.	WHNY	1250	WMLP	1380		WVDR	1080	WQAC
	WBB	1280		WAPF	980	WMLP	1380		WVDR	1080	WQAC
	WMAZ	940	McCook, Nebr.	KBRL	1300	WMLP	1380		WVDR	1080	WQAC
	WNE	1400		KWRV	1360	WMLP	1380		WVDR	1080	WQAC
	WMB	1400	McGehee, Ark.	KVSA	1220	WMLP	1380		WVDR	1080	WQAC
	KTI	1560	McKeesport, Pa.	WEDO	810	WMLP	1380		WVDR	1080	WQAC
	WJR	1230		KVSA	1220	WMLP	1380		WVDR	1080	WQAC
	KHOT	1250	McKenzie, Tenn.	WHDM	1440	WMLP	1380		WVDR	1080	WQAC
	KMAT	1550	McKinney, Tex.	KMAE	1600	WMLP	1380		WVDR	1080	WQAC
	WMAF	1230	McMinnville, Ore.	KMCD	1260	WMLP	1380		WVDR	1080	WQAC
	WYTH	1250	McMinnville, Tenn.	WBMC	960	WMLP	1380		WVDR	1080	WQAC
	WORX	1270		WAKI	1230	WMLP	1380		WVDR	1080	WQAC
	KJAM	1390	McPherson, Kans.	KNEX	1540	WMLP	1380		WVDR	1080	WQAC
	WEND	430	Medford, Mass.	WHIL	1438	WMLP	1380		WVDR	1080	WQAC
	WHA	750	Medford, Ore.	KMED	1440	WMLP	1380		WVDR	1080	WQAC
	WIBA	1310		KSHA	860	WMLP	1380		WVDR	1080	WQAC
	WISM	1480		KDOV	1300	WMLP	1380		WVDR	1080	WQAC
	WKOW	1070		KBOY	730	WMLP	1380		WVDR	1080	WQAC
	WMA	1550		KYJC	1230	WMLP	1380		WVDR	1080	WQAC
Madisonville, Ky.	WFMW	730		WIGM	1450	WMLP	1380		WVDR	1080	WQAC
	WTTI	1310		WXUR	690	WMLP	1380		WVDR	1080	WQAC
	WSJC	810		WMBB	1240	WMLP	1380		WVDR	1080	WQAC
	KVMA	630		WHBB	560	WMLP	1380		WVDR	1080	WQAC
	KNUI	1310		WHER	1430	WMLP	1380		WVDR	1080	WQAC
	KCTB	1470		WMC	790	WMLP	1380		WVDR	1080	WQAC
	WICY	1490		WDIA	1070	WMLP	1380		WVDR	1080	WQAC
	KBOK	1310		WMPS	680	WMLP	1380		WVDR	1080	WQAC
	WPRW	1469									

WHITE'S RADIO LOG

Location	C.L.	Kc.
Nampa, Idaho	KFXD	580
	KAIN	1340
Nanticoke, Pa.	WNAK	730
Napa, Calif.	KVON	440
Naples, Fla.	WNOG	1270
Narrows, Va.	WNRV	990
Nashua, N.H.	WOTW	900
	WSMN	1590
Nashville, Ark.	KBHC	1260
Nashville, Ga.	WNGA	1600
Nashville, Tenn.	WKDA	1240
	WLAC	1510
	WFLA	1300
	WNAH	1360
	WSIX	980
	WSM	650
	WVGM	1560
Nassau, Bahamas	ZNS-2	1240
Natchez, Miss.	WMIS	1240
	WNAT	1450
Natchitoches, La.	WKIC	1450
Naugatuck, Conn.	WOWW	860
Navosota, Tex.	WKBC	1550
Nebraska City, Nebr.		
	KNCY	1600
Needles, Calif.	KSFE	1340
Neenah, Wis.	WNAM	1280
Neillsville, Wis.	WCQN	1370
Neon, Ky.	WKY	1480
Neosho, Mo.	KBTN	1420
Nevada, Mo.	KNEM	1240
New Albany, Ind.	WNUW	1570
	WNIR	1290
New Albany, Miss.	WNAU	1470
Newark, Del.	WNRK	1260
Newark, N.J.	WJRZ	970
	WJRC	1430
	WVNI	620
Newark, N.Y.	WACK	1420
Newark, Ohio	WCLE	1430
New Bedford, Mass.	WBSM	1420
	WNBH	1340
New Bern, N.C.	WHIT	1450
	WRNB	1490
Newberry, S.C.	WKDK	1240
New Boston, Ohio	WIOI	1010
New Braunfels, Tex.	KGNB	1420
New Britain, Conn.		
	WRCH	910
	WRYM	840
New Brunswick, N.J.		
	WCTC	1450
Newburgh, N.Y.	WGNV	1220
Newburyport, Mass.	WBSP	1470
New Castle, Ind.	WCTW	1550
New Castle, Pa.	WKST	1280
Newcastle, Wyo.	KASL	1240
New City, N. Y.	WRKL	910
New Haven, Conn.	WAVZ	1300
	WELI	960
	WHPJ	1340
New Iberia, La.	KANE	1240
	KVIM	1360
New Kensington, Pa.		
	WKPA	1150
New London, Conn.	WNLC	1510
New Martinsville, W. Va.		
	WETZ	1330
	WCOH	1400
Newnan, Ga.	WNEA	1300
	WDSU	1280
New Orleans, La.	WNNR	990
	WBOK	800
	WNOE	1060
	WSMB	1350
	WSPS	1450
	WSHO	1230
	WTIX	690
	WWL	770
	WWOM	600
	WYLD	940
Newport, Ark.	KNEY	1280
Newport, N.H.	WNH	1010
Newport, Oreg.	KNPT	1310
Newport, R.I.	WADK	1540
Newport, Tenn.	WLK	1270
Newport, Vt.	WIKE	1490
Newport News, Va.	WGHI	1310
	WTID	1270
Newport Richey, Fla.	WGUL	1500
New Richmond, Wis.		
	WIXK	1590
New Roads, La.	KWRG	1500
New Rochelle, N. Y.	WVOX	1460
New Smyrna Beach, Fla.		
	WSBB	1230
	WQRT	1510
Newton, Iowa	KCOB	1280

Location	C.L.	Kc.
Newton, Kans.	KJRG	950
Newton, Miss.	WBKN	1410
Newton, N.J.	WNJN	1360
Newton, N.C.	WNNC	1230
New Ulm, Minn.	KNUJ	860
New York, N.Y.	WABC	770
	WADO	1280
	WBNX	1380
	WCBS	880
	WEVD	1330
	WHN	1050
	WHOM	1480
	WINS	1010
	WLIB	1190
	WMCA	570
	WNBC	660
	WNEW	1130
	WNYC	930
	WOR	710
	WOPW	1330
	WVRL	1600
Niagara Falls, N.Y.	WHLR	1270
	WJLL	1440
Niceville-Valparaiso, Fla.		
	WNMS	1340
Nicholasville, Ky.	WNVL	1250
Niles, Mich.	WNIL	1290
Niles, Ohio	WNIO	1540
Noales, Ariz.	KNOD	1340
Nome, Alaska	KICY	850
Norfolk, Va.	WJAG	780
Norfolk, Nebr.	WTAR	790
	WCMS	1050
	WNOR	1230
	WRAP	850
Normal, Ill.	WLOK	1440
Norman, Okla.	WNAO	640
	KNOR	1400
Norristown, Pa.	WNAR	1110
N. Adams, Mass.	WMNB	1230
N. Atlanta, Ga.	WATY	680
N. Augusta, S.C.	WGUS	1380
	WFNL	1600
	WTHB	1550
North Bend, Oreg.	KFIR	1340
North Charleston, S.C.		
	WNCG	910
Northampton, Mass.		
	WHMP	1400
Northfield, Minn.	WCAL	770
N. Little Rock, Ark.	KDXE	1380
	KXLR	1150
	KJLT	970
North Platte, Nebr.	KNOP	1410
	KODY	1240
No. Syracuse, N. Y.	WSOQ	1220
N. Vernon, Ind.	WOCH	1460
Northwestern, Ind.	WNWI	1080
No. Wilkesboro, N.C.		
	WKBC	810
	KNBI	1330
Norton, Va.	WNVA	1350
Norwalk, Conn.	WNLK	1350
Norwich, Conn.	WICH	1310
Norwich, N.Y.	WCHN	970
Oakdale, La.	KREH	900
Oakes, N. Dak.	KEYD	1220
Oak Grove, La.	KWGL	1280
Oak Hill, W. Va.	WOAY	860
Oakland, Calif.	KWB	910
	KABL	960
	KDIA	1310
Oakland, Md.	WMSG	1050
Oakland Park, Fla.	WIXX	1520
Oak Park, Ill.	WOPA	1490
Oak Ridge, Tenn.	WATO	1290
Ocala, Fla.	WMOF	900
	WTMC	1290
	WWKE	1370
Ocean City, Md.	WETT	1590
Ocean City, Somers Pt., N.J.		
	WSLT	1520
Oceanlake, Oreg.	KBOB	1380
Oceanside, Calif.	KUDE	1320
Ocilla, Ga.	WSIZ	1380
Odessa, Tex.	KECK	920
	KOSA	1230
	KOYL	1310
	KOGA	990
Oelwein, Iowa	KLO	1430
Ogallala, Nebr.	KANN	1250
Ogden, Utah	KSNV	730
	KVOG	1490
Ogdensburg, N.Y.	WSLB	1400
Oil City, Pa.	WKRZ	1340
Okeechobee, Fla.	WOKC	1570
Okla. City, Okla.	KBYE	890
	KLFR	1140
	KODY	1340
	KOMA	1520
	KTKO	1000
	KJEM	800
	WKY	930
Okmulgee, Okla.	KOKL	1240
Old Saybrook, Conn.	WLIS	1420
Olean, N.Y.	WMNS	1360
	WHDL	1450
Olney, Ill.	WVNL	740
Olympia, Wash.	KGY	1240

Location	C.L.	Kc.
Omaha, Nebr.	KITN	920
	KBON	1490
	KEAB	1110
	KOIL	1290
	KOAO	1420
	KOWH	660
	WOW	590
Omak, Wash.	KOMW	680
Oneida, N.Y.	WMCR	1600
Oneida, Tenn.	WFB	1310
O'Neill, Nebr.	KBRX	1350
Oneonta, Ala.	WCRL	1570
Oneonta, N.Y.	WDOS	730
Ontario, Calif.	KASK	1510
Ontario, Oreg.	KSRV	1380
Opelika, Ala.	WPHO	1400
Opeleous, La.	KSLO	1230
Opp, Ala.	WAMI	860
Opportunity, Wash.	KZUN	630
Orange, Mass.	WCAT	1390
Orange, Tex.	KOGT	1600
Orange, Va.	WJMA	1340
Orangeburg, S.C.	WDIX	1150
	WORJ	1520
	WTND	980
Orange Park, Fla.	WYAB	550
Ord, Neb.	KMI	1060
Oregon City, Oreg.	KVMN	1520
Orlando, Fla.	WDBO	580
	WHOO	990
	WHYI	1270
	WLOF	950
	WKIS	740
Ormond Beh., Fla.	WQW	1380
Orofino, Idaho	KLER	950
Oroville, Calif.	KAOR	1340
Ortonville, Minn.	KDIO	1350
Osage Beh., Mo.	KRMS	1150
Oseola, Ark.	KOSE	860
Oshkosh, Wis.	WOSH	1490
Oskaloosa, Iowa	KBOE	740
Oswego, N.Y.	WSDO	1440
Othello, Wash.	KRSC	1400
Ostego, Mich.	WAOP	980
Ottawa, Ill.	WCMY	1430
Ottawa, Kans.	KOFO	1220
Ottumwa, Iowa	KBIZ	1240
	KLEE	1480
Owatonna, Minn.	KRFQ	1390
Owego, N.Y.	WBOB	1330
Owensboro, Ky.	WOMI	1490
	WVJS	1420
	WOAP	1080
Oxford, Miss.	WSUH	1420
Oxford, N.C.	WOFX	1340
Oxnard, Calif.	KOXR	910
Ozark, Ala.	WOKZ	900
Paducah, Ky.	WKYX	570
	WPAD	1450
	KPGE	1340
Page, Ariz.	WPVL	1460
Painesville, Ohio	WSP	1490
Paintsville, Ky.	WSPF	1260
Palatka, Fla.	WSUJ	800
Palestine, Tex.	KNT	1450
Palm Beh., Fla.	WQXT	1340
Palm Sprgs., Calif.	KCMJ	1010
	KDES	920
	KPAL	1450
Palmdale, Calif.	KUTY	1470
Palo Alto, Calif.	KIBE	1220
Pampa, Tex.	KPDN	1340
	KHHH	1290
Panama Beach, Fla.		
	WGNB	1480
	WSCM	1290
Panama City, Fla.	WDLP	590
	WPCF	1430
Paoli, Ind.	WVAK	1560
Paradise, Calif.	KNLG	980
Paragould, Ark.	KDRS	1490
Paris, Ark.	KCCL	1460
Paris, Ill.	WPRS	1440
Paris, Ky.	WPDE	1440
Paris, Tenn.	WTPR	710
Paris, Tex.	KPLT	1490
	KFTY	1250
Parkersburg, W. Va.	WGEP	1050
	WPKW	1450
	WTAP	1420
Park Falls, Wis.	WPFP	1250
Park Rapids, Minn.		
	KPRM	1240
Parsons, Kans.	KLKC	1540
Pasadena, Cal.	KPPC	1240
	KRVL	1110
	KPLW	1300
Pasadena, Tex.	KLVL	1420
	KIKK	650
Pascagoula-Moss Point, Miss.	WPMP	1580
Paseo, Wash.	KORD	910
	KGRS	1340
Paso Robles, Calif.	KPRL	1230
Patchogue, L.I., N.Y.		
	WALK	1370
	WPAC	1580
Paterson, N.J.	WPAT	930
Pauls Valley, Okla.	KVLH	1470
Pawhuska, Okla.	KOSG	550
Pawtucket, R.I.	WXTR	1500

Location	C.L.	Kc.
Payette, Ida.	KYET	1450
Pearsall, Tex.	KVWG	1280
Peas, Tex.	KJUN	1410
Peekskill, N.Y.	WLNA	1420
Pekin, Ill.	WSIV	1140
Pell City, Ala.	WFHK	1430
Pendleton, Oreg.	KTIX	1240
	KUMA	1290
Pennington Gap, Va.		
	KSUV	1570
Pensacola, Fla.	WBOP	980
	WBSR	1540
	WMEL	610
	WNVY	1230
	WCOA	1370
Peoria, Ill.	WAAP	1350
	WMBD	1470
	WIRL	1290
	WPEO	1020
Perry, Fla.	WPRY	1400
	WGKR	1310
Perry, Ga.	WPGA	980
Perry, Iowa	KDLS	1310
Perryton, Tex.	KEYE	1400
Peru, Ind.	WARU	1600
Petaluma, Calif.	KTOB	1490
Petersburg, Va.	WSSY	1240
Petoskey, Mich.	WBSN	1340
Phenix City, Ala.	WPNX	1460
Philadelphia, Miss.	WHOC	1490
Philadelphia, Pa.	KYW	1060
	WCAU	1210
	WDAS	1480
	WFIL	580
	WFLN	900
	WHAT	1340
	WHOC	1490
	WIBG	990
	WJP	610
	WPEN	950
	WRCP	1540
	WTEL	860
Phillipsburg, Pa.	WVW	1490
Phillipsburg, Kans.	KKAN	1490
Phoenix, Ariz.	KIFN	860
	KXIV	1400
	KHAT	1480
	KHEP	1280
	KCAC	1010
	KOY	550
	WQAT	960
	KPHO	910
	KUEQ	740
	KRIZ	1230
	KTAR	620
Phoenix City, Ala.		
	WPNX	1460
Piedmont, Ala.	WPD	1250
Pierre, S. Dak.	KGFX	630
	KCCR	1240
Pikeville, Ky.	WLSI	900
	WPKE	1240
Pine Bluff, Ark.	KCLA	1400
	KADL	1270
	KOTN	1410
	KPTN	1530
	KPBA	1590
Pine City, Minn.	WCMP	1350
Pineclaw Park, Fla.	WFSP	570
Pineville, Ky.	WMLF	1230
Pineville, W. Va.	WVYO	970
Pipestone, Minn.	KLOH	1050
Piqua, Ohio	KPT	1570
Pittsburg, Calif.	KKIS	990
Pittsburg, Kans.	KOAM	860
	KSEK	1340
Pittsburgh, Pa.	KDKA	1020
	KQV	1420
	WAMC	860
	WIAS	1320
	WPIJ	730
	WRYT	1250
	WEEP	1080
	WWSW	970
Pittsfield, Ill.	WBBA	1580
Pittsfield, Mass.	WBEC	1420
	WBRK	1340
Pittston, Pa.	WPTS	1540
Plainfield, N.J.	WERA	1590
Plainview, Tex.	KVOP	1400
Plant City, Fla.	WPLA	910
Platteville, Wis.	WSWV	1590
Plattsburg, N.Y.	WEAV	960
	WVY	1340
Pleasanton, Tex.	KBOB	1350
Pleasantville, N.J.	WOND	1400
Plymouth, Ind.	WTCO	1050
Plymouth, Mass.	WPLM	1390
Plymouth, N.C.	WPNC	1470
Plymouth, N.H.	WPNH	1300
Plymouth, Wis.	WVY	1420
Pocahontas, Ark.	KPOC	1420
Pocatello, Idaho	KSEI	950
	KWIK	1240
	KSNM	1290
Pocomoke City, Md.	WDMV	540
Pomona, Calif.	KWOW	1600
	KKAR	1220
Pompton Lakes, N. J.	WKER	1500
Pompano Beach, Fla.	WLOD	980
	WRBD	1470

Location	C.L.	Kc.	Location	C.L.	Kc.	Location	C.L.	Kc.	Location	C.L.	Kc.
Ponea City, Okla.	WBBZ	1230	Putnam, Conn.	WJNY	1350	Rochester, Minn.	KWEB	1270	St. Mary's, Pa.	WKBI	1400
Ponee, P.R.	WPPR	910	Puyallup, Wash.	KPUY	1450		KOLM	1520	St. Paul, Minn.	KSTP	1500
	WEUC	1420	Quanah, Tex.	KOLJ	1150		KWEB	1270		KDWB	630
	WPAB	550	Quantico, Va.	WQVA	1530	Rochester, N.H.	WWNH	930		WMIN	1400
	WLEO	1170	Quincy, Calif.	KQCY	500	Rochester, N.Y.	WBBF	950		WMKT	1370
	WJGO	1260	Quincy, Fla.	WCNH	1230		WHAM	1180	St. Peter, Minn.	KRBI	1310
Pontiac, Ill.	WPON	1460	Quincy, Ill.	WQEM	1440		WHK	1460	St. Petersburg, Fla.	WSPJ	680
Pontiac, Mich.	WSEL	1440		WTAD	930		WNYR	680		WSUN	620
Pontotoc, Miss.	WSPD	1460	Quincy, Wash.	WJDA	1300		WSAY	1370		WLKY	1380
Pooli, Ind.	WVAK	1560	Quitman, Ga.	KPOR	1370	Rockford, Ill.	WROC	1280	St. Petersburg Beach, Fla.	WILZ	1590
Poplar Bluff, Mo.	KWOC	930	Racine, Wis.	WSFB	1490		WRCK	1440		WILZ	1590
	KLID	1340		WRAC	1460		WJRL	1150	Salamanca, N.Y.	WGGO	1580
Poplarville, Miss.	WRPM	1340		WRIN	1400	Rockford, Mich.	WRRR	1930	Salem, Ill.	WJBD	1350
Portage, Mich.	WTPS	1560	Radford, Va.	WRAD	1460	Rock Hill, S.C.	WJPW	810	Salem, Ind.	WPHI	1440
Portage, Pa.	WVML	1470	Radford, N.C.	WSHB	1400		WTKI	1150	Salem, Mass.	WESX	1250
Portage, Wis.	WPDR	1350	Raleigh, N.C.	WKIX	850		WNOH	1550	Salem, Mo.	KSMO	1540
Portageville, Mo.	KMIS	1050		WPTF	680	Roekingham, N.C.	WAYN	900	Salem, N. J.	WJIC	1310
Portales, N.Mex.	KENM	1450		WLEE	570	Rock Island, Ill.	WHBF	1270	Salem, O.	WSOM	600
Port Angeles, Wash.	KAPY	1000		WRNC	1240	Rockland, Maine	WRKD	1450	Salem, Ore.	KLSM	1390
	KONP	1450		KCLR	1530	Rockmart, Ga.	WPLK	1220		KAPT	1220
Port Arthur, Tex.	KOLE	1340	Ralls, Tex.	WRTL	1460	Rock Springs, Wyo.	KVRS	1360		KBZY	1490
Porter, Mich.	KTIP	1450	Rantoul, Ill.	KOTA	1360	Rockville, Md.	WINX	1600		WYAP	1490
Porterville, Calif.	KACY	1520	Rapid City, S.Dak.	KIMM	1150	Rockwood, Tenn.	WHK	590	Salem, Va.	WVAP	1490
Port Hueneme, Calif.	WHLS	1450		KRSD	1340	Rocky Ford, Colo.	KAVI	1320	Salida, Colo.	KVRH	1340
Port Huron, Mich.	WTHH	1380		KEZU	920	Rocky Mount, N.C.	WEED	1390	Salina, Kans.	KSAL	1150
Port Jervis, N.Y.	WDLC	1490	Raton, N.Mex.	KRTN	1490		WRMT	1490		KFRM	550
Port Lavaca, Tex.	KGUL	1560	Ravenswood, W.Va.	WMOV	1360		WKWS	1290	Salinas, Calif.	KDON	1460
Portland, Ind.	WCSH	970	Rawlins, Wyo.	KRAL	1240	Rocky Mount, Va.	WYTT	1570		KSBW	1380
Portland, Maine	WGAN	560	Raymond, Wash.	KAPA	1340	Rogers, Ark.	KAMO	1390	Salinas, Calif.	KCTV	1290
	WLOB	1310	Raymondville, Tex.	KSOX	1240	Rogers City, Mich.	WHK	590	Salina, Mich.	WOIB	1290
	WFOR	1490	Rayville, La.	KRIH	990	Rogersville, Tenn.	WRGS	1370	Salisbury, Md.	WBOC	960
Portland, Ore.	KBPS	1450	Reading, Pa.	WEUU	850	Rolla, Mo.	KCLU	1590		WICO	1320
	KBEV	1010		WHUM	1240		KTRR	1490		WJDY	1470
	KLQJ	1290	Redding, Calif.	WRAD	1330	Rome, Ga.	WLAQ	1410	Salisbury, N.C.	WSTP	1490
	KEX	1190		KRBE	1230		WYIN	1360		WSAT	1280
	KGW	620		KRAH	1330	Rome, N.Y.	WRGM	710	Salmon, Idaho	KSRA	960
	KOIN	970		KQMS	1400		WRNY	1350	Salt Lake City, Utah	KALL	910
	KPAM	1410		KQCV	600	Ronceverte, W.Va.	WRON	1400		KCPX	1320
	KPDQ	800	Red Bluff, Calif.	KVIP	540	Roseau, Minn.	KRWB	1410		KLUB	570
	KPOJ	1330	Redfield, S.Dak.	KBLF	1490	Roseburg, Ore.	KRRR	1490		KNAK	1280
	KWJ	1080	Redlands, Calif.	KCAL	1410		KQEN	1240		KSL	1160
Port Neches, Tex.	KPNG	1150	Red Lion, Pa.	WGCB	1440		KRXL	1250		KSOP	1370
Portsmouth, N.H.	WBBX	1380	Red Lodge, Mont.	KRBA	1390	Rosenberg, Tex.	KYFS	950		KSSX	630
	WHEB	750	Redmond, Ore.	KPRB	1240	Rosenvelt, N.M.	KFRD	980		KWHD	860
Portsmouth, Ohio	WPAV	1400	Red Wing, Minn.	KCUK	1250	Roswell, N.Mex.	KRDD	1320	San Angelo, Tex.	KTEO	1340
	WNXT	1260	Redwood Falls, Minn.	KLGR	1490		KRSP	980		KGKL	960
Portsmouth, Va.	WHIH	1400	Reedsburg, Wis.	WRDB	1400		KWRY	1230		KPEP	1420
	WFMH	1010	Reedsport, Ore.	KRAF	1470		KBIM	910	San Antonio, Tex.	KWFR	1260
	WAVY	1350	Reidsville, N.C.	WFRC	600		KRSD	1320		KAPE	1480
Port Washington, Wis.	WGLB	1560		WREW	1220		KRIK	960		KBAT	680
Post, Tex.	KPOS	1370	Remsen, N.Y.	WREM	1480	Roxboro, N.C.	WRXO	1430		KBER	1150
Poteau, Okla.	KLCO	1280	Reno, Nev.	KOH	630	Royal Oak, Mich.	WEXL	1340		KCOR	1350
Potomac-Cabin John, Md.	WXLN	950		KBET	1340	Rugby, N. Dak.	KGCA	1450		KITE	930
	KOAL	1230		KOLO	920	Ruidoso, N.Mex.	KRRR	1340		KUKA	1250
Potosi, Mo.	WPDM	1470		KONE	1450	Rumford, Me.	WRUN	790		KUBO	1310
Potsdam, N.Y.	WPAP	1370	Rensselaer, Ind.	KCBN	1280	Rupert, Idaho	KAYT	970		KMAC	630
Pottstown, Pa.	WPAM	1450	Rensselaer, N.Y.	WREN	560	Rushton, La.	KRYE	1490		KONO	860
Pottsville, Pa.	WPPA	1360	Renton, Wash.	KREN	1420	Rusk, Texas	KRTA	580		KSA	580
	WDEK	1390	Rexburg, Idaho	KRXK	1230	Russell, Kans.	KRSL	990	San Bernardino, Calif.	KCKC	1350
Poughkeepsie, N.Y.	WKIP	1450	Rhineland, Wis.	WOBT	1240	Russellville, Ala.	WWRW	920		KFXM	1590
Powell, Wyo.	KPOW	1260	Rice Lake, Wis.	WJMC	1240	Russellville, Ark.	KXRR	1490		KRNO	1240
Poynette, Wis.	WIBU	1240	Richfield, Minn.	WPBC	980	Russellville, Ky.	WRUS	610		KMEN	1280
Prairie du Chien, Wis.	WPRE	980	Richfield, Utah	KSCV	980	Rutland, Vt.	WHWB	1000		KMTA	580
Pratt, Kan.	KWNS	1290	Richland, Wash.	WRCO	1450	Sacramento, Calif.	WYSB	1380	Sandersville, Ga.	KWTO	1400
Prentiss, Miss.	WKPO	1510	Richlands, Va.	WRIC	540		KRTA	1320	San Diego, Calif.	KCBQ	1170
Prescott, Ariz.	KYCA	1490	Richmond, Ind.	WKBV	1490		KFGM	1530		KFMB	760
	KENT	1340	Richmond, Ky.	WEKY	1340		KJAY	1430		KOGO	800
	KNOT	1450		WANT	990		KRAK	1140		KGB	1360
	KTPA	1370		WBEL	1480		KROY	1240		KSON	1240
Prescott, Ark.	WAGM	950		WLEE	1480	Safford, Ariz.	KXOA	1470	Sandpoint, Idaho	KSI	1400
Presque Isle, Me.	WEGP	1390		WEET	1320		KGLI	1460	Sand Spring, Okla.	KTOW	340
Preston, Idaho	KPST	1340		WGOE	1590	Sag Harbor, N.Y.	WNLG	1600	Sandusky, Ohio	WLEC	1450
Prestonsburg, Ky.	WPRT	960		WMBG	1380	Saginaw, Mich.	WKNX	1210	San Fernando, Calif.	KGIL	1260
	WDOC	1310		WRNL	910		WSAM	1400	Sanford, Fla.	WTRR	1400
Priest, Utah	WSTM	1270		WRVA	1140		WSGW	790	Sanford, Me.	WSME	1220
Prichard, Ala.	WSM	1270		WXGI	950	St. Albans, Vt.	WWSR	1420	Sanford, N.C.	WEYE	1290
Prince Albert, Sask.	KCBJ	900	Richwood, W.Va.	WVAR	1280	St. Albans, W.Va.	WKLC	1300		WWGP	610
Princeton, Ill.	WROE	1490	Ridgecrest, Calif.	KRCK	1360	St. Augustine, Fla.	WFTJ	1240	San Francisco, Calif.	KFRG	1050
Princeton, Ind.	WZAY	1250		KLOA	1240	St. Charles, Mo.	KADY	1460		KCBS	740
Princeton, Ky.	WPKY	1580	Ridgeland, S.C.	WBUG	1430	St. Cloud, Minn.	KFAM	1450		KFXM	1100
Princeton, N.J.	WHWH	1350	Rio Piedras, P.R.	WUNO	1320		WJON	1240		KGO	810
Princeton, W.Va.	KLOH	1490		WRAI	1190	Ste. Genevieve, Mo.	KSGM	1340		KNBR	680
Prineville, Ore.	KPCO	680	Ripley, Miss.	WSPA	1260	St. George, S.C.	WQIZ	1300		KKHI	1510
Prosser, Wash.	KARY	1310	Ripley, Tenn.	WTRB	1570	St. George, Utah	KDYU	1450		KSAY	1050
Providence, R.I.	WEAN	790	Ripon, Wis.	WCWC	1600	St. Helens, Mich.	WMC1	1500		KSPD	560
	WHIM	1110	Riverhead, N.Y.	WRIV	1390	St. Helens, Ore.	KOHI	1600		KSLD	450
	WICE	1290		WAPC	1570	St. Ignace, Mich.	WSTI	940		KYA	1260
	WJAR	920	Riverside, Calif.	KPRO	1440	St. Johns, Mich.	WJUD	1580	San Gabriel, Cal.	KAIL	1430
	WJKW	990		KAGE	1570	St. Johnsbury, Vt.	WTWN	1430	San German, P. R.	WRJS	1060
	WPRO	630	Riverton, Wyo.	KOVW	1450	St. Joseph, Mich.	WSJM	1400	Sanitobia, Miss.	WSAO	1550
	WRIB	1220	Rivera Beach, Fla.	WHEW	1600	St. Joseph-Benton Harbor, Mich.	WFB	1060	San Jose, Calif.	KLOK	1170
Provo, Utah	KIXX	1400	Roanoke, Ala.	WELR	1360		KFEQ	680		KLIV	1390
	KEYY	1450	Roanoke, Va.	WDBJ	960	St. Joseph, Me.	KKJO	1550		KNSN	1370
	KOVO	960		WDRS	1410		KKJO	1550		KXRX	1500
	KOLS	1570		WHYE	910	St. Louis, Mo.	KUNZ	1270	San Juan, P.R.	WAPA	680
Pueblo, Colo.	KDZA	1230		WROV	1240		KATZ	1600		WHAO	870
	KAPI	690	Roanoke Rapids, N.C.	WLSL	610		KMOX	1380		WIAC	740
	KCSJ	590	Roaring Sprgs., Pa.	WKCB	1230		KSD	550		WIPR	940
	KFEL	970		WKMC	1370		KSL	690		WKQA	580
	KKAM	1350		WTRB	1570		KWK	1380		WKVM	810
	KPUB	1480		WTRB	1570		KXOK	630		WKYN	630
Pulaski, Tenn.	WPSU	1580		WVW	770		WEL	1430		WITA	1140
Pulaski, Va.	KWSC	1250	Roberval, Que.	CHRL	910		WIL	1430	San Luis Obispo, Calif.	KATY	1340
Pullman, Wash.	KOFE	1150	Robinson, Ill.	WATY	1570		KXEN	1010		KSly	1400
	WCCF	1580	Robstown, Tex.	KROB	500	St. Louis Park, Minn.	KRSI	950		KVEC	920
Punta Gorda, Fla.	WCCF	1580	Rochester, Minn.	KROC	1340						
Punxsutawney, Pa.	WPME	1540		KFAV	1520						

WHITE'S RADIO LOG

Location	C.L.	Kc.
San Marcos, Tex.	KCNV	1470
San Mateo, Calif.	KOFY	1510
San Rafael, Calif.	KTIM	1050
San Saba, Tex.	KBAL	1410
San Sebastian, P.R.		
	WFBA	1460
Santa Ana, Calif.	KWIV	1480
Santa Barbara, Cal.	KDB	1490
	KGUD	990
	KIST	1340
	KTMS	1250
	KACL	1290
Santa Clara, Calif.	KGNU	1430
Santa Cruz, Calif.	KSCO	1080
Santa Fe, N. Mex.	KTRC	1400
	KVSF	1260
Santa Maria, Cal.	KOY	1400
	KHER	1600
	KSMA	1240
	KSEE	1480
Santa Monica, Cal.	KDAY	1580
Santa Paula, Calif.	KSPA	1400
Santa Rosa, Calif.	KSRQ	1350
	KSPB	1580
	KWRE	1460
	KJAX	1150
Santa Rosa, N. Mex.	KSYX	1420
Sapulpa, Okla.	KREK	1550
Saranac Lake, N.Y.	WNBZ	1240
Sarasota, Fla.	WKXY	990
	WSAF	1220
	WSPN	1450
	WYND	1280
Saratoga, N.Y.	WSPN	900
Saratoga Springs, N.Y.	WKAJ	900
Sauk Rapids, Minn.	WVAL	800
Sault Ste. Marie, Mich.	W500	1230
Savannah, Ga.	WBYG	1450
	WEAS	900
	WSAV	630
	WWSA	1400
	WTOC	1290
	WSOK	1230
	WORM	1010
Savannah, Tenn.	WATS	960
Scheffield, Ala.	WSHF	1290
Schenectady, N.Y.	WGY	810
	WNSY	1240
Scotland Neck, N.C.	WYAL	1280
Scott City, Kans.	KFLA	1310
Scottsbluff, Nebr.	KNEB	960
	KOLT	1320
	WCR	1050
Scottsboro, Ala.	WROS	1330
Scottsdale, Ariz.	KDOT	1440
Scottsville, Ky.	WLCK	1250
Scranton, Pa.	WARM	590
	WEJL	630
	WGBI	910
	WICK	1400
	WSCR	1320
Seaford, Del.	WSUX	1280
Seary, Ark.	KWCB	1900
Seaside, Oreg.	KSRG	730
Seattle, Wash.	KAYO	1150
	KIXI	910
	KING	1090
	KIR	950
	KOL	1300
	KDMO	1000
	KETO	1590
	KTW	1250
	KWTS	570
	KXA	770
	KBLE	1050
Sebring, Fla.	WJCM	960
	WSEB	1340
Sedalia, Mo.	KDRO	1340
	KSIS	1340
Sequin, Tex.	W5CD	1580
Selma, Ala.	WGWC	1340
	WHBB	1490
Selma, N. C.	WBZE	1510
Seminole, Tex.	KTFO	1250
Senatobia, Miss.	WSAO	1550
Seneca Township, S.C.	WSNW	1150
Sevierville, Tenn.	WSEV	930
Seward, Alaska	KIBH	950
Seymour, Ind.	WJCD	1890
Seymour, Tex.	KSEY	1230
Shakopee, Minn.	KSMH	1530
Shallotte, N. C.	WVCB	1410
Shamokin, Pa.	WISL	1480
Shamrock, Tex.	KSP	1580
Sharon, Pa.	WPIC	790

Location	C.L.	Kc.
Shawano, Wis.	WTCH	960
Shawnee, Okla.	KGFF	1450
Sheboygan, Wis.	WHBL	1330
	WHTS	950
Sheffield, Ala.	WSHF	1290
Shelby, Mont.	KSEN	1150
Shelby, N.C.	WOHS	730
	WADA	1390
	WSVL	1520
Shelbyville, Ind.	WCND	940
Shelbyville, Ky.	WHAL	1400
Shelbyville, Tenn.	WLIJ	1400
Sheldon, Iowa	KIWA	1550
Shelton, Wash.	KMAS	1280
Shenandoah, Iowa	KMA	960
	KFNF	920
Shenandoah, Pa.	WMBT	1530
Sheridan, Wyo.	KWYO	1410
	KROE	930
	KBRV	910
Sherman, Tex.	KTXX	1500
Shippensburg, Pa.	WSPH	1480
Show Low, Ariz.	KVWM	970
Shreveport, La.	KANB	1300
	KBCL	1220
	KEEL	710
	KOKA	1550
	KJOE	1480
	KCIJ	980
	KRMO	1340
	KWKH	1130
Sidney, Mont.	KGCX	1480
Sidney, Nebr.	KSID	1340
Sidney, O.	WMBR	1080
Sierra Vista, Ariz.	KPHH	1420
Sikeston, Mo.	KSIM	1400
	KMPL	1520
Siler City, N.C.	WNCA	1570
Siloam Sprgs., Ark.	KUOA	1290
Silsbee, Tex.	KKAS	1300
Silver City, N. Mex.	KSLI	1340
Silver Sprgs., Md.	WQMG	1050
Simcoe, Ont.	CFRS	1560
Sinton, Tex.	KTOO	1590
Sioux City, Iowa	KSCJ	1360
	KMNS	620
	KTRI	1470
Sioux Falls, S. Dak.	KISD	1230
	KELO	1320
	KXNW	1270
	KSOO	1140
Sitka, Alaska	KIFW	1230
	KSEW	1400
Skowhegan, Maine	WGHM	1150
Slaton, Tex.	KCAS	1050
Slidell, La.	WBSG	1560
Smithfield, N.C.	WNPM	1270
Smithville, Tenn.	WJLE	1480
Smyrna, Ga.	WYNX	1550
Snyder, Tex.	KSNY	1450
Socorro, N. Mex.	KSRC	1290
Soda Sprgs., Idaho	KBRV	540
Solvay, N.Y.	WQSR	1320
Somerset, N.Y.	WSPC	1240
	WTLQ	1480
Somerset, Pa.	WVSC	990
Sonora, Calif.	KVML	1450
Sonora, Tex.	KCKG	1240
So. Bend, Ind.	WNDU	1490
	WJVA	1580
	WSBT	960
	WESB	970
Southbridge, Mass.	WHLF	1400
So. Haven, Mich.	WJOR	1400
So. Knoxville, Tenn.	WSKT	1580
So. Paris, Me.	WKQT	1450
So. Pittsburg, Tenn.	WEPG	910
So. St. Paul, Minn.	KDWB	630
	WMKT	1370
So. Williamsport, Pa.	WMPT	1450
Spanish Fork, Utah	KONI	1480
Sparks, Nev.	KBUB	1270
Sparta, Ill.	WHCO	1230
Sparta, Tenn.	WSMT	1050
Sparta, Wis.	WKLJ	990
	WCOW	1290
	WHCF	1400
Spartanburg, S.C.	WORD	910
	WSPA	950
	KICD	1240
Spencer, Iowa	WSPZ	1400
Spencer, W. Va.	KGA	1510
Spokane, Wash.	KDNC	1440
	KSPQ	1230
	KPEG	1380
	KHQ	590
	KNEW	790
	KREM	970
	KXLY	920
	KCFA	1330
	KUDY	1280
	KBRB	1340
Springdale, Ark.	KWCS	1450
Springfield, Ill.	WMAV	970
	WTAX	1240

Location	C.L.	Kc.
Springfield, Mass.	WHYN	560
	WMAS	1450
	WSPR	1270
	KGBX	1260
Springfield, Mo.	KICK	1340
	KTTA	1400
	KWTO	560
	WIZE	1340
Springfield, Ohio	WBLY	1600
Springfield-Eugene, Ore.	KLED	1120
Springfield, Tenn.	WBLB	1590
Springfield, Vt.	WCFR	1480
Springhill, La.	KBSF	1460
Spring Lake, N. C.	WFBS	1450
Spring Valley, N.Y.	WRRC	1300
Spruce Pine, N.C.	WTQE	1470
Stamford, Conn.	KOIS	1490
Stamford, Tex.	KDWT	1400
Stanford, Ky.	WRSL	1520
Starks, Fla.	WPXE	1490
Starkville, Miss.	WSSO	1230
State College, Pa.	WMAJ	1450
	WRSC	1390
Statesboro, Ga.	WSTC	1340
Statesville, N.C.	WSIC	1400
	WDBM	550
Staunton, Va.	WTON	1240
	WAFQ	900
Stephenville, Tex.	KSTV	1510
Sterling, Colo.	KGEE	1230
	KOIS	1490
Sterling, Ill.	WSTP	1240
Steubenville, Ohio	WSTV	1340
Stevens Point, Wis.	WSPF	1010
Stillwater, Minn.	WAVN	1220
Stillwater, Okla.	KSPI	1780
Stockton, Calif.	KJOY	1280
	KSTN	1420
	KHMG	1400
Storm Lake, Iowa	KAYL	990
Streator, Ill.	WIZZ	1250
Stroudsburg, Pa.	WVPO	1450
Stuart, Fla.	WSTU	840
Stuart, Va.	WHEO	1270
Sturgeon Bay, Wis.	WDRR	910
Sturgis, Mich.	WSTC	1230
Sturgis, S. O.	KBNB	1280
Stuttgart, Ark.	KWAK	1240
Suffolk, Va.	WLPM	1460
Sullivan, Ind.	WKQV	1550
Sulphur, La.	KIKS	1310
Sulphur Sprgs., Tex.	KSSZ	1230
Summerville, Ga.	WGTA	1450
Summerville, S.C.	WALS	1890
Sumner, Wash.	KDFL	1560
Sumter, S.C.	WFJG	1290
	WDXJ	1240
	WSSC	1340
Sunbury, Pa.	W10K	1070
Sunnyside, Wash.	KREW	1230
Sun Valley, Ida.	KSKI	1430
Superior, Nebr.	WHEN	820
Superior, Wis.	WDSM	710
	WIGL	970
	WWJC	1270
	WAXK	1320
Susanville, Calif.	KSUE	1240
Sutton, W. Va.	WSGB	1490
Swainsboro, Ga.	WJAT	800
Sweetwater, Tenn.	WDEB	800
Sweetwater, Tex.	KXQZ	1420
Sylacauga, Ala.	WFEB	1340
	WMLS	1290
	WMSJ	1480
Sylva, N.C.	WSYL	1490
Sylvania, Ga.	WWSL	1490
Sylvester, Ga.	WOGA	1540
Syracuse, N.Y.	WHEN	820
	WFBL	1890
	WDRD	1260
	WOLF	1490
	WSYR	1490
Tabor City, N.C.	WTAB	570
Tacoma, Wash.	KMO	1360
	KTAC	850
	KNTN	400
	KVI	510
Taft, Calif.	KTKR	1370
Tahlequah, Okla.	KTLQ	1350
Tahoe Valley, Calif.	KTHO	590
	WXYU	1580
Talladega, Ala.	WNUZ	1230
Tallahassee, Fla.	WMEN	1330
	WONS	1410
	WTAL	1450
	WTNT	1270
Tallahsee, Ala.	WTSI	1300
Tallulah, La.	KTD	1360
Tampa, Fla.	WALT	1110
	WDAE	1250
	WYOU	1550
	WFLA	970
	WHBO	1050
	WING	1010
	WTFP	1150
	WSOL	1300
Taos, N. Mex.	KKIT	1340
Tarboro, N.C.	WCPS	760
Tarpon Springs, Fla.	WCWR	1470

Location	C.L.	Kc.
Tasley, Va.	WESR	1396
Taunton, Mass.	WPFP	1570
Tawas City, Mich.	WIOS	1480
Taylor, Tex.	KTB	1260
Taylorville, N. C.	WSTR	860
	WTLK	1570
	WTIM	1410
Tazewell, Tenn.	WNTT	1250
Tell City, Ind.	WTCJ	1230
Tempe, Ariz.	KUPD	1060
	KYND	1580
Tempe, Ariz.	WBLD	1400
Tempe, Ariz.	WBOW	1230
Terre Haute, Ind.	WAAC	1300
	WTHI	1480
Terrell, Tex.	KTER	1570
Terrytown, Nebr.	KEYR	690
Texarkana, Ark.	KOSY	790
Texarkana, Tex.	KCMC	740
	KTFC	940
	KTFB	1400
Texas City, Tex.	KTWL	920
Thayer, Mo.	KALM	1290
The Dalles, Oreg.	KODL	1440
	KACI	1300
Thermopolis, Wyo.	KRTR	1490
Thief River Falls, Minn.	KTIC	1240
	KTRF	1230
Thibodaux, La.	KTIB	630
Thomaston, Ga.	WSFT	1220
	WTGA	1590
	WTHN	1500
Thomasville, Ala.	WJDB	630
Thomasville, Ga.	KTIC	1400
	WLDZ	730
Thomasville, N.C.	WTNC	990
Thomson, Ga.	WTWA	1240
Three Rivers, Mich.	WLKM	1510
Ticonderoga, N.Y.	WJPS	1250
Tiffin, Ohio	WJDB	1400
	WTFI	1340
	WWSG	1430
Tillamook, Oreg.	KTIL	1590
Titusville, Fla.	WRMF	1050
Titusville, Pa.	WTIV	1230
Toocoo, Ga.	WLET	1420
	WNES	650
	WYND	1280
Toledo, Ohio	WSPD	1370
	WTOD	1560
	WCWA	1230
	WTTD	1520
Toledo, Oreg.	KTDO	1230
Tolleson, Ariz.	KRDS	1190
Tombah, Wis.	WDMB	1460
Tompkinsville, Ky.	WTKY	1370
Tooele, Utah	KDYL	990
Topeka, Kans.	WIBW	580
	KEWI	1440
	WREN	1250
	KTOP	1490
Toppenish, Wash.	KENE	1490
Torrington, Conn.	WOR	610
Torrington, Wyo.	WTKY	1370
Towanda, Pa.	KWTC	1550
Towson, Md.	WAFQ	1570
Trail, B.C.	CJAT	610
Travelers Rest, S.C.	WBRR	1580
Traverse City, Mich.	WTCM	1400
Trenton, Mo.	KTTN	1600
Trenton, N.J.	WBAT	1300
	WUOD	1260
	WRTM	920
Trinidad, Colo.	KCRT	1240
Troy, Ala.	WTBF	970
Troy, N.Y.	WTKY	1370
	WTRV	990
	WXKW	1600
Troy, N. C.	WJRM	1390
Truckee, Calif.	KHOE	1400
Trumans, Ark.	KTMN	1530
Truth or Consequences, N. Mex.	KHNS	1400
Tucson, Ariz.	WTYN	1550
	KTUC	1400
	KKEW	1600
	KAIR	1490
	KCEE	790
	KTAN	580
	KQUB	1290
	KEFT	690
	KHOS	940
	KMPQ	1330
	KFIF	1550
	KTKT	990
	KOLD	1450
Tucumcari, N. Mex.	KTMN	1400
Tulare, Calif.	KKOC	1270
	KGTR	370
Tulia, Tex.	KTUE	1250
Tullahoma, Tenn.	WJIG	740
Tulsa, Okla.	KAKC	970
	KOME	1300
	KRMG	740
	KELI	1480
	KVOD	1070
	KFMJ	1050
Tupelo, Miss.	WUFO	580
	WTUP	1490

Location	C.L.	Mc.	Location	C.L.	Mc.	Location	C.L.	Mc.	Location	C.L.	Mc.
WMAQ-FM	101.1		WMBI-FM	90.1		WMBI-FM	90.1		MASSACHUSETTS		
WNB	97.1		WNB	97.1		WNB	97.1		Amherst	WAMF	'88.1
WRT	93.1		WRT	93.1		WRT	93.1			WFCR	'88.5
WJJD-FM	104.3		WJJD-FM	104.3		WJJD-FM	104.3			WUOA	'91.1
WCBW	104.9		WCBW	104.9		WCBW	104.9		Andover	WPAA	91.7
WTAS	102.3		WTAS	102.3		WTAS	102.3		Boston	WBUR	'90.9
WSOY-FM	102.9		WSOY-FM	102.9		WSOY-FM	102.9			WBCN	104.1
WNIC	*89.7		WNIC	*89.7		WNIC	*89.7			WBZ-FM	106.7
WLBK-FM	92.5		WLBK-FM	92.5		WLBK-FM	92.5			WCOP-FM	100.7
WIXN-FM	101.7		WIXN-FM	101.7		WIXN-FM	101.7			WEEL-FM	103.3
WBBR	101.1		WBBR	101.1		WBBR	101.1			WERS	'88.9
WCRA-FM	95.7		WCRA-FM	95.7		WCRA-FM	95.7			WHDH-FM	94.5
WELG	103.9		WELG	103.9		WELG	103.9			WRKO-FM	98.5
WRMN-FM	94.3		WRMN-FM	94.3		WRMN-FM	94.3			WXHR-FM	96.9
WEP	*88.1		WEP	*88.1		WEP	*88.1			WBET-FM	97.7
WELG	103.9		WELG	103.9		WELG	103.9			WBOS-FM	92.9
WRMN-FM	94.3		WRMN-FM	94.3		WRMN-FM	94.3			WBGH-FM	98.7
WRSE-FM	98.7		WRSE-FM	98.7		WRSE-FM	98.7			WBHF-FM	93.3
WKF	103.9		WKF	103.9		WKF	103.9			WBTS	88.1
WEAW	105.1		WEAW	105.1		WEAW	105.1			WBNE-FM	104.5
WNUR	*88.7		WNUR	*88.7		WNUR	*88.7			WKOC-FM	105.7
WFIW-FM	104.9		WFIW-FM	104.9		WFIW-FM	104.9			WVCA-FM	104.9
WFHF	98.5		WFHF	98.5		WFHF	98.5			WHAJ-FM	98.3
WELL-FM	98.5		WELL-FM	98.5		WELL-FM	98.5			WHAJ-FM	98.3
WYKC-FM	*88.1		WYKC-FM	*88.1		WYKC-FM	*88.1			WHAJ-FM	98.3
WELF	107.1		WELF	107.1		WELF	107.1			WHAV-FM	92.5
WERN	*89.3		WERN	*89.3		WERN	*89.3			WLAW-FM	95.7
WEBQ-FM	99.9		WEBQ-FM	99.9		WEBQ-FM	99.9			WLLH-FM	98.5
WEEF-FM	103.1		WEEF-FM	103.1		WEEF-FM	103.1			WLYM-FM	101.7
WLDS-FM	100.5		WLDS-FM	100.5		WLDS-FM	100.5			WHIL-FM	107.9
WAJP	93.5		WAJP	93.5		WAJP	93.5			WBSM-FM	97.3
WJOL-FM	96.7		WJOL-FM	96.7		WJOL-FM	96.7			WBHF-FM	98.1
WKAK-FM	99.9		WKAK-FM	99.9		WKAK-FM	99.9			WNNB-FM	100.1
WLNRFM	106.3		WLNRFM	106.3		WLNRFM	106.3			WRLW	93.3
WLRF	99.3		WLRF	99.3		WLRF	99.3			WRNH-FM	98.7
WAKO-FM	103.1		WAKO-FM	103.1		WAKO-FM	103.1			WQRB-FM	103.5
WSMI-FM	106.1		WSMI-FM	106.1		WSMI-FM	106.1			WPLM-FM	99.1
WLUV-FM	96.7		WLUV-FM	96.7		WLUV-FM	96.7			WMHC	'88.5
WWKS	*91.3		WWKS	*91.3		WWKS	*91.3			WHYN-FM	98.1
WGN	106.5		WGN	106.5		WGN	106.5			WCSB	'88.9
WLBH-FM	96.9		WLBH-FM	96.9		WLBH-FM	96.9			WMAS-FM	94.7
WGLC-FM	100.9		WGLC-FM	100.9		WGLC-FM	100.9			WCRB-FM	102.5
WRMI-FM	99.9		WRMI-FM	99.9		WRMI-FM	99.9			WYMH-FM	90.9
WSAB	94.9		WSAB	94.9		WSAB	94.9			WCFC-FM	'91.3
WVMC-FM	101.1		WVMC-FM	101.1		WVMC-FM	101.1			WHSR-FM	91.9
WMJX-FM	94.1		WMJX-FM	94.1		WMJX-FM	94.1			WAAB	107.3
WOPA-FM	102.7		WOPA-FM	102.7		WOPA-FM	102.7			WSRS	96.1
WSEI-FM	92.9		WSEI-FM	92.9		WSEI-FM	92.9				
WOLI	98.3		WOLI	98.3		WOLI	98.3				
WPRS-FM	'88.1		WPRS-FM	'88.1		WPRS-FM	'88.1				
WRHS	'88.1		WRHS	'88.1		WRHS	'88.1				
WMT	'83.5		WMT	'83.5		WMT	'83.5				
WSIV-FM	95.3		WSIV-FM	95.3		WSIV-FM	95.3				
WMBD-FM	93.3		WMBD-FM	93.3		WMBD-FM	93.3				
WGM-FM	105.1		WGM-FM	105.1		WGM-FM	105.1				
WTAD-FM	99.5		WTAD-FM	99.5		WTAD-FM	99.5				
WTAY-FM	100.7		WTAY-FM	100.7		WTAY-FM	100.7				
WRDK-FM	97.5		WRDK-FM	97.5		WRDK-FM	97.5				
WHBF-FM	98.9		WHBF-FM	98.9		WHBF-FM	98.9				
WVIK	90.9		WVIK	90.9		WVIK	90.9				
WRSV	98.3		WRSV	98.3		WRSV	98.3				
WBEL-FM	103.1		WBEL-FM	103.1		WBEL-FM	103.1				
WTAX-FM	103.7		WTAX-FM	103.7		WTAX-FM	103.7				
WFMB	104.5		WFMB	104.5		WFMB	104.5				
WVEM	101.9		WVEM	101.9		WVEM	101.9				
WZZ-FM	97.7		WZZ-FM	97.7		WZZ-FM	97.7				
WGGM	95.0		WGGM	95.0		WGGM	95.0				
WILL-FM	*90.9		WILL-FM	*90.9		WILL-FM	*90.9				
WEFA	102.3		WEFA	102.3		WEFA	102.3				
WETN-FM	*88.1		WETN-FM	*88.1		WETN-FM	*88.1				
WNTH	*88.1		WNTH	*88.1		WNTH	*88.1				
WREK	105.5		WREK	105.5		WREK	105.5				
INDIANA											
Anderson	WAFM	97.9	Anderson	WAFM	97.9	Anderson	WAFM	97.9	Anderson	WAFM	97.9
Bloomington	WFIU	*103.7	Bloomington	WFIU	*103.7	Bloomington	WFIU	*103.7	Bloomington	WFIU	*103.7
Bluffton	WTTV-FM	92.3	Bluffton	WTTV-FM	92.3	Bluffton	WTTV-FM	92.3	Bluffton	WTTV-FM	92.3
Columbus	WCRD	100.1	Columbus	WCRD	100.1	Columbus	WCRD	100.1	Columbus	WCRD	100.1
Connorsville	WCSI-FM	98.3	Connorsville	WCSI-FM	98.3	Connorsville	WCSI-FM	98.3	Connorsville	WCSI-FM	98.3
Crawfordsville	WCNB-FM	108.3	Crawfordsville	WCNB-FM	108.3	Crawfordsville	WCNB-FM	108.3	Crawfordsville	WCNB-FM	108.3
Elkhart	WNDY	106.3	Elkhart	WNDY	106.3	Elkhart	WNDY	106.3	Elkhart	WNDY	106.3
	WCMR-FM	104.7		WCMR-FM	104.7		WCMR-FM	104.7		WCMR-FM	104.7
	WTRC-FM	100.7		WTRC-FM	100.7		WTRC-FM	100.7		WTRC-FM	100.7
	WXAX	104.7		WXAX	104.7		WXAX	104.7		WXAX	104.7
Elwood	WBMP	101.7	Elwood	WBMP	101.7	Elwood	WBMP	101.7	Elwood	WBMP	101.7
Evansville	WIKY-FM	104.1	Evansville	WIKY-FM	104.1	Evansville	WIKY-FM	104.1	Evansville	WIKY-FM	104.1
	WEVC	91.5		WEVC	91.5		WEVC	91.5		WEVC	91.5
	WPSR	90.7		WPSR	90.7		WPSR	90.7		WPSR	90.7
Fort Wayne	WVHI	105.3	Fort Wayne	WVHI	105.3	Fort Wayne	WVHI	105.3	Fort Wayne	WVHI	105.3
	WPTH	95.1		WPTH	95.1		WPTH	95.1		WPTH	95.1
	WKJG-FM	97.3		WKJG-FM	97.3		WKJG-FM	97.3		WKJG-FM	97.3
Franklin	WFCL	99.3	Franklin	WFCL	99.3	Franklin	WFCL	99.3	Franklin	WFCL	99.3
	WFN	95.9		WFN	95.9		WFN	95.9		WFN	95.9
Frankfort	WILQ-FM	99.1	Frankfort	WILQ-FM	99.1	Frankfort	WILQ-FM	99.1	Frankfort	WILQ-FM	99.1
Gary	WGVE	*88.1	Gary	WGVE	*88.1	Gary	WGVE	*88.1	Gary	WGVE	*88.1
Goshen	WGCS	91.7	Goshen	WGCS	91.7	Goshen	WGCS	91.7	Goshen	WGCS	91.7
Greencastle	WGRE	91.9	Greencastle	WGRE	91.9	Greencastle	WGRE	91.9	Greencastle	WGRE	91.9
Greenfield	WSMJ	99.5	Greenfield	WSMJ	99.5	Greenfield	WSMJ	99.5	Greenfield	WSMJ	99.5
Greensburg	WTRE	107.3	Greensburg	WTRE	107.3	Greensburg	WTRE	107.3	Greensburg	WTRE	107.3
Hammond	WVCA	92.3	Hammond	WVCA	92.3	Hammond	WVCA	92.3	Hammond	WVCA	92.3
Hartford City	WHCI	*91.9	Hartford City	WHCI	*91.9	Hartford City	WHCI	*91.9	Hartford City	WHCI	*91.9
	WWHC	104.9		WWHC	104.9		WWHC	104.9		WWHC	104.9
Huntington	WVSH	*91.9	Huntington	WVSH	*91.9	Huntington	WVSH	*91.9	Huntington	WVSH	*91.9
	WHLT-FM	103.1		WHLT-FM	103.1		WHLT-FM	103.1		WHLT-FM	103.1
Indianapolis	WABC	*104.5	Indianapolis	WABC	*104.5	Indianapolis	WABC	*104.5	Indianapolis	WABC	*104.5
	WBDJ	90.9		WBDJ	90.9		WBDJ	90.9		WBDJ	90.9
	WICR	*88.7		WICR	*88.7		WICR	*88.7		WICR	*88.7
	WISH-FM	107.9		WISH-FM	107.9		WISH-FM	107.9		WISH-FM	107.9
	WIAV	105.7		WIAV	105.7		WIAV	105.7		WIAV	105.7
	WFBM-FM	94.7		WFBM-FM	94.7		WFBM-FM	94.7		WFBM-FM	94.7
	WFMS	95.5		WFMS	95.5		WFMS	95.5		WFMS	95.5
WGEE-FM	103.3		WGEE-FM	103.3		WGEE-FM	103.3				
WIAN	*90.1		WIAN	*90.1		WIAN	*90.1				
WIBC-FM	93.1		WIBC-FM	93.1		WIBC-FM	93.1				
WITZ-FM	104.7		WITZ-FM	104.7		WITZ-FM	104.7				
WAWK-FM	93.3		WAWK-FM	93.3		WAWK-FM	93.3				
WFKO	100.5		WFKO	100.5		WFKO	100.5				
WKMO	93.5	</									

WHITE'S RADIO LOG

Location	C.L.	Mc.
Muskegon	WFFM	106.9
Oak Park	WLDM	95.5
Owaso	WOAP-FM	103.9
Potoskey	WJML	98.9
	WMBN-FM	96.7
Port Huron	WHLS-FM	107.1
Royal Oak	WOAK	*89.3
	WOMC	104.3
Saginaw	WSAM-FM	98.1
Spring Arbor	WSAE	*89.3
Sturgis	WSTR-FM	103.1
Traverse City	WLDR-FM	101.9
	WTCM-FM	103.7
Warren	WPHS	91.5
Ypsilanti	WEMU	*88.1

MINNESOTA

Brainerd	KLIZ-FM	95.9
Golden Valley	KQRS-FM	92.5
Mankato	KMSO	*90.5
	KYSM-FM	103.5
Minneapolis	KTIS-FM	*88.5
	KRFM	97.1
	WLWL-FM	95.5
	WPBC-FM	101.3
	WAYL	93.7
	WCTS-FM	100.3
Red Wing	KCUE-FM	105.5
Richfield	WPBC-FM	101.3
Rochester	KROC-FM	106.9
	KNXR	97.5
St. Cloud	KFAM-FM	104.7
St. Louis Park	KRSI-FM	104.1
St. Paul	KNOF	95.3
	KSTP-FM	94.5
Willmar	KWLM-FM	105.5
Worthington	KWOA-FM	94.9

MISSISSIPPI

Forest	WQST	92.5
Greenwood	WSWG	99.1
Gulfport	WROA-FM	107.1
Hattiesburg	WHSY-FM	104.5
Jackson	WJDX-FM	102.9
	WLSI-FM	96.3
	WWHO	94.7
Kosciusko	WKOZ-FM	105.1
Laurel	WNSL-FM	100.3
Meridian	WMMI	*89.1
Moss Point	WACY-FM	104.9
Paseagoula	WPMP-FM	109.1
Poncharvaine	WRPM-FM	97.9
Pontotoc	WSEL-FM	96.7

MISSOURI

Buffalo	KBFL	91.3
Carrollton	KAOL-FM	101.1
Clayton	KFOU-FM	99.1
Columbia	KWOC-FM	90.5
Crestwood	KSHE	94.7
El Dorado Springs		
	KESM-FM	101.7
Houston	WBTC-FM	99.3
Joplin	WMBH-FM	96.1
	KSYN	92.5
Kansas City	KCMO-FM	94.9
	KBEY	104.3
	KTSR	*90.1
	WDAF-FM	102.1
	KCMK	93.3
	KCUR-FM	99.3
	KMBC-FM	89.7
	KPRS-FM	103.3
	KXTR	96.5
Kennett	KBQA-FM	94.9
Osage Beach	KRMS-FM	98.5
Poplar Bluff	KWOC-FM	94.5
Rolla	KCLU-FM	94.3
	KMSM	*88.5
St. Joseph	KUSN-FM	105.1
St. Louis	KCFM	98.7
	KADI	96.5
	WAMV-FM	101.1
	WIL-FM	92.3
	KSLH	*81.5
	KSTL-FM	98.1
	KRFD	106.9
Sedalia	KSIS-FM	92.1
Springfield	KTTS-FM	94.7
	KTFB	101.5
Waynesville	KFB	97.7
West Plains	KWPM-FM	83.9

MONTANA

Belgrade	KGVV-FM	96.7
Billings	KURL-FM	97.1
Bozeman	KBHF	93.7

Location	C.L.	Mc.
Great Falls	KOPR-FM	106.3
Missoula	KUFM	*88.1

NEBRASKA

Beatrice	KWBE-FM	92.9
Columbus	KJSK-FM	101.1
Hastings	KICS-FM	93.5
Kearney-Holdrege		
	KHOL-FM	98.9
Lexington	KRUN-FM	93.1
Lincoln	KFMQ	95.3
	KWHG	102.7
Omaha	KQAL-FM	94.3
	KFAB-FM	99.9
	KBBI-FM	100.7
	KOWH-FM	94.1
	WOW-FM	92.3
	KICN	96.3
Scottsbluff	KNEW-FM	94.1

NEVADA

Las Vegas	KORK-FM	97.1
	KRGN	101.9
	KLUC-FM	98.5
	KVEG-FM	92.3
	KNEY	95.5
	KUNR	88.1

NEW HAMPSHIRE

Berlin	WMOU-FM	103.7
Claremont	WTSV-FM	106.1
Durham	WUNH	*90.3
Exeter	WPEA	98.7
Laconia	WLNH-FM	98.3
Keene	WKNE-FM	103.7
Manchester	WKBR-FM	95.7
	WGIR-FM	101.1
Mt. Washington	WMTW-FM	94.9
Nashua	WOTW-FM	106.3
Portsmouth	WHEB-FM	100.3

NEW JERSEY

Asbury Park	WJLK-FM	94.3
	WHTG-FM	105.5
Atlantic City	WFDP-FM	96.9
	WGMG	103.7
	WRNJ	95.1
Bridgeton	WSNJ-FM	107.7
Camden	WKDN-FM	106.9
Dover	WDHA-FM	105.5
E. Orange	WFUM	*91.1
Eatontown	WHTG-FM	106.3
Franklin	WLVP	102.3
Franklin Lakes	WRRH	88.7
Glassboro	WGLS-FM	89.7
Hackettstown	WNTI	*91.9
Long Branch	WRLB	107.1
Millville	WMVB-FM	97.3
Newark	WHBI	105.9
	WFME	94.7
	WVNI-FM	100.3
	WBGO	*88.3
New Brunswick	WCTC-FM	98.3
Paterson	WPAT-FM	93.1
Princeton	WPRB	103.3
Red Bank	WFHA-FM	106.3
South Orange	WDSU	*89.5
Trenton	WBUJ-FM	101.5
	WTOA	97.5
	WTTM-FM	94.5
Wildwood	WCMC-FM	100.7
Zarephath	WAWZ-FM	99.1

NEW MEXICO

Alamogordo	KXXI	94.3
Albuquerque	KANW	*89.1
	KARA-FM	99.5
	KDEF-FM	94.1
	KRST	92.3
	KHFM	96.3
	KOAT-FM	100.3
	KOB-FM	93.3
Clovis	KTQM-FM	99.9
Hobbs	KHOB-FM	95.7
Los Alamos	KRSN-FM	98.5
Lovington	KLEA-FM	101.7
Mountain Park	KMFM	97.9
Roswell	KBIM-FM	94.9
Santa Fe	KSNM	95.5
Taos	KKIT-FM	99.3
University Park	KRWG	*91.7

NEW YORK

Albany	WAMC	*90.3
Auburn	WMOG-FM	106.9
Babylon	WTFM	103.5
	WGSN-FM	94.3
	WGU-FM	98.1
	WNB-FM	95.1
	WKOP-FM	99.3
	WNYE	*91.5
	WCWP	*88.1
Brooklyn	WBEN-FM	102.5
Brookville	WDCX	99.5
Buffalo	WBFO	88.7
	WGBF	93.7
	WBR	94.5
	WGR-FM	96.9
	WTSJ-FM	103.3

Location	C.L.	Mc.
Canton	WWOL-FM	104.1
Central Square	WYSL-FM	103.3
Cherry Valley	WDIF	96.1
Clinton	WLSU	*89.1
Corning	WSSO	*89.3
Cortland	WJWJ	101.9
Depew	WHCL-FM	88.7
DeRuyter	WCLI-FM	106.1
Elmira	WKRT-FM	99.9
	WBLK-FM	93.7
	WQVJ	103.1
	WECW	88.1
	WEHH-FM	92.7
	WENY-FM	92.7
Floral Park	WSHS	*90.3
Garden City	WLIR	92.7
Geneseo	WGSU	88.3
Hempstead	WHLI-FM	98.3
	WVHC	*88.7
Hornell	WVHF-FM	105.3
Ithaca	WHCU-FM	97.3
	WICB	*91.7
	WEIV	103.7
	WVBR-FM	93.5
	WJTN-FM	93.3
	WKSJ-FM	101.7
	WYSL-FM	103.3
	WTFM	103.5
	WVOS-FM	95.9
	WVCR-FM	89.1
	WALL-FM	92.7
	WRNW	107.1
	WVIP-FM	106.3
	WVOX-FM	99.5
	WABC-FM	95.5
	WBAI	95.1
	WCBS-FM	101.1
	WVFD-FM	97.9
	WVUJ	*90.7
	WHOM-FM	82.3
	WKCR-FM	*89.9
	WLFB-FM	107.5
	WVFC	104.3
	WNEW-FM	102.7
	WNBC-FM	97.1
	WNYC-FM	93.9
	WNYE	91.5
	WOR-FM	98.7
	WPIX-FM	101.9
	WQXR-FM	96.3
	WRFB	105.1
	WVRV	106.7

Floral Park	WSHS	*90.3
Garden City	WLIR	92.7
Geneseo	WGSU	88.3
Hempstead	WHLI-FM	98.3
	WVHC	*88.7
Hornell	WVHF-FM	105.3
Ithaca	WHCU-FM	97.3
	WICB	*91.7
	WEIV	103.7
	WVBR-FM	93.5
	WJTN-FM	93.3
	WKSJ-FM	101.7
	WYSL-FM	103.3
	WTFM	103.5
	WVOS-FM	95.9
	WVCR-FM	89.1
	WALL-FM	92.7
	WRNW	107.1
	WVIP-FM	106.3
	WVOX-FM	99.5
	WABC-FM	95.5
	WBAI	95.1
	WCBS-FM	101.1
	WVFD-FM	97.9
	WVUJ	*90.7
	WHOM-FM	82.3
	WKCR-FM	*89.9
	WLFB-FM	107.5
	WVFC	104.3
	WNEW-FM	102.7
	WNBC-FM	97.1
	WNYC-FM	93.9
	WNYE	91.5
	WOR-FM	98.7
	WPIX-FM	101.9
	WQXR-FM	96.3
	WRFB	105.1
	WVRV	106.7

New Rochelle	WHLD-FM	98.5
New York	WCHN-FM	93.9
	WHDL-FM	95.7
	WOSE	104.9
	WEAV-FM	99.9
	WALR-FM	97.5(s)
	WPAC-FM	100.7
	WLNA-FM	100.7
	WTSJ-FM	91.1
	WKIP-FM	104.7
	WEOK-FM	101.5
	WAPC-FM	103.9(s)
	WHFM	98.9
	WBBJ-FM	96.5
	WCMF	96.5
	WIRQ	*90.9
	WROC-FM	97.9
	WVOR	100.5
	WGFN	99.5
	WMLV	95.1
	WSPF	*88.1
	WBYV	105.7
	WDDS-FM	93.1
	WONO	107.9
	WYSR-FM	94.5
	WFLY	92.3
	WRPI	*91.5
	WRUN-FM	105.7
	WBYV	105.7
	WFAS-FM	103.9

Niagara Falls	WHLD-FM	98.5
Oran	WCHN-FM	93.9
Olean	WHDL-FM	95.7
Oswego	WOSE	104.9
Plattsburg	WEAV-FM	99.9
Patchogue	WALR-FM	97.5(s)
	WPAC-FM	100.7
	WLNA-FM	100.7
	WTSJ-FM	91.1
	WKIP-FM	104.7
	WEOK-FM	101.5
	WAPC-FM	103.9(s)
	WHFM	98.9
	WBBJ-FM	96.5
	WCMF	96.5
	WIRQ	*90.9
	WROC-FM	97.9
	WVOR	100.5
	WGFN	99.5
	WMLV	95.1
	WSPF	*88.1
	WBYV	105.7
	WDDS-FM	93.1
	WONO	107.9
	WYSR-FM	94.5
	WFLY	92.3
	WRPI	*91.5
	WRUN-FM	105.7
	WBYV	105.7
	WFAS-FM	103.9

Riverhead	WHLD-FM	98.5
Rochester	WCHN-FM	93.9
	WHDL-FM	95.7
	WOSE	104.9
	WEAV-FM	99.9
	WALR-FM	97.5(s)
	WPAC-FM	100.7
	WLNA-FM	100.7
	WTSJ-FM	91.1
	WKIP-FM	104.7
	WEOK-FM	101.5
	WAPC-FM	103.9(s)
	WHFM	98.9
	WBBJ-FM	96.5
	WCMF	96.5
	WIRQ	*90.9
	WROC-FM	97.9
	WVOR	100.5
	WGFN	99.5
	WMLV	95.1
	WSPF	*88.1
	WBYV	105.7
	WDDS-FM	93.1
	WONO	107.9
	WYSR-FM	94.5
	WFLY	92.3
	WRPI	*91.5
	WRUN-FM	105.7
	WBYV	105.7
	WFAS-FM	103.9

Schenectady	WHLD-FM	98.5
Spring Bristol	WCHN-FM	93.9
Southville	WHDL-FM	95.7
Syracuse	WOSE	104.9
	WEAV-FM	99.9
	WALR-FM	97.5(s)
	WPAC-FM	100.7
	WLNA-FM	100.7
	WTSJ-FM	91.1
	WKIP-FM	104.7
	WEOK-FM	101.5
	WAPC-FM	103.9(s)
	WHFM	98.9
	WBBJ-FM	96.5
	WCMF	96.5
	WIRQ	*90.9
	WROC-FM	97.9
	WVOR	100.5
	WGFN	99.5
	WMLV	95.1
	WSPF	*88.1
	WBYV	

Location	C.L.	Kc.	Location	C.L.	Kc.	Location	C.L.	Kc.	Location	C.L.	Kc.
St. Jérôme, Que.	CKPL	900		CKTS	900	Toronto, Ont.	CBL	740	Ville St. Georges, Que.		
Saint John, N.B.	CBDD	1110	Simcoe, Ont.	CFRS	1560		CFRB	1010		CKRB	1460
St. John's Nfld.	CBN	640	Smiths Falls, Ont.	CJET	630		CHFI	1540	Wawa, Ont.	CJWA	1240
	CJON	930	Smithers, B.C.	CFBV	1230		CHUM	1050	Welland, Ont.	CHOW	1470
	CKZN	6160	Sorel, Que.	CJSO	1320		CJBC	860	Weyburn, Sask.	CFSL	1340
	VOAR	1230	Stratford, Ont.	CJCS	1240		CKEY	590	Whitehorse, Y.T.	CFWH	570
	VOCM	500	Steinbach, Man.	CHSM	1250		CKFH	1480	Williams Lake, B.C.	CKWL	1240
	VOWR	800	Stephenville, Nfld.	CFSX	910	Trail, B.C.	CJAT	610	Windsor, N.S.	CFAB	1450
St. Joseph d'Alma, Que.			Sudbury, Ont.	CFBR	550	Truro, N.S.	CKCL	600	Windsor, Ont.	CBE	1550
	CFGT	1270		CHNO	900	Val d'Or, Que.	CKVD	1230		CKLW	500
St. Thomas, Ont.	CHLO	680		CKSO	790	Valleyfield, Que.	CFVL	1370		CKWV	880
Sackville, N.B.	CBA	1070	Summerside, P.E.I.	CJRW	1240	Vancouver, B.C.	CBU	690	Wingham, Ont.	CKNX	920
Saint John, N.B.	CFBC	930	Swift Current, Sask.	CKSW	1400		CFUN	1410	Winnipeg, Man.	CBW	990
	CHSJ	1150	Sydney, N.S.	CB1	1140		CHQM	1320		CJOB	680
Sarnia, Ont.	CHOK	1070		CJCB	1270		CJOR	600		CJQM	1470
Saskatoon, Sask.	CFNS	1170		CJCX	6010		CKLG	730		CKRC	630
	CFQC	600	Terrace, B.C.	CFTK	590		CKWV	1130		CJQM	1470
	CKOM	1250	Thetford Mines, Que.	CKLD	1230	Verdun, Que.	CKVL	850		CKY	580
Sault Ste. Marie, Ont.	CJIC	1050	Thompson, Man.	CHTM	610	Vernon, B.C.	CJJB	940	Woodstock, N.B.	CJCJ	920
	CKCY	920	Trois-Rivières, Que.	CHLN	550	Victoria, B.C.	CFAX	1070	Woodstock, Ont.	CKOX	1340
Sept-Îles, Que.	CKCN	560		CKTR	1150		CJVI	900	Yarmouth, N.S.	CJLS	1340
Shawinigan, Que.	CKSM	1220	Tillsonburg, Ont.	CKOT	1510		CKDA	1220	Yellowknife, N.W.T.	CFYK	1340
Shefferville, Que.	CFKL	1230	Timmins, Ont.	CFCL	620	Victoriaville, Que.	CFDA	1380	Yorkton, Sask.	CJGX	940
Sherbrooke, Que.	CHLT	630		CKGB	680	Ville Marie, Que.	CKVM	710			

Canadian FM Stations by Location

Location	C.L.	Mc.	Location	C.L.	Mc.	Location	C.L.	Mc.	Location	C.L.	Mc.
Bellefleur, Ont.	CJBC-FM	97.1	Kitchener, Ont.	CHYM-FM	96.7	Quebec, Que.	CHRC-FM	98.1		CHF1-FM	98.1
Brampton, Ont.	CHIC-FM	102.1	Lethbridge, Alta.			Red Deer, Alta.	CKRD-FM	98.9		CHUM-FM	104.5
Brandon, Man.	CKX-FM	96.1		CHCC-FM	100.9	Rimouski, Que.	CJBR-FM	101.5		CJRT-FM	91.1
Calgary, Alta.	CHFM-FM	95.9	London, Ont.	CFPL-FM	95.9	Saint John, N.B.	CFBC-FM	98.9		CKFM-FM	99.9
Cornwall, Ont.	CJSS-FM	104.5	Montreal, Que.	CBF-FM	95.1	Saskatoon, Sask.	CFMC-FM	103.9		CKCL-FM	100.9
Edmonton, Alta.	CFRN-FM	100.3		CBM-FM	100.7	Sault Ste. Marie, Ont.			Truro, N.S.	CBU-FM	105.7
	CJCA-FM	99.5		CFCF-FM	92.5		CJIC-FM	100.5	Vancouver, B.C.	CHQM-FM	103.5
	CKUA-FM	98.1		CJFM-FM	95.9		CKCY-FM	104.3		CKGL-FM	99.3
Halifax, N.S.	CHNS-FM	96.1		CJMS-FM	94.3		CHLT-FM	102.7	Verdun, Que.	CFMS-FM	98.9
Hamilton, Ont.	CHML-FM	95.3	Oshawa, Ont.	CKGM-FM	97.7	Sherbrooke, Que.			Victoria, B.C.	CKVL-FM	96.9
Kamloops, B.C.	CFM-FM	98.3	Ottawa, Ont.	CKLB-FM	93.5	St. Catharines, Ont.			Windsor, Ont.	CKWM-FM	93.9
Kelowna, B.C.	CJOV-FM	104.7		CBO-FM	103.3		CKTB-FM	97.7	Winnipeg, Man.	CJOB-FM	97.5
Kentville, N.S.	CKWM-FM	97.7		CFMO-FM	93.9	Sudbury, Ont.	CKSO-FM	92.7		CBW-FM	98.3
Kingston, Ont.	CFRC-FM	91.9	Penttierton, B.C.	CKOK-FM	97.1	Sydney, N.S.	CJGB-FM	94.9		CKQM-FM	94.3
	CKLC-FM	99.5	Port Arthur, Ont.			Timmins, Ont.	CKGB-FM	94.5		CKY-FM	92.1
	CKWS-FM	96.3		CKPR-FM	94.3	Toronto, Ont.	CBC-FM	99.1			

World-Wide Short-Wave Stations

The shortwave section of *White's Radio Log* is an exclusive feature of RADIO-TV EXPERIMENTER magazine. This is a listing of the most active and most often reported stations, as compiled from reader reports sent in to us, from published schedules of the stations listed, and from actual monitoring at the official RADIO-TV EXPERIMENTER monitoring station, DX Central.

We invite our readers to send in their loggings for inclusion in these listings. Be sure to include the following information for each station reported: approximate frequency, callsign and/or station name, and time monitored in Eastern Standard Time (24 hour clock). Address your reports to: DX Central, White's Radio Log, RADIO-TV EXPERIMENTER, 505 Park Avenue, New York, N.Y. 10022, U.S.A.

All times shown in these listings are Eastern Standard Time, 24 hour clock. For example, our listing of 0800 would mean 8:00 AM EST, and our listing of 1608 would be 4:08 PM EST. For conversion to other time zones, subtract 1 hour for CST, 2 hours

for MST, 3 hours for PST (0900 PST is 1200 EST).

The following abbreviations are used: BC-Broadcasting Company, Corporation or System; E- Emissora; R- Radio; V- Voice or Voz.

We are indebted to the following DX reporters for making this listing possible.

Edward J. Huttie, Wescoesville, Pa.
 Bill Wickersham, Detroit, Mich.
 Elmer E. Clark, Cincinnati, Ohio
 Robert Carr, Danville, Que.
 Larry Samp, Milwaukee, Wisc.
 Steve Levine, West Hartford, Conn.
 John Boxall, Toronto, Ont.
 David Benson, Weston, Conn.
 Verle E. Miller, Nebraska City, Nebr.
 Tom Sangston, Tacoma, Wash.
 David Knowlton, Spokane, Wash.
 Anne Raby, Picton, Ont.
 Marc DeLorenzo, Hyannis, Mass.
 Harry Davis, Cliffside Park, N. J.
 Louis Walker, Winter Park, Fla.
 Kerry Matthews, Miami Beach, Fla.
 Andre Fredette, Berthierville, Que.
 Thomas E. Nichols, Guam
 Bruce Gray, Greenville, N. C.
 Dan Gaylord, Longview, Wash.
 Robert Wild, Kansas City, Mo.

kc/s	Call	Name	Location	EST	kc/s	Call	Name	Location	EST	
2425	—	Rhodesian BC	Gwelo, Rhodesia	2255	5960	XEUMT	R. Universidad	Sisoguichi, Chih., Mex.	1800	
3205	VQO3	Solomon Is. BC	Honiara, Solomon Is.	0315	5970	—	R. Canada	Montreal, Que.	2000	
3215	—	Azad Kashmir R.	(clandestine)	1200	5980	PCJ	R. Nederland	Hilversum, Netherlands	0530	
—	—	R. Club Mozamb.	Lourenco Marques, Mozamb.	1530	—	ZFY	R. Demerara	Georgetown, Br. Guiana	0440	
3220	VTW3	R. Tarawa	Betio, Tarawa, Gilb. Is.	0500	—	VRH6	Fiji BC	Suva, Fiji Is.	2330	
3222	—	R. Mauretania	Nouakchott, Mauret.	1730	5983	4VB	V. de la Revolucion	Port au Prince, Haiti	2230	
3260	—	R. Club Mozamb.	Lourenco Marques, Mozamb.	1600	5990	—	R. Habana	Havana, Cuba	2200	
3265	HIRM	R. Sol	Higüey, Sto. Domingo	1800	—	—	R. Sweden	Stockholm, Sweden	2000	
3277	—	R. Kashmir	Srinigan, Kashmir	1045	5995	—	R. Warsaw	Warsaw, Poland	1400	
3280	—	R. Maldiva Is.	Male, Maldiva Is.	0700	6000	—	R. Americas	Swan Island	1930	
3295	—	All India R.	Jullundur, India	0900	—	TGTA	R. Sonora	Guatemala City, Guat.	2330	
3300	—	R. Club Mozamb.	Lourenco Marques, Mozamb.	1500	6005	CFCX	CFCX	Montreal, Que.	0615	
3304	VL8BD	R. Daru	Daru, Papua	0200	6010	VRH7	Fiji BC	Suva, Fiji Is.	1700	
3306	—	Rhodesian BC	Gwelo, Rhodesia	2230	—	ETLF	R. V. Gospel	Addis Ababa, Ethiopia	1045	
3315	—	R-TV Francaise	Ft. de France, Martinique	2035	6015	—	R. Habana	Havana, Cuba	0230	
3316	—	Sierra Leone BC	Freetown, Sierra Leone	0100	6025	—	R. Portugal	Lisbon, Portugal	1645	
3350	—	Ghana BC	Accra, Ghana	0030	—	PCJ	R. Nederlands	Hilversum, Netherlands	0530	
3356	—	Bechuanaland BC	Gaberones, Bechuanaland	1130	6030	DZH6	Far East BC	Manila, Philippines	0445	
3366	—	Ghana BC	Accra, Ghana	0030	6037	TIFC	Faro del Caribe	San Jose, C.R.	2200	
3376	HIAD	R. San Juan	San Juan, Sto. Domingo	2300	6045	—	Deutsche Welle	Rwanda	0015	
—	—	E. Oficial	Luanda, Angola	1530	6055	—	R. Prague	Prague, Czech.	1003	
3385	HIDA	R. Hit Musical	Santiago, Sto. Domingo	1830	6060	—	R. Habana	Havana, Cuba	2200	
3390	—	V. del Rio Tarqui	Cuenca, Ecu.	2230	6070	CFRX	CFRX	Toronto, Ont.	1055	
3396	—	Rhodesian BC	Gwelo, Rhodesia	2255	6075	HRMH5	V. del Junco	Honduras	0745	
3420	—	Ghana BC	Accra, Ghana	0050	—	DMQ6	Deutsche Welle	Cologne, W. Germany	2130	
3835	HCWN1	V. del Triunio	Quito, Ecuador	2340	—	—	R. Ceylon	Colombo, Ceylon	0945	
3883	—	R. Club Cabo Verde	Cape Verde Is.	1600	6085	PCJ	R. Nederlands	Hilversum, Netherlands	1400	
3930	CR1AC	R. Barlavento	Sao Vicente, Cape Verde Is.	1700	6090	H13U	R. Sr. Domingo TV	Santo Domingo, Sto. Domingo	2000	
3935	VRH12	Fiji BC	Suva, Fiji Is.	1300	—	—	VTVN	Dalat, S. Vietnam	2240	
3947	HCDY4	R. Iris	Esmeraldas, Ecu.	1937	6110	GSL	BBC	London, England	1900	
3953	MCM	BBC	London, England	1900	6125	ORU	Brussels Calling	Brussels, Belgium	1900	
3980	VRH13	Fiji BC	Suva, Fiji Is.	1300	6130	CHNX	CHNX	Halifax, N.S.	1130	
3985	—	Escuelas R.	Riobamba, Ecuador	0530	6140	—	R. Nac. Espana	Madrid, Spain	0400	
3995	VQO3	Solomon Is. BC	Honiara, Sol. Is.	0315	6150	—	R. S. Africa	Paradys, S. Africa	2200	
4684	—	V. of Vietnam	Hanoi, N. Vietnam	1715	6155	—	R. Baghdad	Baghdad, Iraq	2130	
4750	ZYF23	R. Maranhao	San Luis, Brazil	2200	—	OEI21	Oesterr. R.	Vienna, Austria	1800	
4770	HCMX4	R. Centi	Portoviejo, Ecuador	0600	—	—	V. de Revol.	Conakry, Guinea, Rep.	0100	
4785	—	R. Bamako	Bamako, Mali	0200	6160	HSK4	R. Thailand	Bangkok, Thailand	2315	
4795	XZK2	Burma BC	Rangoon, Burma	0855	6175	—	R. Algiers	Algiers, Algeria	0130	
4828	—	Rhodesian BC	Gwelo, Rhodesia	0115	6185	HCJB	V. of the Andes	Quito, Ecuador	0100	
4835	—	R. Bamako	Bamako, Mali	0200	6190	TGFP	R. Nac. Tikal	Flores Peten, Guat.	2015	
4865	—	R. Brunei	Brunei	0900	6195	GRN	—	Budapest, Hungary	1700	
4870	YVKP	R. Tropical	Caracas, Venez.	1800	—	—	BBC	London, England	1745	
4877	—	VTVN	Saigon, S. Vietnam	0330	6210	TIGPH3	R-TV Marocaine	Rabat, Morocco	2330	
4890	—	ABC	Port Moresby, Papua	1500	6223	—	R. Monumental	San Jose, C.R.	1900	
—	—	YVKB	Caracas, Venez.	2130	6270	—	R. Tabriz	Tabriz, Iran	1300	
4900	YVNK	R. Juventud	Barquisimeteo, Venez.	2230	6270	—	R. Peking	Peking, China	1630	
4910	—	V. Revolucion	Conakry, Guinea Rep.	0430	6300	—	R. Peking	Peking, China	1300	
4915	HCMJ1	E. Gran Colombia	Quito, Ecuador	0015	6345	—	R. Peking	Peking, China	1635	
—	HCLR5	R. Trebol	Alausi, Ecuador	2300	6540	—	R. Pyongyang	Pyeong, N. Korea	1400	
—	—	Ghana BC	Accra, Ghana	0030	6850	—	Rozglosnia	Warsaw, Poland	0700	
4920	—	Cambodian BC	Phnom Penh, Cambodia	2047	7100	—	—	Mercerska	Karachi, Pakistan	1445
4945	—	Springbok R.	Paradys, S. Africa	1200	7105	—	—	R. Pakistan	Madrid, Spain	0400
4965	—	R. Santa Fe	Bogota, Colombia	2030	7113	—	—	R. Nac. Espana	Madrid, Spain	0400
4967	CR6RE	R. Club Malanje	Malanje, Angola	1615	7120	XZK4	Burma BC	Rangoon, Burma	0200	
—	—	R. Kuwait	Kuwait	2130	7125	—	—	R. Vilnius	Vilnius, Lith. SSR	1730
4970	YVLK	R. Rumbos	Caracas, Venez.	2130	7130	BED7	V. Free China	London, England	1745	
4975	—	S. African BC	Paradys, S. Africa	1100	7135	—	BBC	London, England	1745	
4984	—	Ghana BC	Accra, Ghana	0030	7145	—	Lisbon Calling	Lisbon, Portugal	0300	
4995	HRQW	R. Juventud	Tela, Honduras	2100	7155	—	R. Warsaw	Warsaw, Poland	1700	
5010	YVRW	R. Bocono	Bocono, Venez.	1900	7175	—	V. of America	Okinawa, Ryukyu Is.	0715	
5020	HJFW	Trans. Caldas	Manizales, Col.	1100	7180	—	—	Rhodessian BC	Gwelo, Rhodesia	0500
5021	CR6RH	R. Club da Huila	Sa da Banderia, Angola	1730	7185	HSK7	R. Thailand	Bangkok, Thailand	2315	
5030	YVKM	R. Continente	Caracas, Venez.	1945	7195	—	—	R. Budapest	Budapest, Hungary	1700
5040	YVMA	R. Maturin	Maracaibo, Venez.	2000	7200	—	—	(clandestine)	0900	
5045	CP38	R. Antiplano	La Paz, Bolivia	0030	7225	—	—	V. Free Pakistan	(clandestine)	0900
5055	—	R. Singapore	Singapore	1130	7235	VUD	Lisbon Calling	Lisbon, Portugal	1645	
5188	OAXBF	R. Atlantida	Iquitos, Peru	2135	7265	—	—	All India R.	Delhi, India	1445
5805	—	R. Senaa	Sanaa, Yemen	1530	7270	—	—	R. Tirana	Tirana, Albania	1900
5874	HRNL	V. de Honduras	Tegucigalpa, Honduras	1945	7270	DMQ7	Deutsche Welle	Paradys, S. Africa	2200	
5950	—	R. Warsaw	Warsaw, Poland	1830	7302	—	—	Cologne, W. Germany	1130	
—	—	R. Peking	Peking, China	1500	7306	—	—	(clandestine)	2345	
5955	CKCX	R. Canada	Montreal, Que.	0055	7306	—	Rozglosnia	Warsaw, Poland	0500	
—	TGNA	R. Cultural	Guatemala City, Guat.	2200	7320	—	Mercerska	Moscow, USSR	2200	
—	—	—	—	—	7330	—	—	Kiev, USSR	1930	
—	—	—	—	—	7345	—	—	Prague, Czech.	1000	

kc/s	Call	Name	Location	EST	kc/s	Call	Name	Location	EST
7450	—	R. Maldive Is.	Male, Maldive Is.	0430	11755	ETLF	R. V. of Gospel	Addis Ababa, Ethiopia	1200
7520	—	Vatican R.	Vatican City	1950	—	HCJB	V. of the Andes	Quito, Ecuador	0100
7580	—	R. Pyongyang	Pyongyang, N. Korea	1400	11770	—	Deutsche Welle	Rwanda	1510
9009	4XB31	Kol Yisrael	Jerusalem, Israel	1540	11775	ZYZ28	R. Mayrink Veiga	Rio de Janeiro, Brazil	2000
9390	—	R. Tirana	Tirana, Albania	1900	11780	—	BBC	London, England	1615
9420	—	U.N. Radio	Seoul, Korea	0245	11795	—	R. Central do Brazil	Rio de Janeiro, Brazil	1455
9480	—	R. Peking	Peking, China	0620	11800	—	R. Nac. de Espana	Tenerife, Canary Is.	1900
9500	—	R. Peking	Peking, China	0600	—	—	R. Japan	Tokyo, Japan	1200
9505	—	R. Japan	Tokyo, Japan	1200	11820	—	Trans World R.	Bonaire, Neth. W.I.	1600
9510	G5B	BBC	London, England	1745	11825	BED69	V. of Free China	Taipei, Formosa	2150
9515	ETLF	R. V. of Gospel	Addis Ababa, Ethiopia	2015	11835	CXA9	E. El Espectador	Montevideo, Uruguay	1900
9520	OZFS	V. of Denmark	Copenhagen, Denmark	0400	—	—	R. Algiers	Algiers, Algeria	0400
9525	—	R. S. Africa	Paradys, S. Africa	1345	11840	—	V. of Vietnam	Hanoi, N. Vietnam	0030
—	PCJ	R. Netherlands	Hilversum, Netherlands	0230	—	—	U.N. Radio	Monrovia, Liberia	0200
—	—	R. Habana	Havana, Cuba	1200	11855	—	Deutsche Welle	Rwanda	0930
9550	—	R. Habana	Havana, Cuba	2200	11860	BED45	V. of Free China	Taipei, Formosa	2150
—	—	R. Prague	Prague, Czech.	1000	11866	—	V. of Afr. Fraternity	Elisabethv., Katanga	1000
9580	G5C	BBC	London, England	1700	11875	ETLF	R. V. of Gospel	Addis Ababa, Ethiopia	1330
9593	—	Hellenic Nat'l BC	Athens, Greece	1000	11880	WRUL	R. N.Y. Worldwide	New York, N.Y.	1500
9540	ZL2	R. New Zealand	Wellington, N.Z.	0515	11885	CXA68	R. Sarandi	Montevideo, Uruguay	1800
9560	—	R. Japan	Tokyo, Japan	1200	11895	—	Windward I. BC	St. Georges, Grenada	1700
9565	ETLF	R. Berlin Int'l.	Berlin, E. Germany	2000	11900	—	R. S. Africa	Paradys, S. Africa	1345
9570	—	RAI	Rome, Italy	1615	11905	—	Deutsche Welle	Rwanda	0130
9590	PCJ	R. Netherlands	Hilversum, Netherlands	1400	11905	WRUL	R. N.Y. Worldwide	New York, N.Y.	1645
9610	LLG	R. Norway	Oslo, Norway	2200	—	—	RAI	Rome, Italy	1615
9615	—	R. Peking	Peking, China	0615	11910	HCJB	V. of the Andes	Quito, Ecuador	0100
—	—	R. Nac. Espana	Madrid, Spain	1100	—	HSK9	R. Thailand	Bangkok, Thailand	2315
9625	—	Kol Yisrael	Jerusalem, Israel	1540	11920	ETLF	R. V. of Gospel	Jerusalem, Israel	0400
—	—	R. Canada	Montreal, Que.	1800	—	—	Kol Yisrael	Addis Ababa, Ethiopia	2015
9630	—	R. Canada	Montreal, Que.	1615	11925	—	Deutsche Welle	Cologne, W. Germany	1815
9640	DMQ9	Deutsche Welle	Cologne, W. Germany	2130	11930	—	R. Habana	Havana, Cuba	2200
9645	—	Lisbon Calling	Lisbon, Portugal	0300	11970	PCJ	R. Singapore	Singapore	1130
—	TIFC	Faro del Caribe	San Jose, C.R.	2200	11990	—	R. Prague	Prague, Czech.	0230
—	—	Vatican Radio	Vatican City	1930	12010	—	R. Peking	Peking, China	2110
—	HCJB	R. Maldive Is.	Male, Maldive Is.	0245	12095	GRF	BBC	London, England	1615
9650	—	V. of the Andes	Quito, Ecuador	0100	15070	GWC	BBC	London, England	1500
—	—	R. Revolucion	Conakry, Guinea Rep.	1100	15085	—	R. Peking	Peking, China	2130
9655	—	V. Free China	Taipei, Formosa	0500	15095	—	R. Peking	Peking, China	2130
9660	—	R. Nac. Espana	Tenerife, Canary Isl.	0900	15110	HCJB	V. of the Andes	Quito, Ecuador	1800
9680	—	R. Habana	Havana, Cuba	0500	15120	—	R. Warsaw	Warsaw, Poland	0700
—	—	R. Moscow	Moscow, USSR	1800	15125	—	V. of Free China	Taipei, Formosa	1030
9685	—	R. Algiers	Algiers, Algeria	0130	15140	HLK41	V. of Free Korea	Seoul, Korea	0200
—	BED73	V. of Free China	Taipei, Formosa	0500	15155	G5F	BBC	London, England	1615
—	ZYZ27	R. Gazeta	Sao Paulo, Brazil	2115	15165	WRUL	R. N.Y. Worldwide	New York, N.Y.	0700
9690	VUD	All India R.	Delhi, India	1445	15165	—	Idhaat al Jumhuriyah	Damascus, Syria	1100
9695	—	R. Nac. Espana	Madrid, Spain	0400	15190	—	R. Canada	Montreal, Que.	1800
—	DMQ9	Deutsche Welle	Rwanda	1015	15220	—	R. Pyongyang	Pyongyang, N. Korea	2300
9700	—	R. Sofia	Sofia, Bulgaria	1900	15258	—	R. Tananarive	Tananarive, Malagasy Rep.	1100
9705	ETLF	R. V. of Gospel	Addis Ababa, Ethiopia	0930	15260	G5I	BBC	London, England	1500
—	—	R. Sweden	Stockholm, Sweden	2000	15315	—	U.N. Radio	Monrovia, Liberia	0200
9715	PCJ	R. Netherlands	Hilversum, Netherlands	0530	15320	—	R. Canada	Montreal, Que.	1615
9720	—	V. of Free China	Taipei, Formosa	1030	15345	BED49	V. of Free China	Taipei, Formosa	2150
9725	4XB51	Kol Yisrael	Jerusalem, Israel	1540	15370	ZYC9	R. Tupi	Rio de Janeiro, Brazil	1500
9740	WRUL	R. N.Y. Worldwide	New York, N.Y.	1600	15375	—	R-TV Marocaine	Rabat, Morocco	0900
9745	HCJB	V. of Andes	Quito, Ecuador	0100	15383	CXA60	R. Sarandi	Montevideo, Uruguay	1530
—	—	R. Bamako	Bamako, Mali	0200	15385	WRUL	R. N.Y. Worldwide	New York, N.Y.	0700
9750	—	Springbok R.	Paradys, S. Africa	0900	15410	—	BBC	London, England	0600
9755	—	R-TV Francais	Paris, France	1915	—	ETLF	R. V. of Gospel	Addis Ababa, Ethiopia	0830
9760	—	V. of Vietnam	Hanoi, N. Vietnam	0000	15425	PCJ	R. Netherlands	Hilversum, Netherlands	0930
9765	ETLF	R. V. of Gospel	Addis Ababa, Ethiopia	1000	15440	WRUL	R. N.Y. Worldwide	New York, N.Y.	0900
9860	—	R. Peking	Peking, China	1430	17720	—	R. Liberty	Taipei, Formosa	1730
9865	YDF8	V. of Indonesia	Djakarta, Indonesia	1200	17730	WRUL	R. N.Y. Worldwide	New York, N.Y.	1000
9916	VUD	All India R.	Delhi, India	1445	17740	GRQ	BBC	London, England	1500
9920	—	Hellenic Nat'l BC	Athens, Greece	0015	17745	—	R. Peking	Peking, China	0120
11640	VUD	All India R.	Delhi, India	1445	17780	—	R. Liberty	Taipei, Formosa	1730
—	—	V. of Vietnam	Hanoi, N. Vietnam	0000	17810	PCJ	R. Netherlands	Hilversum, Netherlands	0930
11705	—	R. Tirana	Tirana, Albania	1700	17835	KA2XFW	(radar signal)	Pullman, Wash.	1407
11710	LRA35	R. Nacional	Buenos Aires, Argentina	1500	17839	—	V. of Islam	Jeddah, Saudi Arabia	0940
11720	—	R. Nacional	Brasilia, Brazil	1730	17845	WRUL	R. N.Y. Worldwide	New York, N.Y.	0700
—	—	R. Canada	Montreal, Que.	2000	17870	GRP	BBC	London, England	1500
11725	—	R. Canada	Montreal, Que.	1800	21540	—	R. Prague	Prague, Czech.	0300
—	BED75	V. of Free China	Taipei, Formosa	1030					
11730	PCJ	R. Netherlands	Hilversum, Netherlands	1100					
11735	CXA7	R. Oriental	Montevideo, Uruguay	1800					
11740	VUD	All India R.	Delhi, India	1445					
—	CEI174	R. Nuevo Mundo	Santiago, Chile	2130					
11750	—	Far East Network	Tokyo, Japan	2100					

A Light for Safety

Continued from page 46

the lamp, you can eliminate items H, I, and L in the materials list and place a 1/2-inch conduit bushing (same as the one shown (E) in the drawing) over the lower end of the three-foot length of rigid conduit (G) which supports the lamp fixture. Lead-covered underground cable is quicker and easier to install—where your electrical code allows you to use it—and more economical since it costs slightly less per foot than the conduit alone (without wire).

Painting. When completed, the entire above-ground portion of the installation (including the hubcap) must be painted. All metal parts should receive two coats of aluminum paint or a good grade of outside, oil-base paint of green to match the shrubbery or a color to match the house or the patio furniture. Remember to paint the inside of the hubcap white or aluminum for more reflected light.

Not only does this little fixture fulfill its purpose perfectly but it is most economical to operate. Even burning throughout each night the power consumption of a 10-watt bulb figures out to about 10¢ a month! Higher-wattage lamps would add a few more pennies each month.

This fixture has proven so attractive, both day and night, that several more hubcaps were procured and made into additional fixtures to illuminate several garden areas. Many guests and other visitors have made admiring comments about the fixtures.

A Bonus. In addition to serving as a step and garden light, during the Christmas-holiday season the normal lamp bulbs are

PARTS LIST

- A—1/2-inch galvanized pipe cap (Hdw)
- B—Automobile hubcap (or whatever pleases your fancy)
- C—1/2-inch rigid conduit locknut (galvanized) (Elect)
- D—2 by 1/2-inch galvanized-iron pipe nipple (Hdw)
- E—1/2-inch rigid conduit bushing (galvanized) (Elect)
- F—Utility outlet box, surface mount (galvanized) (Elect)
- G—1/2-inch galvanized-iron rigid conduit (3-foot or length to suit installation) (Elect)
- H—1/2-inch galvanized-iron rigid conduit (length to reach power source—see text) (Elect)
- I—1/2-inch conduit (type LBI) (Elect)
- J—Cover plate for single utility box (with single lamp socket) (Elect)
- K—10-watt (or larger) light bulb
- L—Blank cover with gasket (for conduit I)

Estimated cost: \$4.00

Estimated construction time: 1 hour

Estimated cost does not include additional conduit, wire or underground cable required to reach power junction box. **Elect**—means that item is an electrical supply; **Hdw**—is hardware or plumbing supply item.

replaced with red and green bulbs for a festive effect.

The sturdy hubcaps can be replaced with any one of a large number of plastic items—such as inverted translucent waste baskets, bowls, serving trays—that never need painting. To keep from attracting many flying insects, at night, use yellow lamps and translucent plastics. Use different length pipe nipples (D) to adjust height of reflector above lamp. Aluminum foil can be used to line inside of reflector—keep it smooth for concentrated light and wrinkle it for diffused light. ■

Positive Feedback

Continued from page 10

It is even possible to reproduce the speaker's original accent though only as a loud husky whisper. Only one or two hours practice are required for perfect operation.

The Faraday Artificial Voice consists of a noise generator and a transducer powered by a rechargeable battery. The transducer picks up vibrations from the throat and sends them to the generator, which is carried in a shoulder holster. ■



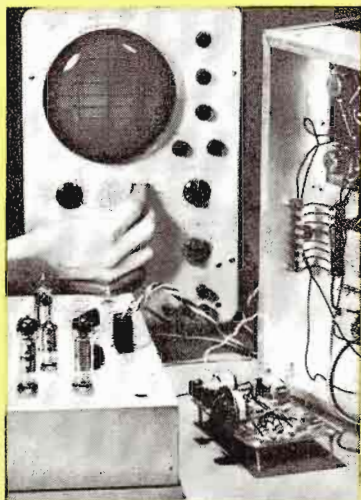
"Lady, I think I see your trouble already!"

BUILD, EXPERIMENT, EXPLORE, DISCOVER WITH NRI CUSTOM-DESIGNED TRAINING KITS



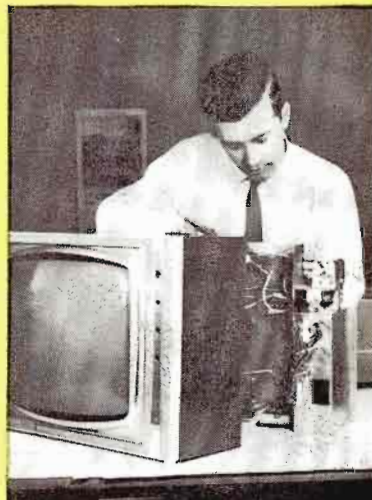
BUILD YOUR OWN PHONE/CODE TRANSMITTER

This is just one of seven training kits programmed into NRI's Complete Communications course. You get actual practice in building your own crystal-controlled, phone/code transmitter and putting it on the air. You experiment with modulation, "clamping" circuits, key filters, other aspects of commercial transmitter operation. Can be put on the air simply by attaching an antenna and complies with FCC regulations. As with all NRI training kits, you get the most modern features and parts.



BUILD ACTUAL ANALOG COMPUTER CIRCUITS

Industry, business offices, the government and military all need trained Electronics Technicians. NRI's Industrial Electronics course prepares you. You progress through 10 carefully designed training kits, topping off your practical experience phase of training by experimenting with feedback control systems, analog computers and digital computer elements. You actually solve problems on this analog computer you build yourself. This is the *practical*, fast way to a good paying, career position.



BUILD A CUSTOM-ENGINEERED TELEVISION RECEIVER

Want to earn \$3 to \$5 an hour in spare time? Want your own part-time or full-time business? In Radio-TV Servicing you learn to install, maintain, service radios, TV sets, hi-fi and stereo, other home Electronics equipment. In your training are eight training kits, including this complete, modern, slim-line TV receiver. You build it yourself, become familiar with components and circuits, learn servicing procedures . . . and earn extra money as you train. National Radio Institute, Washington, D.C.

Join the Thousands Who Gained Success with NRI



"I am Frequency Coordinator for the 11th Naval District. The course was priceless." J. J. JENKINS, San Diego, Calif.



"Many thanks to NRI. I hold FCC License, am master control engineer with KXIB-TV." R. L. WOOD, Fargo, N.D.



"I am a Senior Engineering Aide. Without NRI I would still be working in a factory at a lower standard of living." D. F. CONRAD, Reseda, Calif.



SEE OTHER SIDE ▶

FIRST CLASS
PERMIT
NO. 20-R
Washington, D.C.

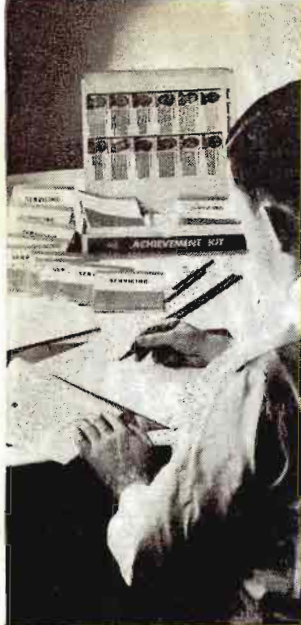
BUSINESS REPLY MAIL

NO POSTAGE STAMP NECESSARY IF MAILED IN THE UNITED STATES

POSTAGE WILL BE PAID BY

NATIONAL RADIO INSTITUTE
3939 Wisconsin Avenue
Washington, D.C. 20016





GET FAST START WITH NEW ACHIEVEMENT KIT

Delivered to your door—everything you need to make a significant start in the Electronics field of your choice. An outstanding, logical way to introduce you to home-study training. It includes your first set of lesson texts and all the "classroom tools" you need. No other school has anything like the new NRI Achievement Kit.



ELECTRONICS COMES ALIVE WITH NRI TRAINING KITS

Nothing is as effective as learning by doing . . . and NRI pioneered the "home lab" technique of training. NRI invites comparison with training equipment offered by any other school. Begin NOW this exciting program of practical learning. Make the skills of the finest Electronic Technicians your own. Mail card below.



"BITE SIZE" TEXTS PROGRAM YOUR TRAINING

Certainly, lesson texts are necessary. NRI's programmed texts are as simple, direct and well illustrated as 50 years of teaching experience can make them. They are carefully programmed with NRI training kits to make the things you read about come alive. You experience all the excitement of original discovery.



HOBBY? CAREER? MAIL CARD NOW TO NRI

Whatever your need . . . whatever your education . . . there's an NRI training plan to fit your requirements. Choose from three major courses or select one of seven special courses in particular Electronics subjects. Check the postage-free card below, fill in and mail. National Radio Institute, Washington, D.C.

DISCOVER THE EASE AND EXCITEMENT OF LEARNING ELECTRONICS THE NRI WAY

SEE OTHER SIDE

National Radio Institute, Electronics Div.
Washington, D.C. 20016

5-046

Please send me your catalog. I have checked the field(s) of most interest to me. (No salesman will call.)

- | | |
|--|---|
| <input type="checkbox"/> TV-Radio Servicing | <input type="checkbox"/> Basic Electronics |
| <input type="checkbox"/> Industrial Electronics | <input type="checkbox"/> Electronics for Automation |
| <input type="checkbox"/> Complete Communications | <input type="checkbox"/> Aviation Communications |
| <input type="checkbox"/> FCC License | <input type="checkbox"/> Marine Communications |
| <input type="checkbox"/> Math for Electronics | <input type="checkbox"/> Mobile Communications |

Name _____ Age _____

Address _____

City _____ State _____ Zip Code _____

Accredited Member National Home Study Council



PICK THE TRAINING PLAN OF YOUR CHOICE AND MAIL CARD FOR FREE CATALOG



OUR 50TH YEAR OF LEADERSHIP IN ELECTRONICS TRAINING