

# RADIO-TV EXPERIMENTER

BURUARY-MARCH 75c

**WHITE'S  
RADIO  
LOG**   
AM-FM STATIONS  
WORLD-WIDE  
SHORT-WAVE LISTINGS!

## ONE-EVENING PROJECTS

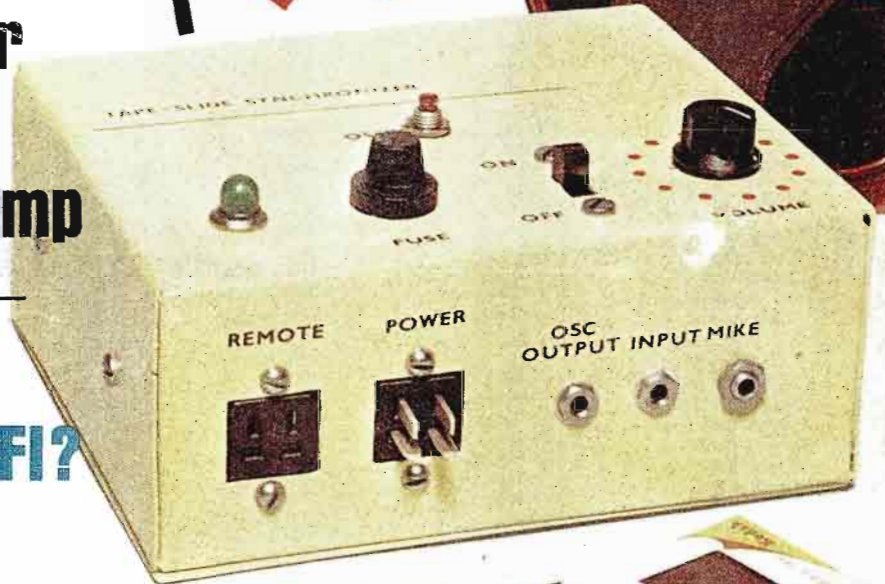
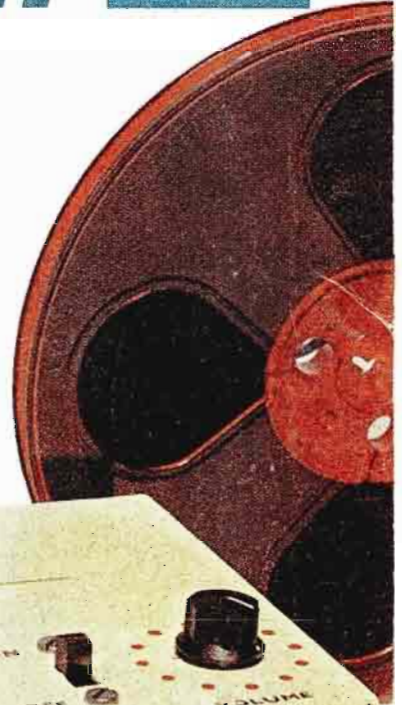
Antique  
'Phone Radio

Universal  
AC Ammeter

Perf-Board  
Phono Preamp

**SIGHT  
&  
SOUND  
PROJECT**  
Sync Slides  
with Tape

(See  
page  
37)



**LOW BAD IS  
HIGHWAY HI-FI?**

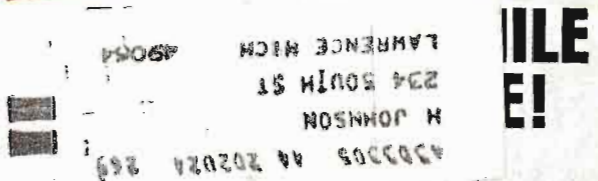
## TEST REPORTS

International C-12B  
Frequency Meter

Heathkit/Magnecord 1020  
4-Track Stereo Recorder

Knight-kit Safari III  
Portable CB Transceiver

**HAM-CB  
RULES  
CHANGES!**





### Introducing EICO's New "Cortina Series"!

Today's electro-technology makes possible near-perfect stereo at moderate manufacturing cost: that's the design concept behind the new EICO "Cortina" all solid-state stereo components. All are 100% professional, conveniently compact (3 1/8"H, 12"W, 8"D), in an esthetically striking "low silhouette." Yes, you can pay more for high quality stereo. But now there's no need to. The refinements will be marginal and probably inaudible. Each is \$89.95 kit, \$119.95 wired.

Model 3070 All-Silicon Solid-State 70-Watt Stereo

Amplifier: Distortionless, natural sound with unrestricted bass and perfect transient response (no inter-stage or output transformers); complete input, filter and control facilities; failure-proof rugged all-silicon transistor circuitry.

Model 3200 Solid-State FM/MPX Automatic Stereo Tuner: Driftless, noiseless performance; 2.4µV for 30db quieting; RF, IF, MX are pre-wired and pre-tuned on printed circuit boards — you wire only non-critical power supply.

# 7 New Ways to make Electronics more Fun!

Save up to 50% with EICO Kits and Wired Equipment.



You hear all the action-packed capitals of the world with the NEW EICO 711 "Space Ranger" 4-Band Short Wave Communications Receiver — plus ham operators, ship-to-shore, aircraft, Coast Guard, and the full AM band. 550KC to 30MC in four bands. Selective, sensitive super-het, modern printed circuit board construction. Easy, fast pinpoint tuning; illuminated slide-rule dials, logging scale; "S" meter, electrical bandspread tuning, variable BFO for CW and SSB reception, automatic noise limiter. 4" speaker. Headphone jack. Kit \$49.95. Wired \$69.95.



More "ham" for your dollar than ever — with the one and only SSB/AM/CW 3-Band Transceiver Kit, new Model 753 — "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, silicon solid-state VFO. Unequaled performance, features and appearance. Sensationally priced at \$189.95 kit, \$299.95 wired.



### NEW EICO 888 Solid-State Engine Analyzer

Now you can tune-up, troubleshoot and test your own car or boat.

Keep your car or boat engine in tip-top shape with this completely portable, self-contained, self-powered universal engine analyzer. Completely tests your total ignition/electrical system. The first time you use it — just to tune for peak performance — it'll have paid for itself. (No tune-up charges, better gas consumption, longer wear) 7 instruments in one, the EICO 888 does all these for 6V and 12V systems; 4, 6 & 8 cylinder engines.

The EICO 888 comes complete with a comprehensive Tune-up and Trouble-shooting Manual including RPM and Dwell angle for over 40 models of American and Foreign cars. The Model 888 is an outstanding value at \$44.95 kit, \$59.95 wired.



New EICOCRAFT's easy-to-build solid-state electronic TruKits: a great for beginners and sophisticates alike. As professional as the standard EICO line — only the complexity is reduced to make kit-building faster, easier, lower cost. Features: pre-drilled copper-plated etched printed

circuit boards; finest parts; step-by-step instructions; no technical experience needed — just soldering iron and pliers. Choose from: Fire Alarm; Intercom; Burglar Alarm; Light Flasher; "Mystifier"; Siren; Code Oscillator; Metronome; Tremolo; Audio Power Amplifier; AC Power Supply. From \$2.50 per kit.



There's more PUNCH in the new EICO "Sentinel-Pro" 23-channel Dual Conversion 5-watt CB Transceiver. New advanced Big-Reach "Range Plus" circuitry lengthens "talk-power" reach. Automatic noise limiter super-sensitizes for weak signals. "Finger Tip" antenna loading and transmitter tuning controls. 23 crystal-controlled transmit and receive channels — all crystals supplied. Rear-illuminated S/R/F meter. Transistorized 12VDC and 117VAC dual power supply. Wired only, \$169.95. Positive-Negative Ground/ Mobile Marine Modification kit (optional \$5.95).



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. \$109.95 kit, \$149.05 wired.

### FREE 1967 CATALOG RTVE-12

EICO Electronic Instrument Co., Inc.  
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:

- |   |  |
|---|--|
| <input type="checkbox"/> test equipment         | <input type="checkbox"/> ham radio           |
| <input type="checkbox"/> stereo/hi-fi           | <input type="checkbox"/> Citizens Band radio |
| <input type="checkbox"/> automotive electronics |  |

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_



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 exclusive Uni-Probe. \$29.95 kit, \$49.95 wired.

Cast your ballot for a successful future!

# 253 I.C.S. COURSES



I.C.S. is the oldest, largest school of its kind. Over 200 courses for men and women. High school, business, secretarial, interior decorating, engineering. One for you. Direct, job-related. Bedrock facts and theory plus practical applica-

tion. You learn from experts. Diploma to graduates.

Clip and mail the coupon **now**. You'll receive, absolutely **FREE**, 3 valuable booklets that have helped thousands. But don't delay. Cast your "ballot" for future success!



**ACCOUNTING**  
Accounting for Business  
Programmers  
Accounting (Canada)  
Auditing  
Business Law  
Cost Accounting  
C.P.A. Review  
Estate & Trust Accounting  
Executive Accounting  
Federal Tax  
General Accounting  
Industrial Accounting  
Junior Accounting  
Legal Accounting  
Office Accounting  
Personal Income Tax & Social Security  
Practical Accounting  
Public Accounting  
Small Business Accounting  
Starting & Managing a Small Bookkeeping Service

**ARCHITECTURE AND BUILDING**  
Arch. Drawing & Design  
Architecture  
Building Contractor  
Building Estimator  
Building Inspector  
Building Maintenance  
Carpenter-Building  
Carpentry & Millwork  
House Planning & Interior Design  
Mason  
Painting Contractor  
Reading Arch. Blueprints  
Review in Arch. Design & Practice  
Review of Mech. Systems in Buildings

**ART**  
Amateur Artist  
Commercial Art  
Commercial Cartooning  
Interior Decorating  
Oil Painting for Pleasure  
Show Card & Sign Prod.  
Show Card Writing  
Sign Painting & Designing  
Sketching & Painting

**AUTOMOTIVE**  
Automatic Transmission Specialist  
Automobile Body Rebuilding & Refinishing  
Automobile Electrical Tech.  
Automobile Engine Tune-Up

Automobile Technician  
Automotive Mechanic  
Diesel-Gas Motor Vehicle Engines

**BUSINESS**  
Advertising  
Basic Inventory Control  
Business Administration  
Business Management & Marketing  
Business Management & Production  
Canadian Business Courses  
COBOL Programming  
Condensed Business  
Practice

Direct Mail & Mail Order  
Advertising  
Industrial Psychology  
Magazine & Newspaper Advertising  
Managing a Small Store  
Marketing  
Marketing Research  
Modern Executive Management  
Office Automation  
Office Management  
Programming for Digital Computers  
Programming the IBM 1401 Computer  
Purchasing Agent  
Retail Business Management  
Retail & Local Advertising  
Retail Merchandising  
Retail Selling  
Systems and Procedures Analysis

**CHEMICAL**  
Analytical Chemistry  
Chemical Engineering  
Chemical Engineering Unit Operations  
Chemical Laboratory Tech.  
Chemical Process Operator  
Elements of Nuclear Energy  
General Chemistry  
Instrumental Laboratory Analysis

**CIVIL ENGINEERING**  
Civil Engineering  
Construction Engineering  
Highway Engineering  
Principles of Surveying  
Reading Highway Blueprints  
Sanitary Engineering  
Sewage Plant Operator

Structural Engineering  
Surveying and Mapping  
Water Works Operator

**DRAFTING**  
Architectural Drafting  
Design Drafting  
Drafting Technology  
Electrical Drafting  
Electrical Engineering Drafting  
Electronic Drafting  
Introductory Mechanical Drafting  
Mechanical Drafting  
Pressure Vessel and Tank  
Print Reading  
Sheet Metal Layout for Air Conditioning  
Structural Drafting

**ELECTRICAL**  
Electric Motor Repairman  
Electrical Appliance Servicing  
Electrical Contractor  
Electrical Engineering (Power option or Electronic option)  
Electrical Engineering Tech.  
Electrical Instrument Tech.  
Power Line Design and Construction  
Power Plant Operator (Hydro or Steam Option)  
Practical Electrician  
Practical Lineman  
Reading Electrical Blueprints

**ENGINEERING (Professional)**  
Chemical  
Civil  
Electrical  
Mechanical  
Industrial Management for Engineers

**ENGLISH AND WRITING**  
Better Business Writing  
Free Lance Writing  
Introductory Tech. Writing  
Modern Letter Writing  
Practical English  
Short Story Writing

**HIGH SCHOOL**  
High School Business  
High School (Canada)  
High School College Prep. (Arts)  
High School College Prep. (Engineering & Science)

High School General  
High School Mathematics  
High School Secretarial  
High School Vocational

**LANGUAGES**  
(Edited by Berlitz)  
French German Spanish Italian

**LEADERSHIP**  
Basic Supervision  
Industrial Foremanship  
Industrial Supervision  
Personality Development  
Personnel-Labor Relations

**MATHEMATICS**  
Advanced Mathematics  
Mathematics and Mechanics for Engineering  
Mathematics and Physics for Engineering  
Mathematics & Physics for Technicians  
Modern Elementary Statistics

**MECHANICAL**  
Aircraft & Power Plant Mechanic  
Industrial Engineering  
Industrial Instrumentation  
Machine Design  
Mechanical Engineering  
Quality Control  
Safety Engineering Tech.  
Tool Design  
Value Analysis

**PETROLEUM**  
Natural Gas Production & Transmission  
Oil Field Technology  
Petroleum Production  
Petroleum Production Engineering  
Petroleum Refinery Oper.  
Pipeline Engineering

**PLASTICS**  
Plastics Technician

**PLUMBING, HEATING, AIR CONDITIONING**  
Air Conditioning  
Air Conditioning, Maint.  
Domestic Heating with Oil & Gas  
Domestic Refrigeration Heating  
Heating & Air Conditioning with Drawing  
Industrial Air Conditioning

Industrial Heating  
Plumbing  
Plumbing & Heating  
Practical Plumbing  
Refrigeration & Air Conditioning  
Steam Fitting

**PULP AND PAPER**  
Paper Machine Operator  
Paper Making  
Pulp Making  
Pulp & Paper Engineering  
Pulp & Paper Making

**SALESMANSHIP**  
Creative Salesmanship  
Real Estate Salesmanship  
Sales Management  
Salesmanship

**SECRETARIAL**  
Clerk-Typist  
Commercial  
Legal Secretary  
Medical Secretary  
Professional Secretary  
Shorthand  
Stenographic  
Typewriting

**SHOP PRACTICE**  
Drill Operator  
Foundry Practice  
Industrial Metallurgy  
Lathe Operator  
Machine Shop Inspection  
Machine Shop Practice  
Machine Shop Practice & Toolmaking

**METALLURGICAL ENGINEERING**  
Technology  
Mining Machine Operator  
Multicraft Maintenance Mechanic  
Practical Millwrighting  
Reading Shop Prints  
Rigging  
Tool Engineering Technolgy  
Tool Grinder  
Toolmaking  
Turret Lathe Operator  
Welding Engineering Tech.

**STEAM AND DIESEL POWER**  
Boiler Inspector  
Industrial Building Engineer  
Power Plant Engineering  
Stationary Diesel Engines  
Stationary Fireman  
Stationary Steam Eng.

**TEXTILES**  
Carding  
Carding and Spinning  
Dyeing & Finishing  
Loom Fixing Spinning  
Textile Designing  
Textile Technology  
Textile Mill Supervisor  
Warping and Weaving

**TRAFFIC**  
Motor Traffic Management  
Railway Rate Clerk  
Traffic Management

**TV-RADIO-ELECTRONICS**  
Communications Technolgy  
Electronic Fundamentals  
Electronic Fundamentals (Programed)

Electronic Fundamentals with Electr. Equip. Tr'n'g  
Electronic Instrumentation & Servo Fundamentals  
Electronic Principles for Automation  
Electronics and Applied Calculus  
Electronics Technician  
First Class Radiotelephone License

Fundamentals of Electronic Computers  
General Electronics  
General Electronics with Electronic Equip. Tr'n'g  
Hi-Fi Stereo and Sound Systems Servicing  
Industrial Electronics  
Industrial Electronics Engineering  
Industrial Electronics Engineering Technician  
Practical Radio-TV Eng'g  
Practical Telephony  
Principles of Radio-Electronic Telemetry  
Principles of Semiconductor-Transistor Circuits  
Radio Servicing with Equipment Training  
Radio & TV Servicing with Equipment Training  
Second Class Radiotelephone License  
Sound Systems Specialist  
Telephony, Electronics and Radio Communications  
TV Receiver Servicing  
TV Technician

Clip coupon—and take your first big step to real success! I.C.S., Scranton, Penna. 18515 Accredited Member, National Home Study Council

**INTERNATIONAL CORRESPONDENCE SCHOOLS I C S**

BOX 03974M, Scranton, Penna. 18515 (In Hawaii: P.O. Box 418, Honolulu. In Canada: I.C.S. Canadian, Ltd. In other countries: I.C.S. World, Ltd.)

Without cost or obligation, rush me "HOW to SUCCEED," the opportunity booklet about the field I have indicated below, and a sample lesson. New! Special Package for Women! Special training programs for industry Convenient Payment Plan

Name of the course in which you are interested \_\_\_\_\_

Name \_\_\_\_\_ Age \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ (Please indicate Mr. Miss Mrs.) State \_\_\_\_\_ Zip Code \_\_\_\_\_ Working Hours \_\_\_\_\_ A.M. to \_\_\_\_\_ P.M.

Occupation \_\_\_\_\_ Employed by \_\_\_\_\_

Approved for veterans under new G.I. Bill. Special rates to members of U.S. Armed Forces.

# RADIO-TV EXPERIMENTER

Cover photo by  
Leonard Heicklen

**NOW THERE ARE 138 RADIO  
SHACKS COAST TO COAST!**

Feb.-March 1967 CONTENTS/INDEX		Feature/ Facts	Theory/ Tips	Construction	Ham, CB/ SWL	Audio/ Hi-Fi	AM/ FM/TV	Test Bench	Related Subjects
☆Cover Highlights									
Ham Station in a Needle.....	22	•			•				•
Tuning in on the Body's Ills.....	37	•	•						•
☆Party Line Listening.....	42		•	•			•		
Dim View on a Darkroom Subject.....	44	•		•					•
☆It's War! FCC vs. CB/Hams.....	46	•			•				
Spy in the Tie—FM Broadcaster.....	51		•	•			•		
Personal Hi-Fi.....	54		•	•		•			
☆Ceramic Pickup Preamp.....	55		•	•		•			
☆Lab Check—International C-12B.....	57	•	•		•			•	
Instant BFO.....	62	•	•		•				
Doorbell Silencer.....	64		•	•					•
"New Mod" Soldier Goes Electronic....	65	•	•						•
☆Lab Check—Heathkit Tape Recorder..	69	•	•			•			
☆Lab Check—Knight-kit CB Rig.....	71	•	•		•				
☆Universal AC Ammeter.....	73		•	•				•	
Desk Lamp Mike Stand.....	76		•	•		•			
☆Tape-Slide Synchronizer.....	77		•	•		•			•
The Invasion!.....	81	•			•				
SW Propagation Forecast.....	88	•	•		•				
☆Tape Sings the Song of the Open Road.	89	•	•			•			•

ARIZONA — Phoenix  
 ARKANSAS — Little Rock  
 CALIFORNIA — Anaheim, Bakersfield, Downey, Garden Grove, La Habra, Long Beach, Los Angeles, Mission Hills, Mountain View, Oakland, Reseda, Sacramento, San Bruno, San Diego, San Francisco, Santa Ana, Santa Monica, Torrance, West Covina  
 COLORADO — Denver  
 CONNECTICUT — Hamden, Manchester, New Britain, New Haven, New London, Orange, Stamford, West Hartford  
 FLORIDA — Orlando  
 GEORGIA — Atlanta  
 ILLINOIS — Chicago  
 KANSAS — Wichita  
 LOUISIANA — New Orleans  
 MAINE — Portland  
 MARYLAND — Langley Park  
 MASSACHUSETTS — Boston, Braintree, Brockton, Brookline, Cambridge, Dedham, Framingham, Lowell, Medford, Natick, Quincy, Saugus, Springfield, Waltham, West Springfield, Worcester  
 MICHIGAN — Detroit  
 MINNESOTA — Minneapolis, St. Paul  
 MISSOURI — Kansas City, St. Joseph, St. Louis  
 NEBRASKA — Omaha  
 NEW HAMPSHIRE — Manchester  
 NEW JERSEY — Pennsauken  
 NEW MEXICO — Albuquerque  
 NEW YORK — Albany, Binghamton, Buffalo, New York, Schenectady, Syracuse  
 OHIO — Cincinnati, Cleveland  
 OKLAHOMA — Oklahoma City, Tulsa  
 OREGON — Portland  
 PENNSYLVANIA — Philadelphia, Pittsburgh  
 RHODE ISLAND — Providence, East Providence  
 TENNESSEE — Chattanooga, Memphis, Nashville  
 TEXAS — Abilene, Arlington, Austin, Brownsville, Corpus Christi, Dallas, Fort Worth, Houston, Lubbock, Midland, San Antonio, Sherman, Waco  
 UTAH — Salt Lake City  
 VIRGINIA — Arlington, Virginia Beach  
 WASHINGTON — Everett, Seattle

WHITE'S RADIO LOG, Vol. 47, No. 1—Page 93

DEPARTMENTS • Bookmark 6 • CB Column 12 • New Products 15  
 • Ask Me Another 23 • Literature Library 112

# RADIO SHACK

## SPECIAL GET-ACQUAINTED OFFER FROM THE COUNTRY'S LEADING ELECTRONIC PARTS DISTRIBUTOR!

### 1,000 OHMS/VOLT POCKET AC/DC VOM

Thousands Sold at Our Regular Low Price: ~~5.95~~  
**YOU SAVE \$2.00**

- Measures a Mere 3 1/2" x 2 1/8" x 1"
- Thumb-Set Zero Adjustment
- With Test Leads and Battery

Lowest price ever! 2-color scale; 5 ranges. AC/DC volts: 0-1000 in 3 ranges; 0-150 ma DC; 0-100 KΩ. 22-4027.

**ONLY 3.95**



#### HOBBYIST'S ONE TUBE RADIO KIT



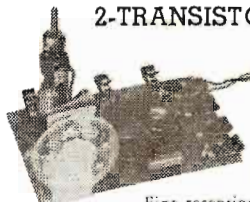
- Tunes AM Band from 540-1600 KC
- Hi-Q Coil for Top Sensitivity

28-001

**3.49**

Fun to use; easy enough for anyone to build.

#### 2-TRANSISTOR AM RADIO KIT



- With Crystal Earphone
- Solid State Circuitry
- Ideal for Beginners or Do-It-Yourselfers

28-002

**3.98**

Fine reception across the entire broadcast band!

#### WIRELESS MIKE/TRANSMITTER KIT



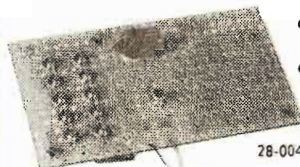
- Broadcasts into Any AM Radio at Ranges up to 20 Feet!

28-003

**2.98**

Use as room-to-room intercom or "baby-sitter"!

#### ELECTRONIC ORGAN KIT



- Better than 1 Octave Range! Easy to Play!
- A Family Favorite!

28-004

**5.95**

Play songs on an organ you built yourself!

**SAVE \$1.00**



Your Choice of Either \$2 Book at Half Price!

50 easy-to-build solid state projects . . . from a simple radio to a 2-way intercom system. Each book entirely different: Book 1, 62-1050; Book 2, slightly more advanced, 62-2025

#### FILL OUT COUPON AND MAIL TODAY TO:

RADIO SHACK } East: 730 Commonwealth Ave., Boston, Mass. 02215  
 West: 1515 So. University Dr., Ft. Worth, Tex. 76107

Please rush me the item I've checked below.

I enclose \$\_\_\_\_\_ plus 50¢ for postage and handling:

- |   |   |
|---|---|
| <input type="checkbox"/> VOM, 22-4027           | <input type="checkbox"/> Organ, 28-004                                  |
| <input type="checkbox"/> 1-Tube Radio, 28-001   | <input type="checkbox"/> Book #1, 62-1050                               |
| <input type="checkbox"/> 2-Trans. Radio, 28-002 | <input type="checkbox"/> Book #2, 62-2025                               |
| <input type="checkbox"/> Wireless Mike, 28-003  | <input type="checkbox"/> Please send me a FREE 1967 Radio Shack Catalog |

Name (print) \_\_\_\_\_

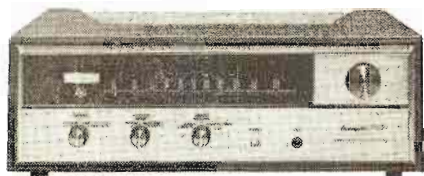
Street \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

RTVE-267

# SCOTT



## SCOTT'S NEW ONE-AFTERNOON TUNER KIT DELIVERS AMAZING FET PERFORMANCE

Now you can get factory-wired performance from a kit that takes only one afternoon to build! Scott's new LT-112B is the only kit with Field Effect Transistor circuitry\*, enabling you to enjoy more stations more clearly. Interstation Muting Control effects complete quiet between FM stations . . . oscilloscope output allows laboratory-precise correction for multipath distortion.

"Scott's LT-112 . . . is one of the finest FM stereo tuners we have tested and it is easily the best kit-built tuner we have checked . . . Because of its simple construction and trouble-free nature, it is a logical choice for anyone who wants the finest in FM reception at a most remarkable price." HiFi/Stereo Review.

**LT-112B specifications:** Usable sensitivity, 1.8  $\mu$ V; Cross modulation, 90 dB; Stereo separation, 40 dB; Capture ratio, 2.5 dB; Price, \$189.95. \*Patents pending

For complete information on the Scott LT-112B, send for your free copy of Scott's 16-page full-color Illustrated Guide to Custom Stereo.

Scott . . . where innovation is a tradition



Prices slightly higher west of Rockies. Subject to change without notice.



FEB.-MARCH 1967



## RADIO-TV EXPERIMENTER

Dedicated to America's Electronics Experimenters

<b>JULIAN M. SIENKIEWICZ</b> WA2CQL/KMD4313	<i>Editor</i>
<b>RICHARD A. FLANAGAN</b>	<i>Managing Editor</i>
<b>ELMER C. CARLSON</b> KOD1752	<i>Technical Editor</i>
<b>HELEN PARKER</b>	<i>Editorial Assistant</i>
<b>EUGENE F. LANDINO</b>	<i>Art Editor</i>
<b>ANTHONY MACCARRONE</b>	<i>Art Director</i>
<b>IRVING BERNSTEIN</b>	<i>Cover Art Director</i>
<b>BARBARA GABRIEL</b>	<i>Art Associate</i>
<b>JIM CAPPELLO</b>	<i>Advertising Manager</i>
<b>LEONARD F. PINTO</b>	<i>Production Director</i>
<b>CARL BARTEE</b>	<i>Production Manager</i>
<b>HELEN GOODSTEIN</b>	<i>Assistant Production Manager</i>
<b>DAVID COHN</b>	<i>Promotion Director</i>
<b>WILFRED M. BROWN</b>	<i>Kit Division Manager</i>
<b>JOSEPH DAFFRON</b>	<i>Group Executive Editor</i>

*President and Publisher*  
**B. G. DAVIS**

*Executive Vice-President and Assistant Publisher*  
**JOEL DAVIS**

*Vice-President and Editorial Director*  
**HERB LEAYY, KMD4529**

RADIO-TV EXPERIMENTER, Vol. 22, No. 1 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-2-6209; Chicago, 520 N. Michigan Ave., 527-0350; Los Angeles, 1709 W. 8th St. 213-483-5317; Atlanta, Firnie & Brown, 3108 Piedmont Rd., N.E., 404-233-6729; Long Island, Len Osten, 9 Garden Street, Great Neck, N.Y., 516-487-3305; Southwestern advertising representative: Jim Wright, 4 N. Eighth 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.

# WHITE'S RADIO LOG

Volume 47, No. 1

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

**I**n this issue of *White's Radio Log* we have included the following listings: U.S. AM Stations by Frequency, Canadian AM Stations by Frequency, U.S. Commercial Television Stations by States, U.S. Educational Television Stations by States, Canadian Television Stations by Cities, and the World-Wide Shortwave Stations.

**In Our Next Issue**, April-May, 1967, the *Log* will contain 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 Shortwave Section. The shortwave listings will always be completely revised in each issue of *Log* to insure 100 percent up-to-date information.

In the JUNE-JULY, 1967, 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 Shortwave Section.

Therefore, in any three consecutive 1967 issues of RADIO-TV EXPERIMENTER magazines, you will have a complete cross-reference listings of *White's Radio Log* that is always up-to-date. The three consecutive issues are a complete volume of *White's Radio Log* that offers up to the minute listings 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 the new *White's Radio Log* format an unbeatable reference. □

## QUICK REFERENCE INDEX

U.S. AM Stations by Frequency .....	94
Canadian AM Stations by Frequency .....	104
U.S. Commercial Television Stations by States .....	105
U.S. Educational Television Stations by States .....	107
Canadian Television Stations by Cities .....	108
World-Wide Short-Wave Stations .....	109

# WHITE'S RADIO LOG

## U.S. AM Stations by Frequency

U. S. stations listed alphabetically by states within groups. Abbreviations: kHz, frequency in kilocycles; W.P., power in watts; d, operates daytime only; n, operates nighttime only. Wave length is given in meters.

kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
<b>540—555.5</b>			WBAP Ft. Worth, Tex.	5000	KFRC San Francisco, Calif.	5000	<b>680—440.9</b>				
KVIP Redding, Calif.	5000d		KLUB Salt Lake City, Utah	5000	WTR Torrington, Conn.	2500	KNBR San Francisco, Cal.	5000d			
KFMB San Diego, Calif.	5000		KVI Seattle, Wash.	5000	WIOD Miami, Fla.	5000	WPIN St. Petersburg, Fla.	1000d			
WGTO Cypress Gardens, Fla.	5000d		WMAF Marinette, Wis.	2500	WFEL Pensacola, Fla.	5000	WATY N. Atlanta, Ga.	5000			
<b>580—516.9</b>					WCEH Hawshtville, Va.	5000	WCTT Corbin, Ky.	1000			
WBAK Columbus, Ga.	5000				KUAM Agana, Guam	1000	WCBM Baltimore, Md.	1000d			
KBRV Soda Springs, Idaho	5000d				WRUS Russellville, Ky.	5000	WNAC Boston, Mass.	5000d			
KWMT Ft. Dodge, Iowa	5000d				KDAL Duluth, Minn.	5000	WDEB Escanaba, Mich.	1000			
KNOE Monroe, La.	5000				WDAF Kansas City, Mo.	5000	WINR Binghamton, N.Y.	1000			
WDBV Peconick City, Md.	5000				KOJM Havre, Mont.	1000	WNYR Rochester, N.Y.	250			
WEGC Islip, N.Y.	2500				KCSR Chadron, Nebr.	1000d	WPTF Raleigh, N.C.	5000d			
WETC Wendell-Zebulon, N.C.	250d				WGRH Manchester, N.H.	5000	WISR Butler, Pa.	250d			
WARO Canonsburg, Pa.	250d				KGGM Albuquerque, N.Mex.	5000	WAPA San Juan, P.Rico.	1000d			
WYNN Florence, S.C.	5000				WAYS Charlotte, N.C.	5000	WSPS Memphis, Tenn.	1000d			
WDXN Clarksville, Tenn.	1000d				WTVN Columbus, Ohio	5000	KEAT San Antonio, Tex.	5000d			
WRIC Richlands, Va.	1000d				WIP Philadelphia, Pa.	5000	KOMW Okla. Wash.	1000d			
WYLO Jackson, Wis.	250				KILT Houston, Tex.	5000	WCWA Charleston, W.Va.	1000d			
<b>550—545.1</b>					KVNU Logan, Utah	5000					
KENI Anchorage, Alaska	5000				WLSL Roanoke, Va.	500					
KOY Phoenix, Ariz.	5000				WPLP Winchester, Va.	500					
KAFY Bakerfield, Calif.	1000				KEPR Kennewick-Richmond-Pasco, Wash.	5000					
KRAI Craig, Colo.	1000										
WAYR Orange Park, Fla.	1000d				<b>620—483.6</b>						
WEGA Gainesville, Ga.	5000				KTAR Phoenix, Ariz.	5000					
KMVI Wailuku, Hawaii	1000				KNGS Hanford, Calif.	1000					
KFRM Salina, Kans.	5000d				KWSD Mt. Shasta, Calif.	1000d					
WGBI Columbus, Miss.	1000				KSTR Grand Junction, Colo.	5000d					
KSD St. Louis, Mo.	5000				WSUN St. Petersburg, Fla.	5000					
KBOW Butte, Mont.	1000				WTRP LaGrange, Ga.	1000d					
WGR Buffalo, N.Y.	5000				KWA Wallace, Idaho	1000					
WDBM Statesville, N.C.	5000				KIDG Sioux City, Iowa	1000					
KFYR Bismarck, N.Dak.	5000				WTMT Louisville, Ky.	500d					
WKRC Cincinnati, Ohio	5000				WLZ Bangor, Maine	5000					
KOAC Corvallis, Oreg.	5000				WJDX Jackson, Miss.	5000					
WHLM Bloomsburg, Pa.	1000				WJNJ Newark, N.J.	5000					
WPAZ Ponce, P.R.	5000				WHEN Syracuse, N.Y.	5000					
KXTR Pawtucket, R.I.	1000				WDNC Durham, N.C.	5000					
KCRS Midland, Tex.	5000				WJWB Greensburg, Pa.	1000					
KTSA San Antonio, Tex.	5000				WCAY Cayce, S.C.	500d					
WDEV Waterbury, Vt.	5000				WATE Knoxville, Tenn.	5000					
WSVA Harrisonburg, Va.	5000				KWFT Wichita Falls, Tex.	5000					
KARI Blaine, Wash.	5000d				WVMT Burlington, Vt.	1000					
WSAU Wausau, Wis.	5000				WNNR Beckley, W.Va.	1000					
<b>560—535.4</b>					WTMJ Milwaukee, Wis.	5000					
W00F Dothan, Ala.	5000d										
KYUN Yuma, Ariz.	1000				<b>630—475.9</b>						
KSFO San Fran., Calif.	5000				WAVU Albertville, Ala.	1000d					
KLZ Denver, Colo.	5000				WJDB Thomasville, Ala.	1000d					
WQAM Miami, Fla.	5000				KJNO Juneau, Alaska	1000					
WIND Chicago, Ill.	5000				KVMA Magnolia, Ark.	1000d					
WMIK Middleboro, Ky.	5000				KIDD Monterey, Calif.	1000					
WGAN Portland, Maine	5000				KHOW Denver, Colo.	5000					
WFRB Frostburg, Md.	1000				WMAL Washington, D.C.	5000					
WHYN Springfield, Mass.	5000				WSAV Savannah, Ga.	5000					
WQTE Monroe, Mich.	5000				WNEG Teococ, Ga.	5000					
WECB Oulath, Minn.	5000				KIDO Boise, Idaho	5000					
KWTO Springfield, Mo.	5000				WLAF Lexington, Ky.	5000					
KMON Great Falls, Mont.	5000				KTB Thibodaux, La.	5000					
WGAJ Elizabeth City, N.C.	1000				WJMS Ironwood, Mich.	1000					
WFIL Philadelphia, Pa.	5000				KDWB So. St. Paul, Minn.	5000					
WIS Columbia, S.C.	5000				KXOK St. Louis, Mo.	5000					
WHBQ Memphis, Tenn.	5000				KGWV Belgrade, Mont.	1000d					
KLVI Beaumont, Tex.	5000				KDH Reno, Nev.	5000					
KPQ Wenatchee, Wash.	5000				KLEA Lovington, N.Mex.	500d					
WJLS Beckley, W.Va.	5000				WJRC Hickory, N.C.	1000d					
<b>570—526.0</b>					WMFD Wilmington, N.C.	1000					
WAAX Gadsden, Ala.	5000				KWRO Coquille, Oreg.	5000d					
KCNO Alturas, Calif.	5000				WEJL Seranton, Pa.	500d					
KLAC Los Angeles, Calif.	5000				WKYN San Juan, P.R.	5000					
WGBS Washington, D.C.	5000				WPRO Providence, R.I.	5000					
WFSO Pinellas Park, Fla.	5000				KMAC San Antonio, Tex.	5000					
WACL Waycross, Ga.	5000				KSXK Salt Lake City, Utah	1000d					
KWYX Paducah, Ky.	1000				KIDK Idaho Falls, Wash.	5000					
WYMI Biloxi, Miss.	1000d				KZUN Opportunity, Wash.	500d					
KGRT Las Cruces, N.Mex.	5000d										
WMCB New York, N.Y.	5000				<b>640—468.5</b>						
WSYR Syracuse, N.Y.	5000				KFI Los Angeles, Calif.	5000d					
WVWG Asheville, N.C.	5000				WOJ Ames, Iowa	5000d					
WLE Raleigh, N.C.	5000				WHLO Akron, O.	1000d					
WKBN Youngstown, Ohio	5000				WNAD Norman, Okla.	1000d					
WNAX Yankton, S.Dak.	5000										
WFAA Dallas, Tex.	5000				<b>650—461.3</b>						
					KORL Honolulu, Hawaii	1000d					
					WSM Nashville, Tenn.	5000d					
					KIKK Pasadena, Texas	250d					
					<b>660—454.3</b>						
					KFAR Fairbanks, Alaska	1000d					
					KDWH Omaha, Neb.	1000d					
					WNBC New York, N.Y.	5000d					
					WESC Greenville, S.C.	1000d					
					KSXY Dallas, Tex	1000d					
					<b>670—447.5</b>						
					KBOI Boise, Ida.	5000d					
					WMAQ Chicago, Ill.	5000d					

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.



kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
<b>740—405.2</b>			KDAD Weed, Calif.	1000d	KSFA Nacogdoches, Tex.	1000d	WNGG North Charleston, S.C.	500d	WNRN Richmond, Va.	1000d	5000
WBAM Montgomery, Ala.	5000d		KBRN Brighton, Colo.	500d	KONO San Antonio, Tex.	5000	WORD Spartanburg, S.C.	500d	WPXI Roanoke, Va.	1000d	5000
KUEQ Phoenix, Ariz.	1000d		WLAD Danbury, Conn.	1000d	KWHO Salt Lake City, Utah	1000d	WJCV Jackson, Tenn.	500d	WKOR Paso, Wash.	1000d	5000
KBIG Avalon, Cal.	1000d		WRKV Rockville, Conn.		WEVA Emporia, Va.	1000d	WEPG S. Pittsburgh, Tenn.	500d	KIXI Seattle, Wash.	1000	5000
KCBS San Francisco, Calif.	5000d		WSUZ Palatka, Fla.	1000d	WOAY Oak Hill, W. Va.	1000d	KNAF Fredericksburg, Tex.	1000d	KISN Vancouver, Wash.	1000	5000
KSSS Colo. Springs, Colo.	1000		WJAT Swainsboro, Ga.	1000d	WFOX Milwaukee, Wis.	250d	KRIO McAllen, Tex.	5000	WDSM Hayward, Wis.	5000d	5000
KVFC Cortez, Colo.	1000d		WKZI Casey, Ill.	250d			KRRV Sherman, Tex.	1000	WDRR Sturgeon Bay, Wis.	1000d	5000
WSBR Boea Raton, Fla.	1000		KXIC Iowa City, Iowa	1000d	<b>870—344.6</b>		KALL Salt Lake City, Utah	5000			
WMMK Blountston, Fla.	1000d		WCCM Lawrence, Mass.	1000d	KIEV Glendale, Calif.	500d	WTRV White River Junction, Vermont	1000d			
WKIS Orlando, Fla.	5000		WVAL Sauk Rapids, Minn.	250d	KAIM Honolulu, Hawaii	5000					
KYBE Boise, Idaho	5000		KREI Farmington, Mo.	1000d	WHP New Orleans, La.	5000					
WVLN Olney, Ill.	1000d		KDBM Dillon, Mont.	5000	WKAB E. Lansing, Mich.	1000d					
KBQE Oskaloosa, Iowa	250d		WKON Camden, N. J.	5000d	WHCU Ithaca, N.Y.	5000					
WYHR Cambridge, Mass.	250d		KJEM Okla. City, Okla.	250d	WGTL Kannapolis, N.C.	1000d					
KPBM Carlsbad, N. Mex.	1000d		KPDQ Portland, Ore.	5000d	WHOA San Juan, P.R.	5000					
WGSW Huntington, N.Y.	5000d		WCHA Chambersburg, Pa.	1000d	KJIM Ft. Worth, Tex.	250					
WMBL Morehead City, N.C.	1000d		WDSC Dillon, S.C.	1000d	WFLO Farmville, Va.	1000d					
WPAQ Mount Airy, N.C.	1000d		WEAB Greer, S.C.	250d			<b>920—325.9</b>				
KRMG Tulsa, Okla.	5000d		WDEH Sweetwater, Tenn.	1000d			WCTA Adulais, Ala.	5000			
WCHC Chester, Pa.	1000d		KDDP Dumas, Tex.	250d			WWRW Russellville, Ala.	1000d			
WIAC San Juan, P.Rico	1000d		KBUH British City, Utah	250d			KARK Little Rock, Ark.	5000			
WBAA Barnwell, S.C.	1000d		WSVS Crewe, Va.	5000d			KLOC Geres, Calif., Tenn.	5000			
WIRJ Humbolt, Tenn.	250d		WKEE Huntington, W. Va.	5000d			KDES Palm Springs, Cal.	5000			
WJIG Tullahoma, Tenn.	250d		WDUX Waupaca, Wis.	5000d			KVEC San Luis Obispo, Cal.	1000			
KTRH Houston, Tex.	5000d		<b>810—370.2</b>				KREX Grd. Junction, Colo.	5000			
KCMC Texarkana, Tex.	1000		KGO San Francisco, Calif.	5000d			KLMR Lamar, Colo.	5000			
WBCI Williamsburg, Va.	500d		WATI Indianapolis, Ind.	250d			WMEG Eau Gallie, Fla.	1000			
			WYRE Annapolis, Md.	250d			WCST Atlanta, Ga.	5000			
			WJPW Rockford, Mich.	5000			WVGH Hazelhurst, Ga.	500d			
			WSJC Magee, Miss.	5000d			WMOK Metropolis, Ill.	1000d			
			KCMO Kansas City, Mo.	5000d			WBAA W. Lafayette, Ind.	5000			
			KAFE Santa Fe, N.M.	1000			KFNF Shenandoah, Ia.	1000d			
			WGY Schenectady, N.Y.	5000d			WTOW Whitesburg, Ky.	5000d			
			WKBC N. Wilkesboro, N.C.	1000d			WBOC Bogalusa, La.	1000d			
			WCEC Rocky Mount, N.C.	1000d			KTXJ Jonesboro, La.	1000d			
			WEDD McKeesport, Pa.	1000d			WPTX Lexington Pk., Md.	5000			
			WKVM San Juan, P.R.	2500d			WMPJ Hancock, Mich.	1000d			
			WMTS Murfreesboro, Tenn.	5000d			KDHL Fairbairn, Minn.	5000			
			<b>820—365.6</b>				KWAD Wadena, Minn.	1000			
			WAIT Chicago, Ill.	5000d			KRAM Las Vegas, Nev.	1000			
			WIKY Evansville, Ind.	250d			KOLO Reno, Nev.	1000			
			WOSU Columbus, Ohio	5000d			KQEO Albuquerque, N. Mex.	1000			
			WFAA Dallas, Tex.	5000d			WTTM Trenton, N.J.	1000			
			WBAF Ft. Worth, Tex.	5000d			WKRT Cortland, N.Y.	1000			
			<b>830—361.2</b>				WGRD Kingston, N.Y.	5000d			
			KIKI Honolulu, Hawaii	250			WIRD Lake Placid, N.Y.	1000			
			WCCO Minneapolis-St. Paul, Minn.	5000d			WBBB Burlington, N.C.	5000d			
			KOBI Kalispell, Mont.	1000			WNNI Columbus, Ohio	1000			
			KBOA Kennett, Mo.	1000d			KGAL Lebanon, Ore.	1000			
			WNYC New York, N.Y.	1000			WKVA Lewistown, Pa.	1000			
			<b>840—356.9</b>				WJAR Providence, R.I.	5000			
			WTUF Mobile, Ala.	1000d			WTND Orangeburg, S.C.	1000d			
			WRYM New Britain, Conn.	1000d			KQED Rapid City, S. Dak.	1000			
			WHAS Louisville, Ky.	5000d			WLVY Livingston, Tenn.	1000d			
			WPOO Stroudsburg, Pa.	250d			KELP El Paso, Tex.	1000			
			<b>850—352.7</b>				KECK Odessa, Tex.	1000			
			WYDE Birmingham, Ala.	1000d			KT LW Texas City, Tex.	1000d			
			KICY Nome, Alaska	5000			KNTM Olympia, Wash.	1000d			
			KGKO Benton, Ark.	1000d			KXLY Spokane, Wash.	5000			
			KOA Denver, Colo.	5000d			WMMN Fairmont, W. Va.	5000			
			WRUF Gainesville, Fla.	5000			WKDY Milwaukee, Wis.	5000			
			WEAT W. Palm Beach, Fla.	1000d			<b>930—322.4</b>				
			KIAM Hilo, Hawaii	1000			WETO Gadsden, Ala.	1000d			
			WCLR Crystal Lake, Ill.	500d			KAFN Clatskanie, Alaska	1000d			
			WHDH Boston, Mass.	5000d			KAPR Douglas, Ark.	1000d			
			WKBZ Muskegon, Mich.	1000			KFGT Flagstaff, Ariz.	1000d			
			KFBU Clayton, Mo.	5000			KHJ Los Angeles, Calif.	5000			
			WKIX Raleigh, N.C.	1000d			KNLG Paradise, Calif.	5000			
			WJW Cleveland, Ohio	1000d			KIUP Durango, Colo.	5000			
			WJAC Johnston, Pa.	1000d			WKSJ Buffalo, Del.	5000			
			WEEU Reading, Pa.	1000			WHAN Haines City, Fla.	1000			
			WABA Aquadilla, P.R.	500			WJAX Jacksonville, Fla.	5000			
			WIVK Knoxville, Tenn.	5000d			WKXY Sarasota, Fla.	1000			
			WRAP Norfolk, Va.	5000			WMGR Bainbridge, Ga.	5000			
			KTAC Tacoma, Wash.	1000			KSEI Pocatello, Idaho	5000			
			<b>860—348.6</b>				WTAD Quincy, Ill.	5000			
			WHRH Hartselle, Ala.	250d			WHON Centerville, Ind.	500d			
			WAMI Opp, Ala.	1000d			WKTG Bowling Green, Ky.	1000			
			KIFN Phoenix, Ariz.	1000d			WFMD Frederick, Md.	5000			
			KOSE Oseola, Ark.	1000d			WREB Holyoke, Mass.	500d			
			KWRF Warren, Ark.	250d			WBCK Battle Creek, Mich.	5000			
			KTRB Modesto, Calif.	1000d			KKIN Atkin, Minn.	1000d			
			WOWW Nauvaucook, Conn.	250d			WLSI Jackson, Miss.	5000			
			WAZE Clearwater, Fla.	1000d			WKOC Poplar Bluff, Mo.	5000			
			WKKO Cocoa, Fla.	1000d			KOFI Kalispell, Mont.	5000d			
			WERD Douglas, Ga.	1000			KOGA Ogallala, Neb.	5000			
			WDMG Atlanta, Ga.	1000d			KCCG Carlstadt, N.M.	5000			
			WMRI Marion, Ind.	250d			KCCO Grants Pass, Ore.	5000			
			KWPC Muscatine, Iowa	250d			WRTN Washington, N.C.	5000			
			KOAM Pittsburg, Kans.	5000d			WNNH Rochester, N.H.	5000d			
			WSON Henderson, Ky.	1000d			WPAT Paterson, N.J.	5000			
			WAYE Clatsworth, Md.	1000d			WBEW Buffalo, N.Y.	5000			
			WSBS Gt. Barrington, Mass.	250d			WIZR Johnstown, N.Y.	1000d			
			KNUJ New Ulm, Minn.	1000d			WEOG Elyria, Ohio	1000			
			WMAG Forest, Miss.	500d			WOKY Oklahoma City, Okla.	5000			
			KARS Belen, N. Mex.	250d			KLI Grants Pass, Ore.	5000			
			WFMO Fairmont, N.C.	1000d			WCNR Bloomington, Pa.	1000d			
			WSTH Taylorsville, N. C.	250d			WRKL New City, N.Y.	1000			
			KSHA Medford, Ore.	1000d			WLAS Jacksonville, N.C.	5000d			
			WAMO Pittsburg, Pa.	1000d			KCBJ Minot, N. Dak.	1000			
			WTEL Philadelphia, Pa.	1000d			WBRJ Marietta, O.	5000			
			WLBG Laurens, S.C.	1000d			WPFB Middletown, Ohio	1000			
			KLFT Ft. Stockton, Tex.	250d			KGCL Miami, Okla.	1000			
			KPAN Hereford, Tex.	250d			KJVB Astoria, Ore.	1000d			
							WAVL Apollo, Pa.	1000d			
							WGBI Seranton, Pa.	1000			
							WBSA York, Pa.	5000			
							WPRP Ponce, P.R.	5000			



kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	
<b>1080—277.6</b>			KCKY Coolidge, Ariz.	1000	WDEE Hamden, Conn.	1000d	WCUM Cumberland, Md.	1000	WJAX Santa Rosa, Calif.	5000	WMNB No. Adams, Mass.	1000d
WKAC Athens, Ala.	1000d		KCLR No. Little Rock, Ark.	5000	WDCJ Arlington, Fla.	1000d	WESX Salem, Mass.	1000	KRKO Los Angeles, Calif.	5000	WNEB Worcester, Mass.	1000
WKSC Santa Cruz, Calif.	10000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	KGNC Englewood, Colo.	1000d	WMPW Lapeer, Mich.	2500
WTIC Hartford, Conn.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WGNX Middletown, Conn.	1000d	WSOO St. Ste. Marie, Mich.	1000
WVCG Corral Gables, Fla.	10000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WDEL Wilmington, Del.	5000	WSTR Sturgis, Mich.	1000d
WFIV Kissimmee, Fla.	250		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WDNB Daytona Bch., Fla.	1000	WKLK Cloquet, Minn.	2500
WBE Marietta, Ga.	10000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d	KGHS Internat'l Falls, Minn.	2500
WJBG Pontiac, Ill.	10000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d	KYSM Mankato, Minn.	1000
WNWI Valparaiso, Ind.	5000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d	KMRS Morris, Minn.	250
WKLO Louisville, Ky.	5000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d	KTRF Thrf Riv. Falls, Minn.	1000d
WOAP Owosso, Mich.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KGCL East Prairie, Mo.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WUFO Amherst, N.Y.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WEWO Laurinburg, N.C.	5000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WDRR Murfreesboro, N.C.	5000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WMVR Sidney, O.	250d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KWJJ Portland, Oreg.	5000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WEEP Pittsburgh, Pa.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WLEY Cayce, P.R.	250		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KGFX Pierre, S. D.	10000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KRLD Dallas, Tex.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WKBY Chatham, Va.			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
<b>1090—275.1</b>			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KAAY Little Rock, Ark.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WKJK Jacksonville, Fla.	50000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WWSO Monticello, Fla.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WBAF Barnesville, Ga.	1000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WCRA Effingham, Ill.	1000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WGLC Mendota, Ill.	250d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KHAI Honolulu, Hawaii	5000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KNWS Waterloo, Iowa	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WBAL Baltimore, Md.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WLID Boston, Mass.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WMUS Muskegon, Mich.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WTAK Garden City, Mich.	250d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WTE King, N.C.	500		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WBZB Selma, N. C.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WMWM Wilmington, O.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WJKM Hartsville, Tenn.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KING Seattle, Wash.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
<b>1100—272.6</b>			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KFAK San Francisco, Calif.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WLBB Carrollton, Ga.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WHLI Hempstead, N.Y.	10000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WKYC Cleveland, O.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WGPA Bethlehem, Pa.	250d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
<b>1110—270.1</b>			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WBCA Bay Minette, Ala.	10000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WBIB Centerville, Ala.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KRLA Pasadena, Cal.	10000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WALT Tampa, Fla.	50000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KIPA Hilo, Hawaii	5000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WMBI Chicago, Ill.	5000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WKDZ Cadiz, Ky.			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WFCG Franklinton, La.			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WUST Bethesda, Md.			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WUNN Mason, Mich.			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WKRA Holly Springs, Miss.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KFAB Omaha, Neb.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WBT Charlotte, N.C.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KEOR Atoka, Okla.			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KBND Bend, Oreg.	5000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WNAR Norristown, Penn.	50000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WVJP Caguas, P.R.	250		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WHIM Providence, R.I.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WPHC Waverly, Tenn.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KDRY Alamo Heights, Tex.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
<b>1120—267.7</b>			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WUST Bethesda, Md.	250d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KMOX St. Louis, Mo.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WWOL Buffalo, N.Y.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KEED Springfield-Eugene, Oreg.	1000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KCLE Cleburne, Tex.	250d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
<b>1130—265.3</b>			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KRDU Dinuba, Calif.	1000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KSDO San Diego, Cal.	5000d		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KLEI Kailua, Hawaii	1000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KLEY Wellington, Kans.			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WKWH Shreveport, La.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KWAK Detroit, Mich.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KDGY Minneapolis, Minn.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WNEW New York, N.Y.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WAMG Gallatin, Tenn.			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KBGH Memphis, Tex.			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WISN Milwaukee, Wis.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
<b>1140—263.0</b>			KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KRAK Sacramento, Calif.	50000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WHIE Miami, Fla.	10000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
KGEM Boise, Idaho	10000		KJAX Santa Rosa, Calif.	5000	WJBP Kissimmee, Fla.	250d	WJEF Grand Rapids, Mich.	1000	WTM Tampa, Fla.	5000d		
WSVY Pekin, Ill.	5000d</											

# WHITE'S RADIO LOG

kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
WBWB	Youngstown, Ohio	1000	KCCB	Corning, Ark.	1000d	KWPR	Claremore, Okla.	500d
WHIZ	Zanesville, Ohio	1000	KBHC	Nashville, Ark.	500d	KAJD	Greenville Pass, Oreg.	5000d
KVSD	Ardmore, Okla.	250	KGIL	San Fernando, Calif.	5000	WLBR	Lebanon, Pa.	5000
KBEK	Elk City, Okla.	250	KYA	San Francisco, Calif.	5000	WBHC	Hampton, S.C.	1000d
KBEI	Idaho, Okla.	250	KSN	Aspen, Colo.	3000d	KNWC	Sioux Falls, S.Dak.	1000
KOKL	Okmulgee, Okla.	1000	WCRT	Birmingham, Ala.	5000d	KLJK	Newport, Tenn.	5000
KFLY	Ovallis, Oreg.	1000d	WMMN	Westport, Conn.	1000d	KDAX	Box Bay, Tex.	1000
KTIX	Pendleton, Oreg.	1000	WNRK	Newark, Del.	500d	KHEM	Big Spring, Tex.	1000d
KPRB	Redmond, Oreg.	250	WDDC	Washington, D.C.	5000	KEPS	Eagle Pass, Tex.	1000
KQEN	Roseburg, Ore.	1000	WFTW	Fort Walton Beach, Fla.	1000d	KFJZ	Fort Worth, Tex.	5000
WRTA	Altoona, Pa.	1000	WAME	Miami, Fla.	5000	WTID	Newport News, Va.	1000d
WHUM	Reading, Pa.	1000	WFBI	Palatka, Fla.	1000	WHEO	Stuart, Va.	1000d
WBAB	Wilkes-Barre, Pa.	1000	WBHQ	Boone, Iowa	1000	KCVL	Colville, Wash.	1000d
WALO	Humacao, P.R.	1000	WHAB	Baxley, Ga.	5000d	KCBJ	Monrovia, Wash.	5000d
WOWN	Woonsocket, R.I.	1000	WBBK	Blakely, Ga.	1000d	WRJC	Mauston, Wis.	5000d
WKDK	Newberry, S.C.	250	WTJH	East Point, Ga.	5000d	WVJC	Superior, Wis.	5000d
WDCX	Sumter, S.C.	1000	KTEE	Idaho Falls, Ida.	5000d	KIML	Gillette, Wyo.	5000
WCCR	Pierre, S. D.	1000	KWEI	Weiser, Ida.	1000d	<b>1280-234.2</b>		
WBEJ	Elizabethton, Tenn.	1000	WIBV	Bellefonte, Ill.	5000d	WPID	Piedmont, Ala.	1000d
WEKR	Fayetteville, Tenn.	1000	WFBM	Indianapolis, Ind.	5000	WNPT	Pucaleosa, Ala.	5000
WKNO	Knoxville, Tenn.	1000	KFBQ	Boone, Iowa	1000	KHEP	Phoenix, Ariz.	1000d
WKDA	Nashville, Tenn.	1000	KWHK	Hutchinson, Kans.	1000	KNBY	Newport, Ark.	1000d
WENK	Union City, Tenn.	1000	WAIL	Baton Rouge, La.	1000d	KOAG	Arroyo Grande, Cal.	1000d
WVLF	Alpine, Tex.	1000	WEZE	Boston, Mass.	5000	KIXF	Fortuna, Calif.	1000
KEAN	Brownwood, Tex.	1000	WALM	Albion, Mich.	1000	KFOF	Long Beach, Calif.	1000
KORA	Bryan, Tex.	1000	WJBL	Holland, Mich.	5000	KOJH	San Luis Obispo, Cal.	1000
KOCA	Kilgore, Tex.	1000	KRDX	Crookston, Minn.	1000	KJOY	Stockton, Calif.	1000
KSOU	Raymondville, Tex.	250	KRIZ	Hutchinson, Minn.	1000d	KTLN	Denver, Colo.	5000
KCSA	Snyder, Tex.	1000	WGVN	Greenville, Miss.	5000d	WSUX	Seaford, Del.	1000d
KXOX	Sweetwater, Tex.	1000	WNSL	Laurel, Miss.	5000d	WDSP	DeFuniak Springs, Fla.	5000d
WSKI	Montpelier, Vt.	1000	WCSA	Ripley, Miss.	500	WIPC	Lake Wales, Fla.	5000d
WSSV	Petersburg, Va.	1000	KGBX	Springfield, Mo.	5000	WYND	Sarasota, Fla.	1000
WROV	Roanoke, Va.	1000	KIMB	Kimball, Neb.	1000d	WRRD	Aurora, Ill.	5000
WTON	Staunton, Va.	1000	WBDU	Trenton, N.J.	5000	WGBF	Evansville, Ind.	5000
KXLE	Elensburg, Wash.	1000	KVSF	Santa Fe, N.Mex.	1000	KCOB	Newton, Iowa	1000d
WFR	Olympia, Wash.	1000	WBNR	Beacon, N.Y.	5000	KSKK	Arkansas City, Kans.	1000d
KOBY	Blufffield, W.Va.	1000	WDR	Syracuse, N.Y.	5000	WCPM	Cumberland, Ky.	1000d
WTIP	Charleston, W.Va.	1000d	WGWV	Asheboro, N.C.	5000	KWCL	Oak Grove, La.	500d
WDNE	Elkins, W.Va.	1000	WCDJ	Edenton, N.C.	1000d	WEIM	Fitchburg, Mass.	5000
WOMT	Manitowoc, Wis.	1000d	WIXY	Cleveland, O.	5000	WWTG	Minneapolis, Minn.	5000
WIBU	Poynter, Wis.	1000d	WXXT	Portsmouth, Ohio	5000	KVOX	Moorehead, Minn.	5000
WOBT	Rhineland, Wis.	1000	KWSH	Wewoka-Seminole, Okla.	1000	KDKD	Clinton, Mo.	1000d
WJMG	Rice Lake, Wis.	1000	KMCM	McMinnville, Oreg.	1000	KYRO	Potosi, Mo.	1000d
KFCB	Cheyenne, Wyo.	1000	WYYN	Erie, Pa.	5000	KCNI	Broken Bow, Nebr.	1000d
KEVN	Evansston, Wyo.	1000	WPBH	Phillipsburg, Pa.	5000d	KTOD	Henderson, Nev.	5000d
KASL	Newcastle, Wyo.	250	WISO	Pence, P.R.	1000	KRZE	Farrington, N.Mex.	5000d
KRAL	Rawlins, Wyo.	1000	WUOU	Greenville, S.C.	5000d	WACH	Chattanooga, Tenn.	1000d
KTHE	Thermopolis, Wyo.	1000	WJOT	Lake City, S.C.	1000d	WDKN	Dickson, Tenn.	1000d
<b>1250-239.9</b>			WBYR	Winner, S.Dak.	5000d	WCLP	Jamestown, Tenn.	1000d
WZOB	Ft. Payne, Ala.	1000d	WNOG	Chattanooga, Tenn.	1000d	WSCJ	Diboll, Tex.	1000d
WETU	Wetumpka, Ala.	5000d	WCH	Church Hill, Tenn.	1000d	KPSO	Fallurris, Tex.	5000
KAKA	Wickenburg, Ariz.	500d	WDKN	Chick, Tenn.	1000d	KWFR	San Angelo, Tex.	1000d
KFAV	Fayetteville, Ark.	1000d	WCSL	Jameson, Tenn.	1000d	KTUE	Tulia, Tex.	1000d
KALO	Little Rock, Ark.	1000	WPCJ	Diboll, Tex.	1000d	KTAE	Taylor, Tex.	1000d
KHOT	Madera, Calif.	500d	KPSO	Fallurris, Tex.	5000	WCHV	Charlottesville, Va.	5000
KTMS	Santa Barbara, Calif.	1000	KWFR	San Angelo, Tex.	1000d	WJJC	Christiansburg, Va.	1000d
KDHI	Twenty-Nine Palms, Calif.	1000d	KTUE	Tulia, Tex.	1000d	KWQ	Moses Lake, Wash.	1000d
KMSL	Ukiah, Calif.	500d	KTAE	Taylor, Tex.	1000d	WVWV	Grafton, W.Va.	500
KICM	Golden, Colo.	1000d	WCHV	Charlottesville, Va.	5000	WUIS	Black River Falls, Wis.	1000d
WNER	Live Oak, Fla.	1000d	WJJC	Christiansburg, Va.	1000d	WEKZ	Monroe, Wis.	1000d
WLYB	Albany, Ga.	1000d	KWQ	Moses Lake, Wash.	1000d	WOGO	Oconto, Wis.	1000d
WYTH	Madison, Ga.	1000d	WVWV	Grafton, W.Va.	500	KPOW	Powell, Wyo.	5000
WIZZ	Streator, Ill.	500d	WUIS	Black River Falls, Wis.	1000d	<b>1270-236.1</b>		
WGL	Ft. Wayne, Ind.	1000	WEKZ	Monroe, Wis.	1000d	WGSV	Guntersville, Ala.	1000d
WRAY	Princeton, Ind.	1000d	WOGO	Oconto, Wis.	1000d	WZAM	Friedard, Ala.	1000d
KCFI	Cedar Falls, Iowa	500d	KPOW	Powell, Wyo.	5000	KEYR	Anchora, Alaska	1000d
KFKU	Lawrence, Kans.	5000	KTUE	Tulia, Tex.	1000d	KDJI	Holbrook, Ariz.	1000d
WNER	Topeka, Kans.	5000	KTAE	Taylor, Tex.	1000d	KADL	Pine Bluff, Ark.	5000d
WNLV	Nicholasville, Ky.	500	WCHV	Charlottesville, Va.	5000	KBLC	Lakeport, Calif.	1000d
WLCK	Scottsville, Ky.	500d	WJJC	Christiansburg, Va.	1000d	KGL	Palm Desert, Cal.	500d
WUGY	Bangor, Maine	5000d	WVWV	Grafton, W.Va.	500	KGOK	Tulare, Calif.	5000d
WARE	Ware, Mass.	1000	WUIS	Black River Falls, Wis.	1000d	WNOG	Naples, Fla.	5000
WXXX	Bay City, Mich.	1000	WHY	Orlando, Fla.	5000d	WNTT	Tallahassee, Fla.	5000
KOTE	Fergus Falls, Minn.	1000	WTKR	Cartersville, Ga.	5000	WKRW	Cartersville, Ga.	5000d
KCUE	Red Wing, Minn.	1000d	WHYD	Columbus, Ga.	5000d	WHYD	Columbus, Ga.	5000d
WHNY	McComb, Miss.	5000	WJJC	Commerco, Ga.	1000d	WJJC	Commerco, Ga.	1000d
KFMO	Flat River, Mo.	1000	KNDI	Honolulu, Hawaii	5000	KNDI	Honolulu, Hawaii	5000
KBTC	Houston, Mo.	500d	KTFI	Twin Falls, Idaho	5000	KTFI	Twin Falls, Idaho	5000
WKBR	Manchester, N.H.	5000	WEIC	Charleston, Ill.	1000d	WFBF	Fort Benton, Ill.	5000
WMTR	Morristown, N.J.	5000d	WCMR	Elkhart, Ind.	5000	WCA	Gary, Ind.	1000d
WIPS	Ticonderoga, N.Y.	5000	WORA	Madison, Ind.	1000d	WORA	Madison, Ind.	1000d
WVAG	Farmville, N.C.	5000	KSCB	Liberal, Kans.	1000	KSCB	Liberal, Kans.	1000
WKDX	Hamlet, N.C.	1000d	WAIN	Columbia, Ky.	1000d	WAIN	Columbia, Ky.	1000d
WBRM	Marion, N.C.	1000d	WFUL	Fulton, Ky.	1000d	WFUL	Fulton, Ky.	1000d
WCHO	Washington Court House, Ohio	500d	WFWL	Winnfield, La.	1000d	WFWL	Winnfield, La.	1000d
WLEM	Emporium, Pa.	1000d	WBYR	Winner, S.Dak.	5000d	WBYR	Winner, S.Dak.	5000d
WPEL	Mentrose, Pa.	1000d	WNTT	Tazewell, Tenn.	500d	WNTT	Tazewell, Tenn.	500d
WTAE	Pittsburgh, Pa.	5000	KFTV	Paris, Tex.	500d	KFTV	Paris, Tex.	500d
WNOW	York, Pa.	5000d	KPAC	Port Arthur, Tex.	5000	KPAC	Port Arthur, Tex.	5000
WNTN	Charleston, S.C.	5000	KUKA	San Antonio, Tex.	1000d	KUKA	San Antonio, Tex.	1000d
WKCM	Winnboro, S.C.	500d	KTFO	Seminole, Tex.	1000d	KTFO	Seminole, Tex.	1000d
WKEL	Covington, Tenn.	1000d	KANN	Oden, Utah	5000d	KANN	Oden, Utah	5000d
WNTT	Tazewell, Tenn.	500d	KVEL	Vernal, Utah	5000d	KVEL	Vernal, Utah	5000d
KFTV	Paris, Tex.	500d	WDVA	Danville, Va.	5000	WDVA	Danville, Va.	5000
KPAC	Port Arthur, Tex.	5000	WYSR	Franklin, Va.	1000d	WYSR	Franklin, Va.	1000d
KUKA	San Antonio, Tex.	1000d	WEER	Warrenton, Va.	1000d	WEER	Warrenton, Va.	1000d
KTFO	Seminole, Tex.	1000d	WVSC	Pullman, Wash.	5000	WVSC	Pullman, Wash.	5000
KANN	Oden, Utah	5000d	KTW	Seattle, Wash.	5000	KTW	Seattle, Wash.	5000
KVEL	Vernal, Utah	5000d	WEMP	Milwaukee, Wis.	5000	WEMP	Milwaukee, Wis.	5000
WDVA	Danville, Va.	5000	<b>1260-238.0</b>			KPIN	Casa Grande, Ariz.	1000d
WYSR	Franklin, Va.	1000d						
WEER	Warrenton, Va.	1000d						
WVSC	Pullman, Wash.	5000						
KTW	Seattle, Wash.	5000						
WEMP	Milwaukee, Wis.	5000						
KPIN	Casa Grande, Ariz.	1000d						
KCCB	Corning, Ark.	1000d						
KBHC	Nashville, Ark.	500d						
KGIL	San Fernando, Calif.	5000						
KYA	San Francisco, Calif.	5000						
KSN	Aspen, Colo.	3000d						
WCRT	Birmingham, Ala.	5000d						
WMMN	Westport, Conn.	1000d						
WNRK	Newark, Del.	500d						
WDDC	Washington, D.C.	5000						
WFTW	Fort Walton Beach, Fla.	1000d						
WAME	Miami, Fla.	5000						
WFBI	Palatka, Fla.	1000						
WBHQ	Boone, Iowa	1000						
WHAB	Baxley, Ga.	5000d						
WBBK	Blakely, Ga.	1000d						
WTJH	East Point, Ga.	5000d						
KTEE	Idaho Falls, Ida.	5000d						
KWEI	Weiser, Ida.	1000d						
WIBV	Bellefonte, Ill.	5000d						
WFBM	Indianapolis, Ind.	5000						
KFBQ	Boone, Iowa	1000						
KWHK	Hutchinson, Kans.	1000						
WAIL	Baton Rouge, La.	1000d						
WEZE	Boston, Mass.	5000						
WALM	Albion, Mich.	1000						
WJBL	Holland, Mich.	5000						
KRDX	Crookston, Minn.	1000						
KRIZ	Hutchinson, Minn.	1000d						
WGVN	Greenville, Miss.	5000d						
WNSL	Laurel, Miss.	5000d						
WCSA	Ripley, Miss.	500						
KGBX	Springfield, Mo.	5000						
KIMB	Kimball, Neb.	1000d						
WBDU	Trenton, N.J.	5000						
KVSF	Santa Fe, N.Mex.	1000						
WBNR	Beacon, N.Y.	5000						
WDR	Syracuse, N.Y.	5000						
WGWV	Asheboro, N.C.	5000						
WCDJ	Edenton, N.C.	1000d						
WIXY	Cleveland, O.	5000						
WXXT	Portsmouth, Ohio	5000						
KWSH	Wewoka-Seminole, Okla.	1000						
KMCM	McMinnville, Oreg.	1000						
WYYN	Erie, Pa.	5000						
WPBH	Phillipsburg, Pa.	5000d						
WISO	Pence, P.R.	1000						
WUOU	Greenville, S.C.	5000d						
WJOT	Lake City, S.C.	1000d						
KW								

kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
WBLE	Batesville, Miss.	1000d	WOKA	Douglas, Ga.	1000d	KVEE	Conway, Ark.	500d	KROS	Clinton, Iowa	1000
KALM	Thayer, Mo.	1000d	WBRO	Waynesboro, Ga.	1000d	KLOM	Lompoc, Cal.	1000d	KCKN	Kansas City, Kans.	1000
KGVO	Nissaua, Mont.	5000	WBMK	West Point, Ga.	1000d	KLAC	Los Angeles, Calif.	5000	KSEK	Pittsburg, Kans.	1000
KOIL	Omaha, Nebr.	5000	KLNS	Makawala, Hawaii	1000	KLBS	Los Banos, Calif.	5000	WCMI	Ashtland, Ky.	1000
WKNE	Keosau, N.H.	5000	KLIX	Indian Falls, Idaho	5000	KAHR	Redding, Calif.	5000d	KENT	Prescott, Ariz.	250
KSRC	Scorsoro, N.M.	1000d	WIFE	Indianapolis, Ind.	5000	WARN	Ft. Pierce, Fla.	1000d	WNBS	Murray, Ky.	1000d
WGIL	Babylon, N. Y.	5000	KDLS	Perry, Iowa	5000d	WWAB	Lakeland, Fla.	1000d	WEKY	Richmond, Ky.	1000
WNBF	Binghamton, N.Y.	5000	KOKX	Keokuk, Iowa	1000d	WEAB	Milton, Fla.	5000d	KVOB	Bastrop, La.	250
WHKY	Hickory, N.C.	5000	KFLA	Scott City, Kans.	5000	WMEN	Tallahassee, Fla.	5000d	KRMD	Shreveport, La.	1000
WESE	Sanford, N.C.	1000d	WTTL	Madisonville, Ky.	1000	WMLT	Dublin, Ga.	5000	WFAU	Augusta, Maine	1000
WOMP	Bellaire, Ohio	1000d	WDCC	Fredericksburg, Ky.	5000d	WEAW	Evansville, Ill.	5000	WHGU	Houlton, Maine	1000
WHIO	Dayton, Ohio	5000	KIKS	Sulphur, La.	5000	WRAM	Monmouth, Ill.	1000d	WGAW	Gardner, Mass.	1000
KUMA	Pennington, Ore.	5000	KVZN	V. Monroe, La.	1000d	WRRR	Rockford, Ill.	1000d	WNBH	New Bedford, Mass.	1000
KLIQ	Portland, Ore.	5000d	WLOB	Portland, Me.	5000	WJPS	Evansville, Ind.	5000	WBRK	Pittsfield, Mass.	1000
WFBG	Altoona, Pa.	5000	WORC	Worcester, Mass.	5000	WTRF	Greensburg, Ind.	5000	WLEW	Bad Axe, Mich.	1000
WICE	Providence, R.I.	5000	WKNR	Dearborn, Mich.	5000	KWWL	Waterloo, Iowa	5000	WLAB	Grand Rap., Mich.	1000
WFIG	Sumter, S.C.	1000	WCWV	Traverse City, Mich.	5000d	KFH	Wichita, Kans.	5000	WCSB	Hillsdale, Mich.	1000
WATO	Oak Ridge, Tenn.	5000	KRBI	St. Peter, Minn.	1000d	WYGO	Corbin, Ky.	5000d	WMTE	Manistee, Mich.	1000
KBLT	Big Lake, Tex.	1000d	WXXX	Hattiesburg, Miss.	1000d	WDR	Morehead, Ky.	1000d	WAGN	Menominee, Mich.	1000
KWYF	Crockett, Tex.	3000	KFSB	Joplin, Mo.	5000	KVOL	Lafayette, La.	5000	WMBN	Potsdam, Mich.	1000
KRGV	Weslaco, Tex.	5000	KFOB	Fairfax, Mont.	5000	WASA	Havre de Grace, Md.	5000d	WEXL	Royal Oak, Mich.	1000
KTRN	Wichita Falls, Tex.	5000	KGMT	Fairbury, Nebr.	5000d	WCRB	Waltham, Mass.	5000	WVBR	Brainerd, Minn.	1000
WPVA	Colonial Hgts., Va.	5000d	WCAM	Camden, N. J.	1000d	WTRX	Flint, Mich.	5000	KDLM	Detroit Lakes, Minn.	1000
WAGE	Leesburg, Va.	1000d	KARA	Albuquerque, N.M.	1000d	WL0L	Minneapolis, Minn.	5000	WEVE	Eveleth, Minn.	1000
WKWS	Rocky Mount, Va.	1000d	WV1P	Mt. Kisco, N.Y.	5000d	WJPR	Greenville, Miss.	1000d	KROC	Rochester, Minn.	1000
WVOW	Logan, W. Va.	5000	WTLB	Utica, N.Y.	1000	WDAL	Meridian, Miss.	1000d	KWLM	Willmar, Minn.	1000
KAPY	Port Angeles, Wash.	1000d	WISE	Ashville, N.C.	5000	KUKU	Willow Springs, Mo.	1000d	WJMB	Brookhaven, Miss.	250
WMLT	Milwaukee, Wis.	1000d	WKTC	Charlotte, N.C.	1000	KALB	Calumet, N.Mex.	5000	KMLN	Laurens, Miss.	250
WGOV	Sparta, Wis.	5000d	WTIK	Durham, N.C.	5000	WEVD	New York, N.Y.	5000	KXEO	Mexico, Mo.	1000d
KOWB	Laramie, Wyo.	5000	KNOX	Grand Forks, N.Dak.	5000	WP0W	New York, N.Y.	5000	KLID	Poplar Bluff, Mo.	1000d
			WFAH	Alliance, Ohio	1000d	WEBO	Owego, N.Y.	1000d	KSGM	St. Genevieve, Mo.	1000
			KNPT	Newport, Ore.	5000	WHAZ	Troy, N.Y.	1000	KSMO	Salem, Mo.	1000
			WBFD	Bedford, Pa.	5000d	WUSM	Havelock, N.C.	1000d	KDRO	Sedalia, Mo.	1000
			WGSa	Ephrata, Pa.	5000d	WHOT	Campbell, Ohio	1000d	KICK	Springfield, Mo.	1000
			WNAE	Warren, Pa.	5000d	FINN	Findlay, Ohio	1000d	KCAP	Helena, Mont.	1000
			WDKD	Kingsree, S.C.	5000d	KW0C	Weldon, Ohio	5000	KPRK	Livingston, Mont.	1000
			WDDI	Chattanooga, Tenn.	5000	WELW	Willoughby, O.	5000	KATL	Miles City, Mont.	1000
			WDXI	Jackson, Tenn.	5000	KPOJ	Portland, Ore.	5000	KQTE	Missoula, Mont.	250
			WBNT	Oneida, Tenn.	1000d	WBLF	Bellefonte, Pa.	500	KHUB	Fremont, Nebr.	500
			KZ1P	Amarillo, Tex.	1000d	WICU	Erie, Pa.	5000	KGFW	Kearney, Nebr.	1000
			WRR	Dallas, Tex.	5000	WLAT	Conway, S. C.	5000	KOSD	Sidney, Nebr.	1000
			KOYL	Odessa, Tex.	1000d	WFBC	Greenville, S.C.	5000	KORB	Las Vegas, Nev.	1000
			KUBO	San Antonio, Tex.	5000	WECW	Crossville, Tenn.	1000d	KBEF	Reno, Nev.	1000
			WEL	Fairfax, Va.	5000	TRO	Dyersburg, Tenn.	5000	WJST	Hampton, N.H.	1000
			WGN	Newport News, Va.	5000	KM1L	Cameron, Tex.	5000	WMID	Atlantic City, N.J.	1000
			KARY	Prosser, Wash.	1000d	KSWA	Graham, Tex.	5000	KHAP	Aztec, N.M.	1000d
			W1BA	Madison, Wis.	5000	K1NE	Kingsville, Tex.	1000d	KRRR	Ruidoso, N. Mex.	1000
						KVKM	Monahans, Tex.	5000	KKIT	Taos, N.Mex.	250
						KZAK	Tyler, Tex.	1000d	KSIL	Silver City, N.Mex.	1000
						WBTM	Danville, Va.	5000	WMB0	Auburn, N.Y.	1000
						WRAA	Luray, Va.	1000d	WNET	Gloversville, N.Y.	1000
						WLD	Marion, Va.	5000	WFSN	Jamestown, N.Y.	250
						WESR	Tasley, Va.	5000d	WUSA	Lockport, N.Y.	250
						KFKF	Bellevue, Wash.	5000d	WMSA	Massena, N.Y.	1000
						KCFA	Spokane, Wash.	5000d	WALL	Middletown, N.Y.	1000
									W1RY	Plattsburgh, N.Y.	1000
									W1RI	Lenoir, N.C.	1000
									WJBS	Lumberton, N.C.	1000
									W0XF	Xford, N.C.	1000
									W00W	Greenville, N.C.	1000
									WGN1	Wilmington, N.C.	1000
									W1AR	Winston-Salem, N.C.	250
									KGPC	Grafton, N.Dak.	1000
									WNC0	Ashtland, O.	1000
									W00B	Athens, Ohio	250
									W1ZE	Springfield, Ohio	1000
									W1ST	Sturgeon, Ohio	1000
									K1HN	Hugo, Okla.	250
									K0CY	Okla. City, Okla.	1000
									K10W	Sand Springs, Okla.	500
									K100	Corvallis, Ore.	1000
									K1WR	Enterprise, Oreg.	250
									K1HR	North River, Oreg.	250
									K1FR	North Bend, Oreg.	1000
									W1CV	Conover, Pa.	1000d
									W1SA	Greave City, Pa.	100
									W1RZ	Oil City, Pa.	1000
									W1AT	Philadelphia, Pa.	1000
									W1RA	Reading, Pa.	1000
									W1RN	Tyrons, Pa.	1000
									W1BE	Wilkes-Barre, Pa.	1000
									W1PA	Williamsport, Pa.	1000
									W1NA	Aquidilla, P. R.	250
									W1KE	Charleston, S. C.	1000
									W1RH	Rock Hill, S.C.	1000
									W1SS	Sumter, S.C.	1000
									K11V	Huron, S. D.	1000
									K1RD	Rapid City, S.Dak.	1000
									W1BC	Cleveland, Tenn.	1000
									W1RM	Columbia, Tenn.	1000
									W1GR	Greenville, Tenn.	1000
									W1KN	Knoxville, Tenn.	1000
									W10K	Memphis, Tenn.	1000d
									W1CD	Winchester, Tenn.	1000
									K1WC	Abilene, Tex.	1000
									K1SL	Burnett, Tex.	250
									K1ND	Corsicana, Tex.	250
									K1ET	El Paso, Tex.	250
									K1LB	Lubbock, Tex.	1000
									K1BA	Lufkin, Tex.	1000
									K1PD	Pampa, Tex.	250
									K10E	Port Arthur, Tex.	250
									K10E	San Angelo, Tex.	250
									K1VC	Victoria, Tex.	250
									W1WN	St. Johnsbury, Vt.	1000
									W1ST	Charlotte Amalie, V.I.	250
									W1CY	Covington, Va.	1000
									W1AP	Hopewell, Va.	1000
									W1MA	Orange, Va.	1000
									K1AG	Anacortes, Wash.	250
									K1MT	Kennewick, Wash.	1000
									K1PA	Raymond, Wash.	1000

# WHITE'S RADIO LOG

kHz	Wave Length	W.P.
KMEL	Wenatchee, Wash.	250
WHAR	Clarksburg, W.Va.	1000
WPM	Martinsburg, W.Va.	1000
WMON	Montgomery, W.Va.	250
WOVE	Welch, W.Va.	1000
WRIT	Ladysmith, Wis.	1000
WSGT	Jackson, Wyo.	250
KYCN	Wheatland, Wyo.	1000
KWOR	Worland, Wyo.	1000
<b>1350—222.1</b>		
WELB	Elba, Ala.	1000d
WGAD	Gadsden, Ala.	5000d
KLYD	Bakersfield, Calif.	5000
KCKC	San Bernardino, Cal.	5000
KSRD	Santa Rosa, Calif.	5000
KKAM	Pueblo, Colo.	5000
WNLK	Norwalk, Conn.	1000
WNYN	Putnam, Conn.	1000d
WEZY	Cocoa, Fla.	1000
WDCE	Dade City, Fla.	1000
WCAI	Fort Myers, Fla.	1000d
WBSS	Blackshear, Ga.	5000
WRWH	Cleveland, Ga.	1000d
WAVC	Warner Robins, Ga.	5000d
KRLC	Lewiston, Ida.	5000d
	Clarkston, Wash.	5000d
WXCL	Peoria, Ill.	1000
WJBD	Salinas, Ill.	1000
WIOU	Kokomo, Ind.	5000
KRNT	Des Moines, Iowa	5000
KMAN	Manhattan, Kans.	5000
WLOU	Louisville, Ky.	5000d
WSMB	New Orleans, La.	5000
WHMI	Howell, Mich.	500
KDIO	Ortonville, Minn.	1000d
WCMP	Pine City, Minn.	1000d
WKCU	Corinth, Miss.	1000
WKQZ	Kosciusko, Miss.	5000d
KCHR	Charleston, Mo.	1000d
KBRX	O'Neill, Nebr.	1000d
WLNH	Laconia, N.H.	5000d
WHWH	Princeton, N.J.	5000
KABQ	Albuquerque, N.M.	5000
WBCA	Corning, N.Y.	1000d
WRNY	Rome, N.Y.	5000
WBMS	Black Mountain, N.C.	500d
WHIP	Mooresville, N.C.	1000d
WLLY	Wilson, N.C.	1000d
KBMR	Bismarek, N. D.	5000
WSLR	Akron, O.	5000
WCSM	Celina, Ohio	5000
WCHI	Chillicothe, Ohio	1000d
KRHD	Duncan, Okla.	250
KTLO	Tahlequah, Okla.	1000d
KRVC	Ashland, Oreg.	1000d
WORK	York, Pa.	5000
WDBR	Windber, Pa.	1000d
WDAR	Darlington, S.C.	1000d
WGSW	Greenwood, S.C.	5000
WRKM	Carthage, Tenn.	1000d
KCAR	Clarksville, Tex.	5000
KTXJ	Jasper, Tex.	1000d
KCOR	San Antonio, Tex.	5000
WBTL	Bedford, Va.	1000d
WFLS	Fredericksburg, Va.	1000d
WAVV	Norton, Va.	5000d
WAVY	Portsmouth, Va.	5000d
WPDH	Portage, Wis.	5000d
<b>1360—220.4</b>		
WWWB	Jasper, Ala.	1000d
WLIQ	Mobile, Ala.	5000d
WMFC	Monroeville, Ala.	1000d
WELR	Roanoke, Ala.	1000d
KRUX	Glendale, Ariz.	5000
KLYR	Clarksville, Ark.	5000
KFEA	Helena, Ark.	1000d
KFIV	Medford, Cal.	5000
KRCK	Ridgecrest, Calif.	1000d
KGB	San Diego, Calif.	5000
KDEY	Boulder, Colo.	5000
WDRG	Hartford, Conn.	5000
WBSB	Jacksonville, Fla.	5000d
WKAT	Miami Beach, Fla.	5000
WINT	Winst. Haven, Fla.	1000d
WAZA	Bainbridge, Ga.	1000d
WLAW	Lawrenceville, Ga.	1000d
WMAE	Metter, Ga.	5000
WYN	Rome, Ga.	5000
WLBK	DeKalb, Ill.	1000d
WVCM	Mt. Carmel, Ill.	5000
WGFA	Watseka, Ill.	1000d
KHAK	Cedar Rapids, Iowa	1000d
KRCB	Council Bluffs, Iowa	1000d
KXGI	Ft. Madison, Iowa	1000d
KSCJ	Sioux City, Iowa	5000
KBTO	El Dorado, Kans.	5000d
WFLW	Monticello, Ky.	1000d

kHz	Wave Length	W.P.
KDXI	Mansfield, La.	1000d
KNIR	New Iberia, La.	1000d
KTLD	Tallulah, La.	5000d
WEBB	Baltimore, Md.	5000d
WLYN	Lynn, Mass.	1000d
WKYO	Caro, Mich.	5000
WKMI	Kalamazoo, Mich.	5000
KLRS	Mountain Grove, Mo.	1000d
KICX	McCook, Nebr.	1000d
WNNJ	Newton, N.J.	1000d
WBBZ	Vineland, N.J.	1000
WKOP	Binghamton, N.Y.	5000
WMNS	Olean, N.Y.	1000d
WCHL	Chapel Hill, N.C.	1000d
KEYZ	Williston, N.D.	5000
WSAI	Cincinnati, Ohio	5000
WWOW	Coneaut, Ohio	500d
KDJK	Hillsboro, Oreg.	1000d
WMOK	McKeesport, Pa.	5000
WPPA	Pottsville, Pa.	5000
WELP	Easley, S.C.	1000d
WLCM	Lancaster, S.C.	1000d
WBLC	Lenoir City, Tenn.	5000
WNAH	Nashville, Tenn.	1000d
KRAY	Amarillo, Tex.	500d
KACT	Andrews, Tex.	1000d
KWVA	Baytown, Tex.	1000
KRYS	Travis Christi, Tex.	5000
KXOL	Ft. Worth, Tex.	5000
WBOB	Galva, Va.	1000d
WHBG	Harrisonburg, Va.	5000d
KFDR	Grand Coulee, Wash.	1000d
KMO	Tacoma, Wash.	5000
WHJC	Matawan, W.Va.	1000d
WMOV	Ravenswood, W.Va.	1000d
WVAY	Green Bay, Wis.	5000
WISV	Virgil, Wis.	1000
WMNE	Menomonee, Wis.	1000d
KVRS	Rock Springs, Wyo.	1000
<b>1370—218.8</b>		
WBYE	Calera, Ala.	1000d
KAWW	Heber Springs, Ark.	500
KTPA	Prescott, Ark.	500d
KREL	Corona, Cal.	1000
KGCY	Quincy, Calif.	500d
KEES	San Jose, Calif.	5000
WMTL	Tulare, Calif.	1000d
WKMK	Blountstown, Fla.	5000
WWKE	Ocala, Fla.	5000d
WCOA	Pensacola, Fla.	5000
WAXE	Verona Beach, Fla.	1000d
WLOP	Jesup, Ga.	5000
WFDR	Manchester, Ga.	1000d
WLOV	Washington, Ga.	1000d
WPTD	Waco, Ill.	1000d
WTTB	Bloomington, Ind.	5000
WLTH	Gary, Ind.	1000d
KDTH	Dubuque, Iowa	5000
KGNO	Dodge City, Kans.	5000
KALN	Iola, Kans.	500d
WABD	Ft. Campbell, Ky.	500d
WGOH	Grayson, Ky.	5000d
WTKY	Tompkinsville, Ky.	1000d
KAPB	Marksville, La.	1000d
WDEA	Elsworth, Me.	5000d
WMHI	Braddock's Hts., Md.	500d
WKIK	Leonardtown, Md.	1000d
WGHN	Grand Haven, Mich.	5000
KSUM	Fairmont, Minn.	1000
WMKT	S. St. Paul, Minn.	500d
WMGO	Canon, Miss.	1000d
KWBT	Boonville, Mo.	1000d
KCRV	Caruthersville, Mo.	1000d
KXLF	Butte, Mont.	5000
KAWL	York, Nebr.	500d
WFEA	Manchester, N.H.	5000
WELV	Ellenville, N.Y.	500
WALK	Pateogue, N.Y.	5000
WSAY	Rochester, N.Y.	5000
WLTC	Gastonia, N.C.	5000d
WTAB	Taber City, N.C.	5000d
KFIM	Grand Forks, N.D.	1000d
WSPD	Toledo, Ohio	5000
KVYL	Holdenville, Okla.	5000
KAST	Astoria, Oreg.	1000
WOTR	Corry, Pa.	1000
WPAZ	Pottstown, Pa.	1000d
WKMR	Roaring Sprs., Pa.	1000
WIVV	Vieques, P.R.	1000
WKFD	Wickford, R.I.	500d
WDEF	Chattanooga, Tenn.	5000
WDXE	Lawrenceburg, Tenn.	1000d
WRGS	Rogersville, Tenn.	1000d
KOKE	Austin, Tex.	1000d
KFRD	Longview, Tex.	1000
KPOS	Post, Tex.	1000
KSP	Salt Lake City, Utah	1000d
WBTN	Bennington, Vt.	1000d
WHEE	Martinsville, Va.	5000d
WJSS	South Hill, Va.	5000d
KPOR	Quincy, Wash.	1000d
WEIF	Moundsville, W. Va.	1000d
WCCN	Neillsville, W. Va.	5000d
KVWD	Cheyenne, Wyo.	1000
<b>1380—217.3</b>		
WRAB	Arab, Ala.	1000d
WGYV	Greenville, Ala.	1000d
WYSA	Vernon, Ala.	5000
KDXE	N. Little Rock, Ark.	1000d

kHz	Wave Length	W.P.
KBVM	Lancaster, Calif.	1000d
KGMS	Sacramento, Calif.	5000
KSBB	Salinas, Calif.	5000
KFLJ	Walsenburg, Colo.	1000d
WAMS	Wilmington, Del.	5000
WLIZ	Lake Worth, Fla.	5000
WQXQ	Ormond Bch., Fla.	1000d
WLKY	St. Petersburg, Fla.	5000
WAOK	Atlanta, Ga.	5000
WSIZ	Savilla, Ga.	1000
KPOI	Honolulu, Hawaii	5000
WVCM	Brazil, Ind.	5000
WKIG	Ft. Wayne, Ind.	5000
KCIH	Carroll, Iowa	1000
KCIH	Washington, Iowa	5000
KUDL	Fairway, Kan.	5000
WMTA	Central City, Ky.	5000
WWICV	Winchester, Ky.	1000d
WKITJ	Farmington, Me.	1000d
WTTT	Port Huron, Mich.	1000
WPLB	Greenville, Mich.	1000
KLIZ	Brainerd, Minn.	5000
KAGE	Winona, Minn.	1000
WDLT	Indianola, Miss.	5000
KWV	St. Louis, Mo.	5000d
KLVZ	Holdrege, Nebr.	500
WBBX	Portsmouth, N.H.	1000
WAWZ	Zarephath, N.J.	5000
WFSR	Bath, N.Y.	5000
WBXN	New York, N.Y.	5000
WLOS	Asheville, N.C.	5000
WTOB	Winston-Salem, N.C.	5000
WVIZ	Lorain, Ohio	5000
WPKD	Waverly, Ohio	1000d
KSWO	Lawton, Okla.	1000
KMUS	Muskogee, Okla.	1000
KBCH	Ocean Lake, Oreg.	1000d
KSRV	Ontario, Oreg.	1000d
WACB	Kittanning, Pa.	1000d
WMLF	Milton, Pa.	1000d
WVZ	Waynesboro, Pa.	500
WNRI	Woonsocket, R.I.	1000
WAGS	Bishopville, S.C.	1000d
WGUS	N. Augusta, S.C.	1000
KOTA	Rapid City, S.Dak.	5000
KFCB	Redfield, S.Dak.	5000
WYSH	Gilting, Tenn.	1000d
WGMH	Millington, Tenn.	1000d
WBEA	Beaumont, Tex.	5000
KBWD	Brownwood, Tex.	1000
KCRM	Crate, Tex.	1000d
KTSM	El Paso, Tex.	5000
KMUL	Muleshoe, Tex.	1000d
KBOP	Pleasanton, Tex.	1000d
WYSB	Ruffland, Vt.	5000
WTV	Richmond, Va.	5000
KRKO	Everett, Wash.	5000
KPEG	Spokane, Wash.	5000d
WMTD	Hinton, W.Va.	1000d
WBEL	Beloit, Wis.	5000
<b>1390—215.7</b>		
WHMA	Aniston, Ala.	5000
KDQN	DeQueen, Ark.	5000
KAMO	Rogers, Ark.	1000d
KGER	Long Beach, Calif.	3000
KCY	Turlock, Calif.	5000
KFML	Denver, Colo.	5000d
WAVP	Avon Park, Fla.	5000
WUWU	Gainesville, Fla.	5000d
WISK	Americus, Ga.	5000d
WNUS	Chicago, Ill.	5000
WFIW	Fairfield, Ill.	1000
WJCD	Seymour, Ind.	1000d
WJCD	Hunting, Iowa	5000
KCBC	Des Moines, Iowa	5000
KNCK	Concordia, Kans.	5000
WANY	Albany, Ky.	1000d
WKIC	Hazard, Ky.	5000d
KFRF	Franklin, La.	5000
WEGP	Presque Isle, Me.	5000d
KJPW	Waynesville, Mo.	1000d
WCAT	Orange, Mass.	1000d
WPLM	Plymouth, Mass.	5000
WCEB	Charlotte, Mich.	5000d
KAOH	Duluth, Minn.	5000
KRFV	Owatonna, Minn.	5000
WROA	Gulfport, Miss.	1000d
WQIC	Meridian, Miss.	5000d
KJPM	Waynesville, Mo.	1000d
WENN	Farmington, N.Mex.	5000
KHOB	Hobbs, N.Mex.	5000
WEOK	Poughkeepsie, N.Y.	5000
WRIV	Riverhead, N.Y.	1000d
WFBL	Syracuse, N.Y.	5000
WEED	Rocky Mount, N.C.	5000
WADA	Shelby, N.C.	1000
WFRN	Froy, N.C.	5000
KLPM	Minot, N.Dak.	5000
WHPH	Bellefontaine, Ohio	5000
WMPD	Middeport-Pomeroy, O.	5000d
WFMJ	Youngstown, Ohio	3000
KCRC	Enid, Okla.	1000
KSLM	Salem, Oreg.	5000
WLAN	Lancaster, Pa.	5000
WRSC	State College, Pa.	1000d
WISA	Isabella, P.R.	1000d
WHPB	Belton, S.C.	1000d
WCSC	Charleston, S.C.	5000d
KJAM	Madison, S.D.	5000d

kHz	Wave Length	W.P.
WYXJ	Athens, Tenn.	5000
WTJS	Jackson, Tenn.	5000
KULP	El Corno, Tex.	5000
KBEC	Waxahachie, Tex.	5000d
KLGN	Logan, Utah	1000
WEAM	Arlington, Va.	5000
WWPD	Lynchburg, Va.	5000
WKL	Keyser, W.Va.	1000d
KBBO	Yakima, Wash.	1000
<b>1400—214.2</b>		
WMSS	Decatur, Ala.	1000
WXAL	Demopolis, Ala.	1000d
WFPA	Fort Payne, Ala.	1000
WJLD	Homewood, Ala.	1000
WJHO	Opelika, Ala.	1000
KSEW	Sitka, Alaska	5000
KCLF	Clifton, Ariz.	250
KIKJ	Flagstaff, Ariz.	250
KXIV	Phoenix, Ariz.	1000
KTUC	Tucson, Ariz.	250
KVON	Avon, Ariz.	250
KELD	El Dorado, Ark.	1000
KCLA	Pine Bluff, Ark.	1000
KWYN	Wynne, Ark.	1000
KPAT	Berkeley, Calif.	1000
KREO	Indio, Calif.	250
KQMS	Redding, Calif.	250
KSLY	Santa Fe, Calif.	250
KSPA	Santa Paula, Calif.	250
KHOE	Truckee, Calif.	1000
KUKI	Ukiah, Calif.	1000
KONG	Visalia, Calif.	1000
KRLN	Canon City, Colo.	250
KDTA	Delta, Colo.	250
KMTM	Ft. Morgan, Colo.	1000
KBZZ	Yuma, Colo.	250
WSTC	Stamford, Conn.	1000
WILL	Williamamit, Conn.	1000
WFTL	Ft. Lauderdale, Fla.	1000
WIRA	Ft. Pierce, Fla.	1000
WVNE	Ft. Walton Bch., Fla.	1000d
WRHC	Jacksonville, Fla.	1000d
WPRY	Perry, Fla.	1000
WTRR	Sanford, Fla.	1000
WZRH	Zephyr Hills, Fla.	250
WQCS	Alma, Ga.	1000
WSCG	Elberton, Ga.	1000
WNEK	Macon, Ga.	1000
WVGA	Moultrie, Ga.	1000
WCOH	Newman, Ga.	1000
WESA	Savannah, Ga.	1000
KART	Jerome, Idaho	250
KRPL	Moscow, Idaho	250
KIGO	St. Anthony, Ida.	1000
KSPD	Sandpoint, Idaho	1000
WDDS	Champaign, Ill.	1000
WGL	Galesburg, Ill.	1000
WROZ	Evansville, Ind.	1000
WBAT	Marion, Ind.	1000
KCOG	Centerville, Ia.	500
KVDF	Fort Dodge, Iowa	1000
KVOE	Emporia, Kans.	1000
KAYS	Hays, Kans.	1000
WCYN	Cynthiana, Ky.	250
WIEL	Elizabethtown, Ky.	500
KCY	Turlock, Calif.	5000
WFKR	Hammond, La.	1000
WAFR	Lake Charles, La.	1000
WRDD	Augusta, Maine	1000d
WIDE	Biddeford, Maine	1000
WWIN	Baltimore, Md.	1000
WALE	Fall River, Mass.	1000
WLLH	Lowell, Mass.</	

kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
WYSL	Buffalo, N.Y.	1000	WOTT	Watertown, N.Y.	5000	WLAU	Laurel, Miss.	5000	KYOR	Blythe, Calif.	250
WSLB	Ogdensburg, N.Y.	1000	WVCB	Shallotte, N.C.	5000	KAOL	Carrollton, Mo.	5000	KOWN	Escondido, Calif.	250
WBMA	Beaufort, N.C.	250	WVCO	Concord, N.C.	1000	WIL	St. Louis, Mo.	5000	KPAL	Palm Springs, Cal.	1000
WGBG	Greensboro, N.C.	1000	WSRC	Durham, N.C.	1000	KRGI	Grand Island, Nebr.	5000	KTIP	Porterville, Calif.	1000
WSHB	Raeeford, N.C.	1000	WING	Dayton, Ohio	5000	WNJR	Newark, N.J.	5000	KCOL	San Francisco, Cal.	1000
WSIC	Statesville, N.C.	1000	KPAM	Portland, Oreg.	3000	KGFL	Roswell, N.M.	5000	KVML	Sonora, Calif.	1000
WLSE	Wallace, N.C.	1000	WLSH	Lansford, Pa.	3000	WENE	Endicott, N.Y.	5000	KVEN	Ventura, Calif.	1000
WHQC	Waynesville, N.C.	1000	KQV	Pittsburgh, Pa.	5000	WMNG	Morgantown, N.C.	5000	KZIN	Yuba City, Calif.	100
WCNF	Weldon, N.C.	1000	WPCB	Clinton, S.C.	1000	WJIS	Mt. Olive, N.C.	1000	KWAV	Alamosa, Colo.	1000
KEYJ	Jamestown, N.Dak.	1000	WYMB	Sierra Vista, S.C.	1000	KYBK	Rocky Mt., N.C.	1000	KYU	Grady, Okla.	1000
WMAN	Mansfield, Ohio	1000	WCMT	Martin, Tenn.	1000	WFOB	Fostoria, Ohio	1000	WNAW	Bridgport, Conn.	1000
WPAY	Portsmouth, Ohio	1000	KBUD	Athens, Tex.	1000	WCLT	Newark, Ohio	5000	WILM	Wilmette, Ill.	1000
KWON	Bartlesville, Okla.	1000	KBAN	Bowie, Tex.	5000	KALV	Alva, Okla.	5000	WOL	Washington, D. C.	1000
KTMC	McAteer, Okla.	250	KVLB	Cleveland, Tex.	500	WELI	Tulsa, Okla.	250	WJJB	Brooksville, Fla.	1000
KNOR	Norman, Okla.	250	KXIT	Dalhart, Tex.	5000	KGAY	Salem, Oreg.	5000	WMFJ	Daytona Beach, Fla.	1000
KNND	Cottage Grove, Oreg.	1000	KDOX	Marshall, Tex.	500	WVAM	Altounga, Pa.	1000	WOGN	Miami, Fla.	250
KJDY	John Day, Oreg.	1000	KRIG	Ogessa, Tex.	1000	WNEL	Caguas, P. R.	5000	WBSR	Pensacola, Fla.	1000
WEST	Easton, Pa.	1000	KBAL	Salz, Tex.	5000	WBLR	Gatesboro, S.C.	5000	WSPB	Sarasota, Fla.	1000
WJET	Erie, Pa.	1000	KNAL	Victoria, Tex.	500	WATP	Marion, S.C.	1000	WSTU	Stuart, Fla.	250
WFEC	Harrisburg, Pa.	1000	WKIK	Chester, Va.	5000	WBUG	Ridgeland, S.C.	1000	WTAL	Tallahassee, Fla.	1000
WWSF	Loretto, Pa.	250	WRIS	Roanoke, Va.	5000	KBRK	Brookings, S. Dak.	1000	WGPC	Albany, Ga.	1000
WICK	Scranton, Pa.	250	WRDS	S. Charleston, W. Va.	1000	WGWY	Fountain City, Tenn.	1000	WBHF	Cartersville, Ga.	1000
WRAK	Williamsport, Pa.	1000	WKBH	Lacrosse, Wis.	5000	WENO	Madison, Tenn.	5000	WCOR	Cornelia, Ga.	250
WVOZ	Carolina, P. R.	500	KWYO	Sheridan, Wyo.	1000	WHER	Memphis, Tenn.	1000	WKEU	Griffin, Ga.	1000
WCOS	Columbia, S.C.	1000	<b>1420—211.1</b>			WSTB	Breckenridge, Tex.	1000	WVVG	Milledgeville, Ga.	1000
WGTN	Georgetown, S.C.	1000	WACT	Tuscaloosa, Ala.	5000	KTES	Gladewater, Tex.	1000	WBYG	Savannah, Ga.	1000
WHQC	Spartanburg, S.C.	1000	KFTH	Sierra Vista, Ariz.	1000	KHES	Houston, Tex.	1000	WLDL	Vandosta, Ga.	1000
WBJM	Leimon, S.D.	1000	KXDV	Hot Springs, Ark.	1000	KLO	Ogden, Utah	5000	KVSI	Montpelier, Ida.	1000
WJZM	Clarksburg, Tenn.	1000	KPCO	Pocahontas, Ark.	1000	WIVE	Ashland, Va.	1000	KEEP	Twin Falls, Idaho	1000
WHUB	Cookeville, Tenn.	1000	KRDO	Colo. Sprgs., Colo.	1000	WDIC	Clincho, Va.	1000	WVON	Cicero, Ill.	1000
WLSB	Copperhill, Tenn.	1000	KSTN	Stockton, Calif.	5000	KBRK	Mt. Vernon, Wash.	5000	WKEI	Kewanee, Ill.	500
WGAP	Maryville, Tenn.	1000	WLIS	Old Saybrook, Conn.	5000	WEIR	Weirton, W. Va.	1000	WCVS	Springfield, Ill.	1000
WHAL	Walton, Tenn.	1000	WBRD	Bradenton, Fla.	1000	WBEV	Beaver Dam, Wis.	1000	WLYV	Ft. Wayne, Ind.	1000
KRUN	Ballinger, Tex.	1000	WDBF	Delray Beach, Fla.	5000	<b>1440—208.2</b>			WLYV	Jeffersonville, Ind.	1000
KBYG	Big Springs, Tex.	1000	WAVO	St. Augustine, Fla.	1000	WHHY	Montgomery, Ala.	5000	WASK	Lafayette, Ind.	1000
KUNO	Corpus Christi, Tex.	1000	WVVO	Avalon Estates, Ga.	1000	WHOO	Scottsdale, Ariz.	5000	WADV	Vincennes, Ind.	1000
KILE	R. Galveston, Tex.	250	WRBL	Columbus, Ga.	5000	KHOG	Fayetteville, Ark.	1000	KLWW	Cedar Rapids, Ia.	250
KGVL	Greenville, Tex.	1000	WPEH	Louisville, Ga.	1000	KOIK	Little Rock, Ark.	5000	KYET	Payette, Ida.	250
KEBE	Jacksonville, Tex.	1000	WLET	Teocoa, Ga.	5000	KQVN	Napa, Cal.	1000	KBBW	Hutcheson, Kans.	1000
KLUJ	Pecos, Tex.	1000	KCCN	Honolulu, Hawaii	5000	KPRD	Riverside, Calif.	1000	WTGO	Campbellville, Ky.	1000
KEYE	Perryville, Tex.	250	WINI	Murphysboro, Ill.	5000	KCOY	Santa Maria, Calif.	1000	WXL	Manchester, Ky.	1000
KVOP	Plainview, Tex.	1000	WIMS	Michigan City, Ind.	5000	WABR	Winter Park, Fla.	1000	WPAD	Paducah, Ky.	1000
KDWT	Stamford, Tex.	1000	WJCS	Davenport, Iowa	1000	WVCF	Clinton, Ga.	5000	WLKS	W. Liberty, Ky.	1000
KTEM	Temple, Tex.	1000	KJCK	Junction City, Kans.	1000	WVIG	Brunswick, Ga.	5000	KSIG	Crowley, La.	1000
KTF5	Texarkana, Tex.	250	KULY	Ulysses, Kans.	1000	WVMG	Cochran, Ga.	5000	KNOC	Natchitoches, La.	1000
KVOU	Uvalde, Tex.	250	WTCR	Ashland, Ky.	5000	WRAJ	Anna, Ill.	500	WNPS	New Orleans, La.	250
KIXX	Provo, Utah	250	WHBN	Harrodsburg, Ky.	1000	WIOK	Normal, Ill.	1000	WLKN	Lincoln, Me.	1000
WDOT	Burlington, Vt.	1000	WVJS	Owensboro, Ky.	5000	WPRS	Paris, Ill.	1000	WRKD	Rockland, Maine	250
WINA	Charlottesville, Va.	1000	KPEL	Lafayette, La.	1000	WGM	Quincy, Ill.	5000	WKTP	South Paris, Maine	1000
WHHV	Hillsville, Va.	1000	WBEM	New Bedford, Mass.	5000	WRBK	Rockford, Ill.	5000	WTBO	Cumberland, Md.	1000
WHIH	Portsmouth, Va.	1000	WBEU	Pittsfield, Mass.	1000	WVPI	Patuxent, Ind.	5000	WMAS	Springfield, Mass.	1000
WHLF	So. Boston, Va.	1000	WAMJ	W. Mich.	1000	WKCH	Cherokee, Iowa	5000	WATZ	Alpena Township, Mich.	1000
WINC	Winchester, Va.	1000	WKPR	Kalamazoo, Mich.	1000	KEWI	Topeka, Kans.	5000	WHTC	Holland, Mich.	1000
KEDO	Longview, Wash.	1000	WKO	Mankato, Minn.	5000	WCDS	Glasgow, Ky.	1000	WMIQ	Iron Mt., Mich.	250
KRSC	Othello, Wash.	250	WSUH	Oxford, Miss.	1000	WPDE	Paris, Ky.	1000	WBM	Jackson, Mich.	1000
KTNT	Tacoma, Wash.	250	WQBC	Viicksburg, Miss.	1000	WEZJ	Williamsburg, Ky.	1000	WKLA	Ludington, Mich.	1000
WBOY	Clarkburg, W. Va.	1000	KBTN	Neosho, Mo.	5000	KMLB	Monroe, La.	5000	WNB	Newberry, Mich.	1000
WRON	Ronceverte, W. Va.	1000	KSDO	Omaha, Nebr.	1000	WJAB	Westbrook, Mo.	5000	WHS	Warfield, Minn.	1000
WVRC	Spencer, W. Va.	1000	WALY	Albany, N. Mex.	1000	WABC	Worcester, Mass.	5000	KATE	Albert Lea, Minn.	250
KWKW	Wheeling, W. Va.	250	WACK	Newark, N.Y.	500	WBCN	Bay City, Mich.	1000	KBUN	Bemidji, Minn.	1000
WBTH	Williamson, W. Va.	1000	WLYA	Herkimer, N.Y.	1000	WDOW	Dowagiac, Mich.	1000	KBMW	Waukegan, N.D.	1000
WATW	Ashland, Wis.	1000	WLYN	Peekskill, N.Y.	1000	WCHB	Inkster, Mich.	1000	WELY	Ely, Minn.	1000
WBIZ	Eau Claire, Wis.	1000	WLYA	Mayodan, N.C.	500	KQRS	Golden Valley, Minn.	5000	KFAM	St. Cloud, Minn.	1000
WUJN	Green Bay, Wis.	1000	WVOT	Wilson, N.C.	1000	KEYL	Long Prairie, Minn.	1000	WDRX	Clarkdale, Miss.	1000
WRUN	Racine, Wis.	1000	WHK	Cleveland, Ohio	5000	WHHT	Lucedale, Miss.	1000	WJXN	Jackson, Miss.	250
WRIB	Reedsburg, Wis.	1000	KYNG	Coos Bay, Oreg.	5000	WSEL	Pontotoe, Miss.	1000	WOKK	Meridian, Miss.	1000
WRDG	Wausau, Wis.	1000	WCED	Coatesville, Pa.	5000	WASB	Asbury Park, N.J.	1000	WNAT	Natchez, Miss.	250
KATI	Casper, Wyo.	1000	WEUC	Ponce, P.R.	1000	WMBB	Millville, N.J.	1000	WROB	West Point, Miss.	1000
KODI	Coody, Wyo.	1000	WCRE	Cheraw, S.C.	1000	WJLL	Niagara Falls, N.Y.	1000	KFTW	Fredericktown, Mo.	1000
<b>1410—212.6</b>			WERM	Erwin, Tenn.	5000	WGO	Oswego, N.Y.	1000	WMBH	Joplin, Mo.	1000
WUNI	Mobile, Ala.	5000	WKFN	Pulaski, Tenn.	1000	WBLA	Elizabethtown, N.C.	1000	KIRX	Kirkville, Mo.	1000
WRCK	Tuscumbia, Ala.	5000	WBYU	Bonham, Tex.	250	WBUV	Lexington, N.C.	5000	KOKO	Warrensburg, Mo.	1000
KTCS	Fort Smith, Ark.	1000	KGNB	New Braunfels, Tex.	1000	KILO	Grand Forks, N.D.	1000	KWPM	West Plains, Mo.	1000
KERN	Bakersfield, Calif.	1000	KPEP	San Angelo, Tex.	1000	WHH	Warren, Ohio	5000	KXDL	Bozeman, Mont.	1000
KRML	Carroll, Calif.	5000	WWSR	St. Albans, Vt.	1000	KMED	Medford, Oreg.	5000	KUDI	Great Falls, Mont.	1000
KKOK	Lompoc, Calif.	5000	WDDY	Gloucester, Va.	1000	KODL	The Dalles, Oreg.	1000	KXLL	Missoula, Mont.	250
KMYK	Marysville, Calif.	5000	WKCW	Warrenton, Va.	5000	WCDL	Carbondale, Pa.	5000	KRBN	Red Lodge, Mont.	1000
KCAL	Redlands, Calif.	5000	KITI	Chehalis-Centralia, Wash.	1000	WNPV	Lansdale, Pa.	5000	KVCK	Wolf Point, Mont.	1000
KCOL	Ft. Collins, Colo.	1000	KREN	Renton, Wash.	500	WQCB	Red Lion, Pa.	1000	KWBE	Beatrice, Nebr.	250
WPOP	Hartford, Conn.	5000	KUJ	Walla Walla, Wash.	5000	WHQK	Greenville, S.C.	5000	KONE	Reno, Nev.	250
WDOV	Dover, Del.	5000	WPLY	Plymouth, Wis.	5000	WHLY	Holly Hill, S.C.	1000	KWKL	Concord, N.H.	1000
WMYR	Fort Myers, Fla.	5000	<b>1430—209.7</b>			WZYX	Cowan, Tenn.	1000	WPGF	Atlantic City, N.J.	1000
WBIL	Leesburg, Fla.	1000	WFHJ	Pell City, Ala.	1000	WHDM	McKenzie, Tenn.	5000	WCTC	New Brunswick, N. J.	1000
WONS	Tallahassee, Fla.	1000	KHBM	Monticello, Ark.	1000	KPUR	Amerville, Tex.	5000	KRZY	Albuquerque, N.M.	250
WGRJ	Griffin, Ga.	1000	KAMP	El Centro, Calif.	1000	KEYS	Corpus Christi, Tex.	1000	KLMX	Clayton, N. Mex.	1000
WSNE	Cummings, Ga.	1000	KARM	Fresno, Calif.	5000	KDNT	Denton, Tex.	5000	KOBE	Las Cruces, N. Mex.	1000
WDAX	McRae, Ga.	1000	KALI	San Gabriel, Calif.	5000	KGVL	Greenville, Tex.	1000	KENM	Portland, N.C.	1000
WLAQ	Rome, Ga.	1000	KJAY	Sacramento, Calif.	5000	KWEL	Midland, Tex.	5000	WCLI	Corning, N.Y.	1000
WRMN	Elgin, Ill.	1000	KJUN	Sta. Clara, Cal.	1000	KKEX	Livingston, Tex.	5000	WSSC	Glen Falls, N.Y.	1000
WTIM	Taylorville, Ill.	1000	KKSA	Aurora, Colo.	5000	WHLB	Blackstone, Va.	5000	WHDL	Olean, N.Y.	1000
WAZY	Lafayette, Ind.	1000	WLII	Homestead, Fla.	5000	WHRN	Herndon, Va.	5000	WKIP	Poughkeepsie, N. Y.	1000
KGRN	Grinnell, Iowa	5000	WLAH	Lakeland, Fla.	5000	KDNC	Spokane, Wash.	5000	WKAL	Rome, N.Y.	1000
KLEM	LeMars, Iowa	1000	WPGF	Panama City, Fla.	5000	WHIS	Bluefield, W. Va.	5000	WATA	Boone, N. C.	1000
KCLO	Leavenworth, Kans.	5000	WPCS	Covington, Ga.	1000	WVJR	Morgantown, W. Va.	5000	WAGC	Winston-Salem, N.C.	1000
KWBB	Wichita, Kans.	3000	WRCD	Dalton, Ga.	1000	WJPG	Green Bay, Wis.	5000	WIZS	Henderson, N.C.	1000
KWB	Bowling Green, Ky.	1000	WVGS	Tifton, Ga.	5000	<b>1450—206.8</b>			WHKP	Hendersonville, N.C.	1000
WHLN	Harrison, Ky.	5000	WVAM	Waynesville, N.C.	1000	WDNG	Aniston, Ala.	1000	WHIT	New Bern, N.C.	1000
KDBS	Alexandria, La.	1000	WVMS	Waynesville, N.C.	1000	WBEA	Bessemer, Ala.	1000	WFSB	Spring Lake, N.C.	1000
WDDW	Halfway, Md.	1000	WVOT	Wilson, N.C.	1000	WDG	Dothan, Ala.	1000	KGCA	Rugby, N. Dak.	250
WHAG	Halfway, Md.	1000	WVMS	Waynesville, N.C.	1000	WDFX	Huntsville, Ala.	1000	WTBO	Cumberland, O.	1000
WDKW	Brookton, Mass.	1000	WVMS	Waynesville, N.C.	1000	WLAY	Muscle Shoals City, Ala.	1000			

# WHITES RADIO LOG

kHz	Wave Length	W.P.
WWGO	Eric, Pa.	1000d
WFR	Franklin, Pa.	1000
WDAD	Indiana, Pa.	1000
WPAM	Pottsville, Pa.	1000
WMP	So. Williamsport, Pa.	250
WMAJ	State College, Pa.	1000d
WJPA	Washington, Pa.	250
WWR	W. Warwick, R.I.	1000
WQSN	Charleston, S.C.	1000
WCRS	Greenville, S.C.	1000
WMBY	Myrtle Beach, S.C.	1000
WHSC	Hartsville, S.C.	1000
KBFS	Belle Fourche, S. Dak.	1000
KYNT	Yankton, S. D.	1000
WLAR	Athens, Tenn.	1000
WMO	Chattanooga, Tenn.	1000
WDSG	Dyersburg, Tenn.	1000
WSMG	Greenville, Tenn.	250
WLAF	LaFollette, Tenn.	1000
WGN	Murfreesboro, Tenn.	1000
KAYC	Seatonport, Tenn.	250
KBEN	Carrizo Springs, Tex.	250
CTCI	Gonzales, Tex.	250
KMBL	Junction, Tex.	1000
KCYL	Lampasas, Tex.	1000
KMHT	Marshall, Tex.	1000
KAMY	McCamey, Tex.	250
KNET	Palestine, Tex.	250
KSNY	Snyder, Tex.	1000
MORA	Moab, Utah	1000
KEYY	Provo, Utah	1000
KDXU	St. George, Utah	1000
WSNO	Barre, Vt.	1000
WTS	Battleboro, Vt.	1000
WFR	Front Royal, Va.	1000
WENZ	Highland Springs, Va.	1000
WREL	Lexington, Va.	1000
WMVA	Martinsville, Va.	1000
KBKW	Aberdeen, Wash.	1000
KCLX	Coxfax, Wash.	1000
KONP	Port Angeles, Wash.	250
KAYE	Puyallup, Wash.	1000
WP	Parkersburg, W. Va.	1000
KFIZ	Fond du Lac, Wis.	1000
WDLB	Marshfield, Wis.	1000
WPP	Park Falls, Wis.	1000
WR	Richland Center, Wis.	1000
KBBS	Buffalo, Wyo.	250
KVOV	Riverton, Wyo.	1000

## 1460-205.4

WFMH	Cullman, Ala.	5000d
WPX	Phenix City, Ala.	5000
KZOT	Marianna, Ark.	500
KCCP	Paris, Ark.	500d
KTYM	Inglewood, Calif.	5000
KDON	Salinas, Calif.	5000
KVRE	Santa Rosa, Calif.	1000d
KYSN	Colo. Sprgs., Colo.	1000
WBAR	Bartow, Fla.	1000d
WZEP	DeFuniak Springs, Fla.	1000d
WMBR	Jacksonville, Fla.	5000
WDYX	Buford, Ga.	5000d
WPNX	Columbus, Ga.	1000
WROY	Carmi, Ill.	1000d
WIXN	Dixon, Ill.	1000d
WRTL	Rantoul, Ill.	250d
WKAM	Goshen, Ind.	1000d
WCH	North Vernon, Ind.	1000d
KSO	Des Moines, Iowa	5000
KCRB	Chanute, Kans.	1000d
WRVK	Mt. Vernon, Ky.	500d
WXOK	Baton Rouge, La.	5000
KBSF	Springhill, La.	1000d
WEMD	Easton, Md.	1000
WBE	Brockton, Mass.	5000
WBN	Bg. Spring, Mich.	1000d
WPON	Pontiac, Mich.	1000
KDWA	Hastings, Minn.	1000d
KDMA	Montevideo, Minn.	1000
WELZ	Beizoni, Miss.	1000d
WACY	Mess Point, Miss.	1000d
KADY	St. Charles, Mo.	5000d
KRNY	Kearney, Nebr.	5000d
WENO	Las Vegas, Nev.	1000
WOKO	Albany, N.Y.	5000
WVOX	New Rochelle, N.Y.	5000
WHFC	Rochester, N.Y.	5000
WVEQ	Fuquay Sprgs., N.C.	1000d
WRKB	Kannapolis, N.C.	500d
WMMH	Marshall, N.C.	5000
WNSN	Columbus, Ohio	5000
WPVL	Fairview, O.	1000d
KROW	Dallas, Ore.	5000d
KELR	El Reno, Okla.	500
WMB	Ambridge, Pa.	500d
WCMB	Harrisburg, Pa.	5000
WFBA	San Sebastian, P.R.	500
WDGG	Allendale, S. C.	500

kHz	Wave Length	W.P.
WBCU	Union, S.C.	1000
WJAK	Jackson, Tenn.	5000d
WEEN	Lafayette, Tenn.	1000d
KRZ	Freeport, Tex.	500d
KLZ	Lubbock, Tex.	1000d
WACO	Waco, Tex.	1000
WPRW	Manassas, Va.	500d
WRAD	Radford, Va.	5000
WLPM	Suffolk, Va.	5000d
KYAC	Kirkland, Wash.	5000d
KIMA	Yakima, Wash.	5000
WBC	Buckhannon, W. Va.	5000d
WRAC	Racine, Wis.	5000
WTMB	Tomah, Wis.	1000d

## 1470-204.0

WBLO	Evergreen, Ala.	1000d
KZNG	Hot Springs, Ark.	1000d
KOLI	Coalinga, Calif.	500d
KUTY	Palmdale, Cal.	5000d
KXDA	Sacramento, Calif.	5000
WMMW	Meriden, Conn.	1000
WRBD	Pompano Beach, Fla.	5000
WCWR	Tarpon Springs, Fla.	5000d
WAAG	Adel, Ga.	1000d
WDLA	Athens, Ga.	1000d
WCLA	Claxton, Ga.	1000d
WRGA	Rome, Ga.	5000
WMPF	Chicago Heights, Ill.	1000d
WMD	Peoria, Ill.	5000
WHUT	Anderson, Ind.	1000d
KTRI	Sioux City, Iowa	5000
KWVY	Waverly, Iowa	1000d
KARE	Atchison, Kans.	1000
KLIB	Liberal, Kans.	1000d
WSAC	Fort Knox, Ky.	1000d
KTDL	Farmersville, La.	1000d
KPLC	Leche Charles, La.	5000
WLAM	Lewiston, Maine	5000
WIDY	Salisbury, Md.	5000d
WTR	Westminster, Md.	1000d
WSRO	Marlborough, Mass.	5000
WNBP	Newburyport, Mass.	1000d
KMFM	Flint, Mich.	5000
WKLC	Kalamazoo, Mich.	5000
KANO	Anoka, Minn.	1000d
WCHJ	Brookhaven, Miss.	1000d
WNAU	New Albany, Miss.	500d
KGHM	Brookfield, Mo.	500d
KTCB	Malden, Mo.	1000d
WTKO	Ithaca, N.Y.	1000d
WPOT	Potsdam, N.Y.	1000d
WBIG	Greensboro, N.C.	5000
WPNC	Plymouth, N.C.	1000d
WTOE	Spruce Pine, N.C.	1000d
WOHO	Toledo, Ohio	1000
KVLH	Pauls Valley, Okla.	250d
KVIN	Vinita, Okla.	500d
KRAF	Reedsport, Oreg.	5000d
WSAN	Allentown, Pa.	5000
WFA	Farell, Pa.	1000d
WXML	Portage, Pa.	500d
KQB	Columbia, S. C.	1000d
WGD	Georgetown, S. C.	1000d
WEAG	Alexa, Tenn.	1000
WVOL	Berry Hill, Tenn.	5000
KRBC	Abiene, Tex.	5000
KDHN	Dimitit, Tex.	5000
KWD	Henderson, Tex.	5000
KGRY	San Marcos, Tex.	250d
WTZE	Tazewell, Va.	1000
KELA	Centralia, Wash.	5000d
WCHals	Chehalis, Wash.	5000d
KSEM	Moses Lake, Wash.	5000
KAPS	Mont Vernon, Wash.	5000
WVHY	Huntington, W. Va.	5000d
WBZE	Wheeling, W. Va.	5000
WBKV	West Bend, Wis.	1000d
KTW	Casper, Wyo.	5000

## 1480-202.6

WARI	Abbeville, Ala.	1000d
WBTS	Bridgeport, Ala.	1000d
WIXI	Irondele, Ala.	5000d
WABB	Mobile, Ala.	5000
KHAT	Phoenix, Ariz.	5000
KGLU	Safford, Ariz.	1000
KTHS	Berryville, Ark.	1000
WBN	Concord, Calif.	500d
KGS	Merced, Calif.	5000
KWIZ	Santa Ana, Calif.	5000
KSEE	Santa Maria, Calif.	1000
KCMS	Manitou Springs, Colo.	500
KPUB	Pueblo, Colo.	1000d
WSOR	Windsor, Conn.	500d
WAPG	Acadia, Fla.	1000d
WGE	Panama Beach, Fla.	1000d
WVCF	Undermere, Fla.	1000
WYZE	Atlanta, Ga.	5000d
WRDW	Augusta, Ga.	5000
WGSB	Geneva, Ill.	1000
WJBM	Jerseyville, Ill.	500d
WTHI	Terre Haute, Ind.	1000
WRSW	Warsaw, Ind.	1000
LEE	Ottawa, Iowa	500d
KBEA	Mission, Kan.	1000
KLEO	Wichita, Kans.	5000
WKCA	Hopkinsville, Ky.	1000d
WNKY	Neon, Ky.	1000d
WTLO	Somerset, Ky.	1000d
KCKW	Jena, La.	5000
KANV	Jonesville, La.	500d

kHz	Wave Length	W.P.
KJOE	Shreveport, La.	1000d
WSAR	Fall River, Mass.	5000
WMAX	Grand Rapids, Mich.	5000d
WIOS	Tawas City, Mich.	5000d
WYSI	Ypsilanti, Mich.	1000d
KJAS	Austin, Minn.	1000
KEHG	Fosston, Minn.	5000
WCEP	Carthage, Miss.	5000
KGCX	Sidney, Mont.	5000
KLMS	Lincoln, Nebr.	1000
KWEV	Hobbs, N. Mex.	5000
WLEA	Hornell, N.Y.	1000d
WQAS	New York, N.Y.	5000
WREM	Remsen, N.Y.	5000d
WVOK	Charlotte, N.C.	5000
WYRN	Louisburg, N.C.	5000
WMSJ	Sylva, N.C.	5000
WHCB	Canton, Ohio	5000
WGIN	Cincinnati, Ohio	5000
WTRA	Lakota, Pa.	5000
WQAS	Philadelphia, Pa.	1000
WISL	Shamokin, Pa.	1000
WSHP	Shippensburg, Pa.	5000
WMD	Fajardo, P.R.	5000
KSDR	Watertown, S.D.	1000d
WJFC	Jefferson City, Tenn.	500
WGM	Memphis, Tenn.	5000d
WLE	Smithville, Tenn.	1000d
KBOX	Dallas, Tex.	5000
KLVL	Pasadena, Tex.	1000
KAPE	San Antonio, Tex.	5000
KONI	Spanish Fork, Utah	1000d
WCFR	Springfield, Vt.	1000d
WBLB	Richmond, Va.	5000
WLEE	Richmond, Va.	5000
WBLU	Salem, Va.	5000d
KFHA	Lakewood Center, Wash.	1000d
KVAN	Camas, Wash.	1000d
WISM	Madison, Wis.	5000
KRAE	Cheyenne, Wyo.	1000d

## 1490-201.2

WANA	Anniston, Ala.	250
WAJF	Deatur, Ala.	1000
WRLD	Lanett, Ala.—West Point, Ga.	1000
WHBB	Selma, Ala.	1000
KYCA	Prescott, Ariz.	1000
KAIR	Tucson, Ariz.	250
KXAR	Hope, Ark.	1000
KDRS	Paragould, Ark.	1000
KOTN	Pine Bluff, Ark.	250
KXRT	Russellville, Ark.	1000
KWAC	Bakersfield, Calif.	1000
KPAS	Banning, Calif.	250
KOWL	Bijou, Cal.	1000
KICD	Calexico, Calif.	250
KRKC	King City, Calif.	1000
KOWL	Lake Tahoe, Calif.	250
KTOB	Petaluma, Calif.	1000
KBLF	Red Bluff, Calif.	1000
KQB	Santa Barbara, Calif.	1000
KSYC	Yreka, Calif.	1000
KBOB	Boulder, Colo.	1000d
KGUC	Gunnison, Colo.	250
KRMS	Monte Vista Springs, Colo.	250
KOLR	Sterling, Conn.	250
WGH	Greenwich, Conn.	250
WTRL	Bradenton, Fla.	250
WBS	Deland, Fla.	1000
WIRA	Ft. Pierce, Fla.	250
WCDF	Immokalee, Fla.	250
WBM	Miami Beach, Fla.	1000
WRA	Milton, Fla.	250
WPXE	Starke, Fla.	1000
WTTB	Vero Beach, Fla.	1000
WSIR	Winter Haven, Fla.	500
WMOG	Brunswick, Ga.	1000
WJMJ	Gordole, Ga.	1000
WRE	Monroe, Ga.	1000d
WSFB	Quitman, Ga.	250
WSNT	Sandersville, Ga.	500
WYSL	Sylvania, Ga.	250
WRLD	W. Point, Ga.—Lanett, Ala.	250
KTOH	Lihue, Hawaii	1000
KCID	Caldwell, Idaho	1000
WKAI	Carroll, Ill.	500d
WQAN	Quincy, Ill.	1000
WAV	East St. Louis, Ill.	1000
WOPA	Oak Park, Ill.	1000
WZOE	Princeton, Ill.	1000
WKBV	Richmond, Ind.	1000
WNDU	South Bend, Ind.	1000
KBUR	Burlington, Iowa	1000
WSP	Quitsville, Iowa	500
KBAB	Indianola, Ia.	500
KRIB	Mason City, Ia.	1000
KIKAN	Phillipsburg, Kans.	250
KTOP	Topeka, Kan.	1000
WFKY	Frankfort, Ky.	1000d
WKAY	Glasgow, Ky.	1000
WONI	Owensboro, Ky.	1000
WSP	Quitsville, Ky.	500d
WKIC	Bogalusa, La.	1000
KEUN	Eunice, La.	1000
KCIL	Houma, La.	1000
RRUS	Ruston, La.	1000
WPOR	Portland, Maine	1000
WTVL	Waterville, Maine	1000
WARK	Hagerstown, Md.	1000

kHz	Wave Length	W.P.
WHAV	Haverhill, Mass.	250
WMRC	Milford, Mass.	1000
WTXL	W. Springfield, Mass.	1000d
WABJ	Adrian, Mich.	1000
WMDN	Midland, Mich.	1000
WLRC	Whitehall, Mich.	1000
KXRA	Alexandria, Minn.	250
KOZY	Grand Rapids, Minn.	1000
KLGR	Redw. Falls, Minn.	1000
WVLO	Bixby, Miss.	1000
WCLD	Cleveland, Miss.	1000
WHOC	Philadelphia, Miss.	1000
WUP	Tupelo, Miss.	1000
WVIM	Vicksburg, Miss.	250
WDMO	Carthage, Mo.	250
KTRR	Rolla, Mo.	1000
KDRO	Sedalia, Mo.	1000
KBON	Omaha, Nebr.	1000
WEMJ	Laonia, N.H.	1000
WLD	Atlantic City, N. J.	1000
KRSN	Los Alamos, N. Mex.	1000
KRTN	Raton, N. Mex.	1000
WCSS	Amsterdam, N.Y.	1000
WBA	Batavia, N.Y.	250
WKNY	Kingston, N.Y.	1000
WICY	Malone, N.Y.	1000
WDL	Port Jervis, N. Y.	1000
WOLF	Syracuse, N. Y.	1000
WSSB	Durham, N. C.	1000
WFLB	Fayetteville, N.C.	1000
WLOE	Locksville, N.C.	1000
WRNB	New Bern, N.C.	1000
WRMT	Rocky Mount, N. C.	1000
WSTP	Salisbury, N. C.	1000
WSSM	Valdese, N. C.	1000
WHSL	Wilmington, N. C.	1000
WVLA	Waynesville, N. D.	1000
KOVC	Kalvey City, N. Dak.	1000
WBEX	Chillicothe, Ohio	1000
WJMO	Cleveland Hghts., O.	1000
WOHI	E. Liverpool, Ohio	250
WMOA	Marletta, Ohio	1000
WMRN	Marion, Ohio	1000
KWRW	Guthrie, Okla.	1000
KBX	Muskogee, Okla.	1000
KBKR	Baker, Oreg.	1000
KRNR	Roseburg, Oreg.	1000
KBZY	Salem, Oreg.	1000
WESB	Bradford, Pa.	1000
WAZL	Hazleton, Pa.	1000
WJO	Johnstown, Pa.	1000
WLAN	Lancaster, Pa.	1000
WBCB	Lewittown, Pa.	1000
WWR	Levittown, Pa.	1000
WMGW	Meadville, Pa.	1000d
WNB	Wellsville, Pa.	1000
WSD	Beaumont, S.C.	500
WGCB	Chester, S.C.	1000d
WRRB	Greenville, S.C.	1000
KWBL	Hitchell, S. Dak.	1000
WOP	Bristol, Tenn.	1000
WDXB	Chattanooga, Tenn.	1000
WR	Fountain City, Tenn.	1000
WJML	Lewisburg, Tenn.	1000
WDXL	Lexington, Tenn.	1000
KNOW		





# WHITE'S RADIO LOG

	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
	WEEZ	Chester, Pa.	1000	KLAK	Lakewood, Colo.	5000	WWRL	New York, N. Y.	5000
	WXRF	Guayama, P.R.	1000	WKEN	Dover, Del.	5000	WMCR	Oneida, N.Y.	10000
	WYNG	Warwick, R.I.	10000	WKTX	Atlantic Beach, Fla.	10000	WJNG	Sag Harbor, N.Y.	500
	WABV	Abbeville, S.C.	10000	WKWF	Key West, Fla.	300	WWTN	Troy, N.Y.	3000
	WACA	Camden, S.C.	10000	WHEW	Riviera Beach, Fla.	1000	WWRL	Woodside, N. Y.	3000
	KCCR	Pierre, S. D.	250	WPRY	Wauchula, Fla.	5000	WIVY	Charlotte, N.C.	1000
	WPIP	Dallenville, Tenn.	500	WOKB	Winter Garden, Fla.	5000	WIDU	Fayetteville, N.C.	10000
	WJSO	Jonesboro, Tenn.	50000	WGKA	Atlanta, Ga.	10000	WHVL	Hendersonville, N.C.	10000
	WDBL	Springfield, Tenn.	10000	WNGA	Nashville, Ga.	10000	WFRG	Reidsville, N.C.	1000
	KGAS	Carthage, Tex.	10000	WRBN	Warner Robins, Ga.	10000	WJSK	W. Jefferson, N.C.	10000
	KERC	Eastland, Tex.	5000	WCGO	Chicago Hgts., Ill.	10000	KDAK	Carrington, N.Dak.	5000
	KINT	E! Paso, Tex.	10000	WMCW	Harvard, Ill.	5000	WAQI	Ashtabula, Ohio	10000
	KYOK	Houston, Tex.	5000	WOTO	Linton, Ind.	5000	WBLY	Springfield, Ohio	10000
	KCDB	Lubbock, Tex.	1000	WARU	Peru, Ind.	10000	WTTF	Tiffin, Ohio	5000
	KBUS	Mexia, Tex.	5000	KLGA	Algona, Iowa	5000	KUSH	Cushing, Okla.	10000
	KTUD	Sinton, Tex.	1000	KRCB	Cedar Rapids, Iowa	5000	WASH	Eugene, Oreg.	5000
	WISZ	Glen Burnie, Md.	500	KMDO	Ft. Scott, Kans.	5000	KOHI	St. Helens, Oreg.	10000
	WRGM	Richmond, Va.	50000	WSTL	Eminence, Ky.	5000	WHOL	Allentown, Pa.	5000
	KETO	Seattle, Wash.	50000	WKYF	Greenville, Ky.	5000	WHRY	Elizabethtown, Pa.	5000
	WIXK	New Richmond, Wis.	50000	KFNV	Ferriday, La.	10000	WBRP	Bayamon, P.R.	1000
	WSWV	Platteville, Wis.	5000	KLEB	Golden Meadow, La.	10000	WFIS	Fountain Inn, S.C.	10000
	WTRW	Two Rivers, Wis.	10000	KNCB	Vivian, La.	5000	WFNL	No. Augusta, S.C.	5000
	WAWA	West Allis, Wis.	10000	WINX	Rockville, Md.	1000	WHBT	Harriman, Tenn.	5000
				WBOB	Brookline, Mass.	5000	WKBJ	Milan, Tenn.	10000
				WTYM	East Longmeadow, Mass.	5000	KBBB	Borger, Tex.	5000
				WAAW	Ann Arbor, Mich.	5000	KBOB	Brownsville, Tex.	1000
				WTRU	Muskegon, Mich.	5000	KWEL	Midland, Tex.	10000
				WKOL	Clarksdale, Miss.	10000	KCFH	Cuero, Tex.	5000
				WFFF	Columbia, Miss.	5000	KYAL	McKinney, Tex.	10000
				KATZ	St. Louis, Mo.	5000	KOGT	Orange, Tex.	1000
				KTTN	Trenton, Mo.	5000	KBBG	Centerville, Utah	10000
				KNGY	Nebraska City, Nebr.	5000	WSTJ	Chesapeake, Va.	10000
				KRFS	Superior, Nebr.	5000	WHLL	Wheeling, W. Va.	50000
							WCWC	Ripon, Wis.	5000

## Canadian AM Stations by Frequency

Canadian stations listed alphabetically by call letters within groups. Abbreviations: kHz, frequency in kilocycles; W.P., power in watts; d, operates daytime only; n, operates nighttime only. Wave length is given in meters.

kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
<b>540—555.5</b>			<b>610—491.7</b>			<b>740—405.2</b>			CFJC	Kamloops, B.C.	10,000d
CBK	Regina, Sask.	50,000	CHNC	New Carlisle, Que.	10,000d	CBL	Toronto, Ont.	50,000	CFSX	Stephenville, Nfld.	500
CBT	Grand Falls, Nfld.	10,000	CHTM	Thompson, Man.	1,000	CBX	Edmonton, Alta.	50,000	CHRL	Roberval, Que.	1,000
<b>550—545.1</b>			CJAT	Trail, B.C.	1,000	<b>790—379.5</b>			CJDV	Drumheller, Alta.	5,000
CFBR	Sudbury, Ont.	1,000d	CKML	Mont Laurier, P.Q.	1,000	CFDR	Dartmouth, N.S.	5,000	CKLY	Lindsay, Ont.	1,000
CFNB	Fredericton, N.B.	50,000	CKTB	St. Catharines, Ont.	10,000d	CFCW	Camrose, Alta.	10,000	<b>920—329.9</b>		
CHLN	Trois-Rivières, Que.	10,000d	CKYK	Peace River, Alta.	10,000d	CKMR	Newcastle, N.B.	1,000	CFRY	Portage La Prairie, Man.	1,000
CKPG	Prince George, B.C.	10,000	<b>620—483.6</b>			CKSO	Sudbury, Ont.	10,000d	CJCH	Halifax, N.S.	10,000d
<b>560—525.4</b>			CFCL	Timmins, Ont.	10,000d	CHIC	Brampton, Ont.	1,000d	CJCY	Woodstock, N.B.	5,000
CFOS	Owen Sound, Ont.	1,000	CKCK	Regina, Sask.	5,000	<b>800—374.8</b>			CKCY	Sault Ste. Marie, Ont.	10,000d
CHCM	Marystown, Nfld.	1,000d	CKCG	Grand Falls, Nfld.	10,000	CFQB	Fort Frances, Ont.	1,000d	CKNX	Wingham, Ont.	5,000
CHTK	Prince Rupert, B.C.	500	<b>630—475.9</b>			CHAB	Moose Jaw, Sask.	10,000d			
CJKL	Kirkland Lake, Ont.	250n	CFCO	Chatham, Ont.	10,000d	CHRC	Quebec, Que.	10,000	<b>930—322.4</b>		
CJKN	Sept-Îles, Que.	10,000d	CFCY	Charlottetown, P. E. I.	1,000	CJAD	Montreal, Que.	50,000	CFBC	Saint John, N.B.	10,000d
CKNL	Fort St. John, B.C.	1,000	CHED	Edmonton, Alta.	10,000	CJBB	Belleville, Ont.	1,000	CJCA	Edmonton, Alberta	10,000d
<b>570—526.0</b>			CHLT	Sherbrooke, Que.	10,000d	CJLX	Fort William, Ont.	10,000d	CJON	St. John's, Nfld.	10,000
CFCB	Corner Brook, Nfld.	1,000	CJET	Smiths Falls, Ont.	10,000	CKOK	Penticton, B.C.	500n	<b>940—319.0</b>		
CJEM	Edmundston, N.B.	5,000d	CKAR	Northville, Ont.	1,000	CKLW	Windsor, Ont.	50,000	CBM	Montreal, Que.	50,000
CJQJ	Quebec, B.C.	1,000	CKOV	Kelowna, B.C.	1,000	VOWR	St. John's, Nfld.	1,000	CJGX	Yorkton, Sask.	10,000
CKEK	Granbrook, B.C.	1,000	CKRC	Winnipeg, Man.	10,000	<b>810—370.2</b>		CJIB	Vernon, B. C.	10,000d	
CFWH	Whitehorse, Y.T.	1,000	<b>640—468.5</b>			CHQR	Calgary, Alta.	10,000	<b>950—315.6</b>		
<b>580—516.9</b>			CBN	St. John's, Nfld.	10,000	<b>850—352.7</b>			CHER	Sydney, N.S.	10,000
CFRA	Ottawa, Ont.	50,000d	<b>680—440.9</b>			CJJC	Langley, B.C.	1,000	CKBB	Barrie, Ont.	10,000d
CHLC	Hauterive, Que.	5,000d	CHFA	Edmonton, Alta.	5,000	CKRD	Red Deer, Alta.	10,000d	CKNB	Campbellton, N.B.	10,000d
CJFX	Antigonish, N. S.	10,000	CHFI	Toronto, Ont.	1,000d	CKVL	Verdun, Que.	50,000d			
CKAP	Kapusksing, Ont.	1,000	CHLO	St. Thomas, Ont.	1,000	<b>860—348.6</b>			<b>960—312.3</b>		
CKPR	Port Arthur, Ont.	5,000d	CJON	Grand Falls, Nfld.	10,000	CBH	Halifax, N.S.	10,000	CFAC	Calgary, Alta.	10,000
CKUA	Edmonton, Alta.	10,000	CJCB	Winnipeg, Man.	2,500n	CFPR	Prince Rupert, B.C.	10,000	CHNS	Halifax, N.S.	10,000
CKWW	Windsor, Ont.	500	CKGB	Timmins, Ont.	10,000	CHAK	Inuvik, N.W.T.	1,000	CKWS	Kingston, Ont.	5,000
CKXR	Salmon Arm, B. C.	1,000	<b>690—434.5</b>			CJBC	Toronto, Ont.	50,000	<b>970—309.1</b>		
CKY	Winnipeg, Man.	50,000	CBF	Montreal, Que.	50,000	<b>900—333.1</b>			CKCH	Hull, Que.	5,000
<b>590—508.2</b>			CBU	Vancouver, B.C.	10,000	CHML	Hamilton, Ont.	5,000	CBZ	Fredericton, N.B.	10,000
CFAR	Flin Flon, Man.	10,000d	<b>710—422.3</b>			CHNO	Sudbury, Ont.	10,000d	<b>980—305.9</b>		
CKEY	Toronto, Ont.	10,000d	CJSP	Leamington, Ont.	1,000	CJBR	Rimouski, Que.	10,000	CBV	Quebec, Que.	5,000
CKRS	Jeniquiere, Que.	1,000	CFRG	Gravelbourg, Sask.	5,000d	CJVI	Victoria, B.C.	10,000	CFPL	London, Ontario	10,000d
CFTK	Terrace, B.C.	1,000	CKVM	Ville-Marie, Que.	1,000n	CKPC	Prince Albert, Sask.	10,000	CHEX	Peterborough, Ont.	5,000
VOCM	St. John's, Nfld.	10,000	CJOX	Grand Bank, Nfld.	1,000	CKDR	Dryden, Ont.	1,000d	CKGM	Montreal, Que.	10,000
<b>600—499.7</b>			<b>730—410.7</b>			CKDH	Amherst, N.S.	1,000	CKNW	New Westminster, B.C.	50,000
CFCH	Montreal, Que.	5,000	CJNR	Blind River, Ont.	1,000	CKTS	Sherbrooke, Que.	1,000	CKRM	Regina, Sask.	10,000d
CFCH	Callander, Ont.	10,000d	CKAC	Montreal, Que.	50,000	CKJL	St. Jérôme, Que.	1,000			
CFQC	Saskatoon, Sask.	5,000	CKDM	Dauphin, Man.	10,000d	CKVD	Val D'Or, Que.	10,000d	<b>990—302.8</b>		
CJOR	Vancouver, B.C.	10,000	CKLG	North Vancouver, B.C.	5,000n	<b>910—329.5</b>			CBW	Winnipeg, Man.	50,000
CKCL	Truro, N.S.	1,000				CBO	Ottawa, Ont.	5,000	CBY	Corner Brook, Nfld.	10,000

kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
<b>1000—299.8</b>			<b>1230—243.8</b>			<b>1320—227.1</b>			<b>1440—208.2</b>		
CKBW Bridgewater, N.S.	10,000		CBDR Schefferville, Que.	250		CHGB Ste-Anne-de-la-Pocatière, Que.	5,000		CFCP Courtenay, B.C.	1,000	
<b>1010—296.9</b>			CFGB Smithers, B.C.	1,000d		CKOY Ottawa, Ont.	50,000		CKPM Ottawa, Ont.	10,000	
CBR Calgary, Alta.	50,000		CFGR Gravelbourg, Sask.	250n		<b>1320—227.1</b>			<b>1450—206.8</b>		
CFRB Toronto, Ont.	50,000		CFKL Schefferville, Que.	250		CHQM Vancouver, B.C.	10,000		CBG Gander, Nfld.	250	
<b>1050—285.5</b>			CFPA Port Arthur, Ont.	1,000d		CJSO Sorel, Que.	10,000d		CFAB Windsor, N.S.	250	
CFGP Grande Prairie, Alta.	10,000		CHFC Churchill, Man.	250n		CKEC New Glasgow, N.S.	5,000		CFJR Brockville, Ont.	1,000d	
CHUM Toronto, Ont.	50,000		CKLD Theftford Mines, Que.	1,000d		CKKW Kitchener, Ont.	1,000		CHEF Granby, Que.	1,000d	
CJJC Sault Ste. Marie, Ont.	10,000d		CKMP Midland, Ontario	250		<b>1340—223.7</b>			CHUC Cobourg, Ont.	1,000	
	2,500n		CKTK Kitimat, B.C.	1,000d		CFBG Goose Bay, Nfld.	1,000		CJBM Causapsal, Que.	1,000d	
CJNB North Battleford, Sask.	10,000		CKVD Val d'Or, Que.	1,000d		CFSL Weyburn, Sask.	1,000d			250n	
CKSB St. Boniface, Man.	10,000		VOAR St. John's, Nfld.	100		CFYK Yellowknife, N.W.T.	1,000		<b>1460—205.4</b>		
<b>1060—282.8</b>			<b>1240—241.8</b>			CHAD Amos, Que.	250		CJOY Guelph, Ont.	10,000d	
CFCN Calgary, Alta.	50,000d		CFLM La Tuque, Que.	1,000d		CHRD Drummondville, Que.	250			5,000n	
	2,500n		CFVW Abbotsford, B.C.	1,000d		CJLS Yarmouth, N.S.	250		CKRB Ville St. Georges, Que.	10,000d	
CJLR Quebec, Que.	10,000		CFVR Abbotsford, B.C.	1,000d		CFOM Quebec, Que.	250			5,000n	
<b>1070—280.2</b>			CJAF Cabano, Que.	250		CKAR-1 Parry Sound, Ont.	250			10,000d	
CBA Sackville, N.B.	50,000		CJAV Port Alberni, B.C.	1,000d		CKGR Revelstoke, B.C.	250			5,000n	
CFAX Victoria, B.C.	1,000		CJCS Stratford	500d		CKOX Woodstock, Ont.	1,000d		<b>1470—204.0</b>		
CHOK Sarnia, Ont.	1,000n		CJRW Summerside, P.E.I.	250n		<b>1350—222.1</b>			CFOX Pointe Claire, Que.	10,000d	
<b>1080—277.6</b>			CJWA Wawa, Ont.	1,000d		CHOV Pembroke, Ont.	1,000			5,000n	
CKSA Lloydminster, Alta.	10,000		CKWL Williams Lake, B.C.	250		CJDC Dawson Creek, B.C.	1,000		CHOW Welland, Ont.	1,000d	
<b>1090—275.1</b>			CKBS St. Hyacinthe, Que.	250		CJLM Joliette, Que.	1,000		CJQM Winnipeg, Man.	500n	
CHEC Lethbridge, Alta.	5,000		CKLS Ls Sarre, Que.	250		CKLB Oshawa, Ont.	10,000d			5,000	
CHRS St. Jean, Que.	10,000d		<b>1250—239.9</b>			<b>1360—220.4</b>			<b>1490—201.2</b>		
<b>1110—272.6</b>			CBOF Ottawa, Ont.	10,000		CKBC Bathurst, N.B.	10,000		CFMR Fort Simpson, N.W.T.	25	
CBD Saint John, N.B.	10,000		CHWO Oakville, Ont.	1,000d		<b>1370—218.8</b>			CFRC Kingston, Ont.	100	
CFML Cornwall, Ont.	1,000		CHSM Steinbach, Man.	10,000		CFLV Valleyfield, Que.	1,000		CHYM Kitchener, Ont.	10,000d	
CFYJ Galt, Ont.	250d		CKBL Matane, Que.	10,000d		<b>1380—217.3</b>				5,000n	
CHQT Edmonton, Alta.	10,000		CKOM Saskatoon, Sask.	5,000n		CFDA Victoriaville, Que.	1,000		CKAD Middleton, N.S.	1,000d	
<b>1130—265.3</b>			<b>1260—238.0</b>			CKLC Kingston, Ont.	10,000d		CKBM Montmagny, Que.	1,000d	
CKWX Vancouver, B.C.	50,000		CFRN Edmonton, Alta.	50,000		<b>1390—215.7</b>				250n	
<b>1140—263.0</b>			<b>1270—263.1</b>			CKPC Brantford, Ont.	10,000		CFWB Campbell River, B.C.	250	
CBI Sydney, N.S.	10,000		CFGT Alma, Que.	1,000		<b>1400—214.2</b>			<b>1500—199.9</b>		
CKXL Calgary, Alta.	10,000		CHAT Medicine Hat, Alta.	10,000		CFLD Burns Lake, B.C.	250		CKAY Ducan, B.C.	1,000	
<b>1150—260.7</b>			CHWK Chilliwack, B.C.	10,000		CJFP Rivière du Loup, Que.	10,000d		<b>1510—199.1</b>		
CHSJ Saint John, N.B.	10,000d		CJCB Sydney, N.S.	10,000		<b>1410—212.6</b>			CKOT Tillsonburg, Ont.	1,000	
	5,000n		<b>1280—234.2</b>			CFMB Montreal, Que.	10,000		<b>1540—195.0</b>		
CKOC Hamilton, Ont.	5,000		CHIQ Hamilton, Ont.	10,000d		CFUN Vancouver, B.C.	10,000		CHIN Toronto, Ont.	50,000	
CKTR Trois-Rivières, Que.	10,000d		CJMS Montreal, Que.	5,000n		CKSL London, Ont.	10,000		<b>1550—193.5</b>		
CKX Brandon, Man.	10,000d		CJSL Estevan, Sask.	1,000		<b>1420—211.1</b>			CBE Windsor, Ont.	10,000	
	1,000n		CKCV Quebec, Que.	10,000d		CJMT Chicoutimi, Que.	1,000		<b>1560—192.3</b>		
<b>1170—256.3</b>			<b>1290—232.4</b>			CKPT Peterborough, Ont.	1,000d		CFRS Simcoe, Ont.	250d	
CFNS Saskatoon, Sask.	1,000		CFAM Altona, Man.	10,000d		<b>1430—209.7</b>			<b>1570—191.1</b>		
	5,000n		<b>1300—230.6</b>			CKFH Toronto, Ont.	10,000d		CFOR Orillia, Ont.	10,000d	
<b>1220—245.8</b>			CBAF Moncton, N.B.	5,000			5,000n		CHUB Nanaimo, B.C.	10,000	
CJOC Lethbridge, Alta.	10,000d		CJME Regina, Sask.	1,000					CKLM Montreal, Que.	10,000	
	5,000n		<b>1310—228.9</b>						<b>1580—189.2</b>		
CJSS Cornwall, Ontario	1,000		CFGM Richmond Hill, Ont.	10,000d					CBJ Chicoutimi, Que.	10,000	
CJRL Kenora, Ont.	1,000			2,500n					<b>1600—187.5</b>		
CKDA Victoria, B.C.	10,000								CJRN Niagara Falls, Ont.	10,000	
CKCW Moncton, N.B.	10,000										
CKSM Shawinigan, Que.	1,000										

## U. S. Commercial Television Stations by States

U. S. stations listed alphabetically by cities within state groups. Territories and possessions follow states. Chan., channel; C.L., call letters.

Location	C.L.	Chan.	Location	C.L.	Chan.	Location	C.L.	Chan.	Location	C.L.	Chan.
<b>ALABAMA</b>			<b>ARIZONA</b>			<b>ARKANSAS</b>			<b>COLORADO</b>		
Anniston	WHMA-TV	40	Nogales	XHFA-TV	2	Chico	KERO-TV	23	Salinas-Monterey	KSBW-TV	8
Birmingham	WAPI-TV	13		KZAZ	11	Concord	KLYD-TV	17	San Bernardino	KITR	30
	WBMG	42	Phoenix	KOOL-TV	10	Corona-Los Angeles	KHSL-TV	12	San Diego	KFMB-TV	8
Decatur	WBRC-TV	6		KPAZ-TV	21	El Centro-Mexicali	KCFT-TV	42		KJOG-TV	51
Dothan	WMSL-TV	23		KPHO-TV	5	Eureka	KMTW	52		KAAR	39
Florence	WTWY	4		KTVK	3	Fresno	XEM-TV	3	Tijuana-San Diego	KOGO-TV	10
Huntsville	WOWL-TV	15	Phoenix-Mesa	KTAR-TV	12		KIEM-TV	3		XEWT-TV	2
	WAAY-TV	31	Tucson	KTRR-TV	12		KVIG-TV	7	San Francisco	XGTO-TV	7
Mobile	WHNT-TV	19		KGUN-TV	9		KAIL	53		KPIX	5
Montgomery	WALA-TV	10		KOLD-TV	13	Los Angeles	KFRE-TV	30		KRDN-TV	4
	WKRC-TV	5		KQVA-TV	4		KJEO	47	San Jose	KNTV	11
	WCOV-TV	20		KBLU-TV	13		KMJ-TV	24	San Luis Obispo	KSBY-TV	6
	WSFA-TV	12	Yuma	KIVA	11		KABC-TV	7	Santa Barbara	KEYT	3
Selma	WKAB-TV	32	<b>ARKANSAS</b>				KCOB	13	Santa Maria	KIHP-TV	26
Tuscaloosa	WLSA	8	El Dorado-Monroe, La.	KTVE	10		KMEX-TV	34	Stockton-Sacramento	KCOY-TV	12
	WCFT-TV	33	Ft. Smith	KFSA-TV	5		KNBC	4	Visalia-(Fresno)	KICU-TV	43
<b>ALASKA</b>			Jonesboro	KAIT-TV	8		KNXT	2			
Anchorage	KENI-TV	2	Little Rock	KARL-TV	4	Modesto	KWHY-TV	22			
	KHAR-TV	13		KATV	7	Oakland-San Francisco	KTLA	5			
Fairbanks	KTVF	11		KTHV	11		KTTV	11	Colorado Springs	KKTV	11
	KFAR-TV	2	<b>CALIFORNIA</b>				KUCP	3	Redding	KRDO-TV	13
	KTVF	11	Bakersfield	KBAK-TV	29		KHJ-TV	9	Denver	KBTB	9
Junesau	KINY-TV	8				Sacramento	KCRS-TV	7		KWGN-TV	2
Sitka	KIFW-TV	13					KXTV	10		KLZ-TV	7

# WHITE'S RADIO LOG

Location	C.L.	Chan.
	KOA-TV	4
Durango	KREZ-TV	6
Grand Junction	KREX-TV	5
Montrose	KREY-TV	10
Pueblo	KOAA-TV	5
Sterling	KTVS	3

## CONNECTICUT

Location	C.L.	Chan.
Hartford	WHCT	18
	WTIC-TV	3
	WUHF-TV	61
New Britain-Hartford	WHNB-TV	30
	WTVU	59
New Haven	WNHC-TV	7
New Haven-Hartford	WNHC-TV	7
Waterbury	WATR-TV	20

## DELAWARE

Location	C.L.	Chan.
No Stations		
DISTRICT OF COLUMBIA		
Washington	WOOK-TV	14
	WDCA-TV	20
	WMAL-TV	7
	WRC-TV	4
	WTOP-TV	5
	WTTG	9

## FLORIDA

Location	C.L.	Chan.
Clearwater	WHJR-TV	22
Daytona Beach-Orlando	WESH-TV	2
Ft. Myers	WINK-TV	11
Ft. Pierce-Vero Beach	WTVX	34
Jacksonville	WFGA-TV	12
	WDUV-TV	30
	WJKS-TV	17
	WJXT	4
	WKCF	7
Miami	WLBW-TV	10
	WTVJ	4
Orlando	WDZO-TV	6
	WFTV	9
Palm Beach	WPTV	5
Panama City	WHG-TV	7
Pensacola-Mobile, Ala.	WEAR-TV	3
St. Petersburg-Tampa	WSUN-TV	38
Tallahassee-Thomasville, Ga.	WCTV	6
Tampa	WFLA-TV	8
Tampa-St. Petersburg	WLCY-TV	10
	WTVT	13
West Palm Beach	WEAT-TV	12

## GEORGIA

Location	C.L.	Chan.
Albany	WALB-TV	10
Atlanta	WAIL-TV	11
	WAGA-TV	5
	WBMO-TV	36
	WSB-TV	2
Augusta	WJBF	6
	WRDW-TV	12
Columbus	WRBL-TV	3
	WTVM	9
Macon	WMAZ-TV	13
Savannah	WSAV-TV	3
	WTOC-TV	11

## HAWAII

Location	C.L.	Chan.
Hilo	KHAW-TV	11
	KPua-TV	9
	KHVO	13
Honolulu	KGMB-TV	9
	KHVM-TV	4
	KHON-TV	2
	KTRG-TV	13
Wailuku	KALI-TV	7
	KMAU-TV	3
	KMVI-TV	12

## IDAHO

Location	C.L.	Chan.
Boise	KB0I-TV	2
	KTVB	7
Idaho Falls	KID-TV	3
	KIFI-TV	8
Lewiston	KLEW-TV	3
Twin Falls	KMVT	11

## ILLINOIS

Location	C.L.	Chan.
Champaign	WCHU	33
	WCIA	3
Chicago	WBBM-TV	2

Location	C.L.	Chan.
	WBKB-TV	7
	WCUI-TV	26
	WFLD	32
	WGN-TV	9
	WMAQ-TV	5
	WICD	24
Danville	WAND	17
Deatur	WCEE-TV	23
Freeport-Rockford	WJOL-TV	3
Harrisburg	WEEQ-TV	35
LaSalle	WQAD-TV	8
Moline	WIRL-TV	19
Peoria	WEEK-TV	25
	WMBD-TV	31

Location	C.L.	Chan.
Quincy-Hannibal, Mo.	WGM-TV	10
	WTVO	39
Rockford	WREX-TV	13
	WHBF-TV	4
Rock Island	WICS	20
Springfield		

## INDIANA

Location	C.L.	Chan.
Bloomington-Indianapolis	WTTV	4
	WEHT	50
	WFIE-TV	19
Evansville	WTVW	7
	WANE-TV	15
Fort Wayne	WPTA	21
	WKJG-TV	33
Indianapolis	WFPM-TV	6
	WLWI	13
	WISH-TV	8
Lafayette	WFAM-TV	18
Marion	WTFW-TV	31
Muncie	WLBC-TV	49
South Bend	WNDU-TV	16
	WSBT-TV	22
South Bend-Elkhart	WSJ-TV	28
Terre Haute	WTHI-TV	10
	WTWO	2

## IOWA

Location	C.L.	Chan.
Ames-Des Moines	WOI-TV	5
Cedar Rapids	KCRG-TV	9
Cedar Rapids-Waterloo	WMT-TV	2
Davenport	WOC-TV	6
Des Moines	KRNT-TV	8
	WHO-TV	13
Fort Dodge	KQT	21
Mason City	KGLO-TV	3
Sioux City	KVTV	9
Waterloo-Cedar Rapids	KWWL-TV	7

## KANSAS

Location	C.L.	Chan.
Ensign	KTVG	6
Garden City	KGLD	11
	KUPI-TV	13
Goodland	KLOE-TV	10
Great Bend	KCKT	2
Hays	KAYS-TV	7
Hutchinson-Wichita	KTVH	12
Pittsburg-Joplin, Mo.	KOAM-TV	7
Topeka	WIBW-TV	13
Wichita	KAKE-TV	10
	KARB-TV	3
	KWIS-TV	24

## KENTUCKY

Location	C.L.	Chan.
Bowling Green	WLTV	13
Lexington	WKYT-TV	27
	WLEX-TV	18
Louisville	WHAS-TV	11
	WAVE-TV	3
	WDRB-TV	41
	WLKY-TV	32
Newport	WNOP-TV	74
Owensboro	WVJS-TV	19
Paducah	WPSD-TV	6

## LOUISIANA

Location	C.L.	Chan.
Alexandria	KALB-TV	5
Baton Rouge	WAFB-TV	9
	WBRZ	2
Lafayette	KATC	3
	KLFY-TV	10
Lake Charles	KFC-TV	7
	KLCS-TV	25
Monroe	KNOE-TV	8
New Orleans	WDSU-TV	6
	WWL-TV	4
	WWOM-TV	26
	WVUE	12
Shreveport	KSLA-TV	12
	KTAL-TV	6
	KTBS-TV	3
West Monroe	KUZN-TV	39

## MAINE

Location	C.L.	Chan.
Bangor	WABI-TV	5
	WEMT	7
	WLBZ-TV	2
Poland Spring	WMT-TV	8
Portland	WCSH-TV	6
	WGAN-TV	13
Presque Isle	WAGN-TV	8

Location	C.L.	Chan.

## MARYLAND

Location	C.L.	Chan.
Baltimore	WBAL-TV	11
	WJZ-TV	13
	WMAR-TV	2
	WMET-TV	24
Salisbury	WBOC-TV	16

## MASSACHUSETTS

Location	C.L.	Chan.
Adams	WCDC	19
Boston	WBZ-TV	4
	WHIS-TV	38
	WHDH-TV	5
	WNAO-TV	7
	WREP	25
Greenfield	WRLP	22
Springfield	WWLP	22
	WHYN-TV	40
Worcester	WJZB-TV	14

## MICHIGAN

Location	C.L.	Chan.
Bay City-Saginaw	WNEM	5
Cadillac-Traverse City	WWTG	9
Cheboygan	WTOM-TV	4
Detroit	WJBK-TV	2
	WWJ-TV	4
	WKBD	50
	WXON	62
	WXYZ-TV	7
Detroit-Windsor	CKLV-TV	9
Flint	WJRT	12
Grand Rapids	WZZM-TV	13
Grand Rapids-Kalamazoo	WOOD-TV	8
	WKZO-TV	3
	WJIM-TV	6
Lansing	WLIX-TV	10
Lansing-Onondaga	WLUU-TV	6
Marquette	WKYC-TV	57
Saginaw-Bay City	WKNX-TV	7
Sault Ste. Marie	WWUP-TV	10
Traverse City	WPBN-TV	7

## MINNESOTA

Location	C.L.	Chan.
Alexandria	KCMT	7
Austin	KMMT	6
Duluth	WDIO-TV	10
Duluth-Superior, Wis.	KDAL-TV	3
	WDSM-TV	6
	KEYC-TV	12
Mankato	WCCO-TV	4
Minneapolis-St. Paul	KMSP-TV	9
	WTCN-TV	11
	KROC-TV	10
Rochester	KSTP-TV	5
St. Paul-Minneapolis	KNOX-TV	10
Thief River Falls	KNMT	12
Walker		

## MISSISSIPPI

Location	C.L.	Chan.
Biloxi	WLOX-TV	13
Columbus	WCBJ-TV	4
Greenwood	WABG-TV	6
Jackson	WJTV	12
	WLBT	3
Laurel-Hattiesburg	WDM-TV	7
Meridian	WTOI-TV	11
Tupelo	WTWV	9

## MISSOURI

Location	C.L.	Chan.
Cape Girardeau	KFVS-TV	12
Columbia	KOMU-TV	8
Hannibal-Quincy, Ill.	KHQA-TV	7
	KRCG	13
Jefferson City	KODE-TV	12
Joplin	KUHI-TV	16
Kansas City	KCMO-TV	5
	WDAF-TV	5
	KMBC-TV	3
	KCIT-TV	50
Kirkville-Ottumwa, La.	KTVQ	3
St. Joseph	KFEQ-TV	4
St. Louis	KMOX-TV	4
	KSD-TV	11
	KPLR-TV	5
	KTVI	2
Sedalia	KMOS-TV	6
Springfield	KTTS-TV	10
	KYTV	3

## MONTANA

Location	C.L.	Chan.
Billings	KULR-TV	8
	KOOK-TV	2
Butte	KXLF-TV	4
Glendive	KGNV-TV	5
Great Falls	KFBB-TV	5
	KRTV	3
Helena	KBLL-TV	12
Missoula	KGVO-TV	13

## NEBRASKA

Location	C.L.	Chan.
Albion	KHQL-TV	8
Grand Island	KGIN-TV	11
Hastings	KHAS-TV	5
Hay Springs	KDUH-TV	6
Hayes Center	KHPL-TV	6

Location	C.L.	Chan.

## NEVADA

Location	C.L.	Chan.
Las Vegas	KLAS-TV	8
	KORK-TV	3
Reno	KCLR	4
	KOLO-TV	8

## NEW HAMPSHIRE

Location	C.L.	Chan.
Lebanon	WRLH	49
Manchester	WMUR-TV	9

## NEW JERSEY

Location	C.L.	Chan.
Burlington	WKBS	41
Linden-Newark	WNJU-TV	47
Paterson	WXTV	41
Wildwood	WCBC-TV	40

## NEW MEXICO

Location	C.L.	Chan.
Albuquerque	KGGM-TV	13
	KATV	7
	KOB-TV	4
Carlsbad	KAYE-TV	6
Clovis	KICA-TV	12
Roswell	KSWB-TV	8
	KBIM-TV	10

## NEW YORK

Location	C.L.	Chan.
Albany	WTEN	10
	WAST	13
Binghamton	WBJA-TV	34
	WINR-TV	40
	WNBZ-TV	12
Buffalo	WBEV-TV	4
	WGR-TV	2
	WKBW-TV	7
Carthage-Watertown	WNNY	7
Elmira-Corning	WSYE-TV	18
Ithaca	WCIC	52
New York	WABC-TV	7
	WCBS-TV	2
	WNBC-TV	4
	WNEW-TV	5
	WOR-TV	9
	WPIX	11
	WPTZ	5
Plattsburgh	WHEC-TV	10
Rochester	WOKR	13
	WROC-TV	8
	WRGB	6
Schenectady	WHEN-TV	5
Syracuse	WYSR-TV	3
	WNY5-TV	9
Utica	WKTV	2

## NORTH CAROLINA

Location	C.L.	Chan.
Asheville	WISE-TV	62
	WLOS-TV	13
Charlotte	WBTV	3
	WSOC-TV	9
	WCTV-TV	36
	WTVD	11
Durham-Raleigh	WFMY-TV	2
Greensboro	WNCN-TV	9
Greenville	WGHP-TV	8
High Pt.-Greensboro	WHKY-TV	14
Winston Salem	WNBE-TV	12
Hickory	WHLA-TV	5
New Bern	WITN-TV	7
Raleigh-Durham	WECT	6
Washington	WYAY	3
Wilmington	WSJS-TV	12
Winston-Salem		

## NORTH DAKOTA

Location	C.L.	Chan.
Bismarck	KFYR-TV	5
	KXMB-TV	12
	WDAZ-TV	8
Devils Lake	KDIX-TV	2
Dickinson	KTHI-TV	11
Fargo	WDAY-TV	6
Minot	KMOT	10
	KXMC-TV	13
	KCND-TV	1



# WHITES RADIO LOG

Location C.L. Chan.

## MISSOURI

Kansas City KCSO-TV 19  
St. Louis KETC 9

## NEBRASKA

Alliance KTNE-TV 13  
Lexington KLEW-TV 3  
Lincoln KUON-TV 12  
N. Platte KPNE-TV 9  
Omaha KYNE-TV 26

## NEW HAMPSHIRE

Durham WENH 11

## NEW MEXICO

Albuquerque KNME-TV 5

## NEW YORK

Buffalo WNED-TV 17  
New York WNDT 13

Location C.L. Chan.

Rochester WNYC-TV 31  
Schenectady WXXI 21  
Syracuse WMHT 17  
WCONY-TV 24

## NORTH CAROLINA

Chapel Hill WUNC-TV 4  
Charlotte WTVI 42  
Columbia WUNB-TV 2

## NORTH DAKOTA

Fargo KFME 13

## OHIO

Athens WOUB-TV 20  
Bowling Green WBGU-TV 70  
Cincinnati WCET 48  
Cleveland WVIZ-TV 25  
Columbus WOSU-TV 34  
Newark WGSF 26  
Oxford WMUB-TV 14  
Toledo WGTE-TV 30

## OKLAHOMA

Oklahoma City KETA 13  
Tulsa KOKH-TV 25  
KOED-TV 11

## OREGON

Corvallis KOAC-TV 7  
Portland KOAP-TV 10

Location C.L. Chan.

## PENNSYLVANIA

Allentown-Bethlehem WLVF-TV 39  
Clearfield WPSX-TV 3  
Hershey WITF-TV 33  
Philadelphia WUHY-TV 35  
Pittsburgh WQED 13  
WQEX 16  
Scranton WVIA-TV 44

## SOUTH CAROLINA

Charleston WITV 7  
Columbia WRLK-TV 35  
Greenville WNTV 29

## SOUTH DAKOTA

Vermillion KUSD-TV 2

## TENNESSEE

Lexington WLJT-TV 11  
Memphis WKNO-TV 10  
Nashville WDCN-TV 2  
Sneedville WSJK-TV 2

## TEXAS

Dallas-Ft. Worth KERA-TV 13  
Houston KUHT 8  
Lubbock KTXL-TV 5  
Richardson KRET-TV 23  
San Antonio-Austin KLRN-TV 9

Location C.L. Chan.

## UTAH

Logan KUSU-TV 12  
Ogden KWCS-TV 18  
KQET 9  
Provo KBYU-TV 11  
Salt Lake City KUED 7

## VIRGINIA

Hampton-Norfolk WHRO-TV 15  
Portsmouth WYAH-TV 27  
Richmond WCVE-TV 23

## WASHINGTON

Pullman KWSC-TV 10  
Seattle KCTS-TV 9  
Spokane KSPS-TV 7  
Tacoma KPEC-TV 56  
Yakima KYVE-TV 47

## WISCONSIN

Madison WHA-TV 21  
Milwaukee WMVS 10  
WMVT 36

## PUERTO RICO

Mayaguez WIPM-TV 3  
San Juan WIPR-TV 6

## Canadian Television Stations by Cities

Canadian stations listed alphabetically by cities. Abbreviations: Chan., channel; C.L., call letters.

Location	C.L.	Chan.	Location	C.L.	Chan.	Location	C.L.	Chan.	Location	C.L.	Chan.
Adams Hill, B.C.	CFCR-TV-8	11	Drumheller, Alta.	CHCT-TV-1	8	Malartic, Que.	CFCL-TV-5	5	Prince George, B.C.	CKPG-TV	2
Alitcan, Sask.	CKBI-TV-1	10	Dryden, Ontario	CBWAT-1	9	Manicouagan, Que.	CKHQ-TV-1	10	Princeton, B.C.	CHGP-TV-1	5
Amherst, N.S.	CJCH-TV-3	8	Eastend, Sask.	CJFB-TV-1	2	Marquis, Sask.	CKMJ-TV-7	7	Prince Rupert	CFTK-TV-1	6
Antigonish, N.S.	CJCB-TV-2	9	Edmonton, Alta.	CBXT 5	Marystown, Nfld.	CBNT-3	5	Promontory Mountain, B.C.	CFGR-TV-12	5	
Argentina, Nfld.	CJGX-TV-3	3	Edmonton, Alta.	CJRN-TV-1	13	Matane, Que.	CKRN-TV-4	4	Quebec, Que.	CBVT 11	5
Asherhof, B.C.	CFCR-TV-2	2	Edmonton, N.B.	CJBR-TV-1	13	Meadow Lake, Sask.	CKBL-TV-1	12		CFCM-TV	4
Ashmont, Alta.	CFRN-TV-4	12	Edson, Alta.	CFRN-TV-2	12	Medicine Hat, Alta.	CHAT-TV-2	9		CKMI-TV	5
Atikokan, Ont.	CBWCT-1	7	Elliot Lake, Ont.	CKSO-TV-1	3	Merritt, B.C.	CFCR-TV-3	10		CKCO-TV	2
Baldy Mountain, Man.	CKSS-TV	8	Enderby, B.C.	CFEN-TV-1	5	Midway, B.C.	CKMY-TV-1	7		CFRW-TV	3
Baie St. Paul, Que.			Enderby, B.C.	CHBC-TV-5	72	Moncton, N.B.	CKBA-TV	11		CFRQ-TV	9
Bancroft, Ont.	CKRT-TV-1	2	Estouville, Que.	CJES-TV-1	70	Moncton, N.B.	CKGW-TV	2		CFRD-TV	6
Banff, Alta.	CHXK-TV-1	2	Falkland, B.C.	CFWS-TV-1	5	Mont Blanc Perce, Que.	CFGW-TV-2	8		CJBR-TV	3
	CKRD-TV-2	10	Film Flon, Man.	CBWBT 10		Mont Clément, Que.	CKBL-TV-1	11		CJFB-TV-3	10
	CFCN-TV-2	8	Fort Francis, B.C.	CKPG-TV-3	16	Mont-Laurier, Que.	CBFT-2	3		CKRT-TV	7
Barrio, Ont.	CKVR-TV-3	3	Fort Fraser, B.C.	CKPG-TV-3	16	Mount Tremblay, B.C.	CFRC-TV-6	5		CKRS-TV-3	13
Bayview, N.S.	CJCH-TV-2	6	Foxwarren, Man.	CKX-TV-1	11	Mont Tremblant, Que.	CBFT-11	11		CKRM-TV	4
Bon Accord, N.B.	CHSJ-TV-1	6	Gaspe, Que.	CKX-TV-6	10	Montreal, Que.	CBFT 2	2		CKRN-TV	4
Bonavasia, Nfld.	CJON-TV-2	10	Gaspe West, Que. (Bechevaise Mountain)	CFGW-TV-1	6	Montreal, Que.	CBMT 2	2		CHSJ-TV	4
Boston Bar, B.C.	CFCR-TV-9	5	Goose Bay, Nfld.	CFLA-TV-1	8	Montreal, Que.	CFCT-TV	12		CKSB-TV-4	9
Bralorne, B.C.	CFCR-TV-15	3	Grand Bank, Nfld.	CJOX-TV-1	10	Montreal, Que.	CFTM-TV	10		CKSQ-TV	8
Brandon, Man.	CKX-TV 5	5	Grand Falls, Nfld.	CJCN-TV	4	Montreal, Que.	CFNB-TV	12		CKST-TV-4	9
Brooks, Alta.	CFCN-TV 3	3	Grande Prairie, Alta.	CBXAT 10	10	Montreal, Que.	CFTM-TV	12		CKTC-TV	8
Burns, Alta.	CJLH-TV-3	3	Grande Vallée	CKBL-TV-3	11	Montreal, Que.	CHAB-TV	2		CKTG-TV	6
Burnaby, B.C.	CHAN-TV 8	8	Greenwater Lake, Sask.	CKBI-TV-3	4	Moose Jaw, Sask.	CHAB-TV	2		CKTV-TV	6
Burns Lake, B.C.	CFTK-TV-3	2	Haliburton, Ont.	CKVR-TV-3	5	Moyie, B.C.	CKVS-TV-1	4		CKUB-TV	11
Calgary, Alta.	CFCN-TV 4	4	Halifax, N.S.	CBHT 3	3	Murdochville, Que.	CKBL-TV-2	6		CKUM-TV-3	3
Calgary, Alta.	CHCT-TV 2	2	Halifax, N.S.	CJCH-TV 5	5	Nakusp, B.C.	CJNP-TV-1	1		CJNV-TV-2	4
Callander, Ont.	CFCH-TV 10	10	Hamilton, Ont.	CHCH-TV 11	11	Nakusp, B.C.	CJNP-TV-2	4		CKOJ-TV	5
Campbellton, N.B.	CKOD-TV 7	7	Heart, Ont.	CBFT-2 7	7	Nass Camp (Near Lava Lake)	CFBK-TV-5	5		CKOJ-TV	5
Camp West, B.C.	CFNV-TV-1	3	High Prairie, Alta.	CFCL-TV-4 4	4	Newcastle, N.B.	CKAM-TV-1	1		CKOJ-TV	5
Canning, N.S.	CJCH-TV-1	10	Hixon, B.C.	CKPG-TV-1	10	Newcastle Ridge, B.C.	CFBK-TV-1	7		CKOJ-TV	5
Canoe, B.C.	CHBC-TV-8	3	Hudson Hope, B.C.			New Glasgow, N.S.	CFBY-TV-1	1		CKOJ-TV	5
Canoe Mountain, Near Valemont, B.C.	CFCR-TV-14	8	Huntsville, Ont.	CJDC-TV-1	11	Nipikish, B.C.	CFNV-TV-2	2		CKOJ-TV	5
Carleton, Que.	CHAU-TV 5	5	Invermere, B.C.	CKVR-TV-2	8	Nipawin, Sask.	CKBI-TV-4	6		CKOJ-TV	5
Carlyle Lake, Sask.			Inverness, N.S.	CFWL-TV-1	6	North Battleford, Sask.	CKBI-TV-2	7		CKOJ-TV	5
Carrot Creek, Alta.	CKOS-TV-2	7	Jonquiere, Que.	CJCB-TV-1	6	Olalla	CHCK-TV-2	11		CKOJ-TV	5
Caslegar, B.C.	CFRN-TV-1	1	Juskatla, B.C.	CKRS-TV 12	12	Oliver, B.C.	CHBC-TV-3	3		CKOJ-TV	5
Celista, B.C.	CHBC-TV-6	3	Kamloops, B.C.	CFCR-TV 4	4	Ontario, Ont.	CBOT 4	4		CKOJ-TV	5
Chandler, Que.	CHAU-TV-4	7	Kapuskasing, Ont.	CFBT-1 12	12	Ottawa, Ont.	CJCH-TV 13	13		CKOJ-TV	5
Charlottetown, P.E.I.			Kapuskasing, Ont.	CFCL-TV-3	3	Ottawa, Ont.	CJCH-TV 13	13		CKOJ-TV	5
			Kearns, Ont.	CFCL-TV-2	2	Outardes, Que.	CKHQ-TV-2	12		CKOJ-TV	5
Cherryville, B.C.	CJFY-TV 13	13	Kemano, B.C.	CFTR-TV-5	2	Parry Sound, Ont.	CKVR-TV-1	1		CKOJ-TV	5
Chicoitimi, P.Q.	CJFM-TV 6	6	Kelowna, B.C.	CHBC-TV 2	2	Passmore, B.C.	CHMS-TV-2	2		CKOJ-TV	5
Chilliwack, B.C.	CHAN-TV 11	11	Kenora, Ont.	CHBC-TV 2	2	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Cheticamp, N.S.	CBFT 10	10	Kereens, B.C.	CHCK-TV-1	5	Pease River, Alta.	CBXAT-1	1		CKOJ-TV	5
Chicoutimi, Que.	CKRS-TV-2	2	Kildada, B.C.	CFTR-TV-5	5	Pease River, Alta.	CBXAT-1	1		CKOJ-TV	5
Churchill, Man.	CHGH-TV 4	4	Kingsington, Ont.	CKWS-TV 11	11	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Clearwater, B.C.	CFCR-TV-10	2	Kitchener, Ont.	CKCO-TV 13	13	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Clemon, Que.	CFV-TV-1	75	Kokich, B.C.	CFKB-TV-2	9	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Clinton, B.C.	CFCR-TV-4	9	Labrador City, Nfld.	CJCL-TV 13	13	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Cloridrome, Que.	CHAU-TV-8	8	L'Anse a Vallée, Que.	CHAU-TV-9	7	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Corner Brook, Nfld.	CBYT 5	5	Lethbridge, Alta.	CHAU-TV-9	7	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Corner Brook, Nfld.	CJON-TV-1	10	Lillogot, B.C.	CFCR-TV-1	11	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Corwall, Ont.	CJSS-TV 5	5	Liverpool, N.S.	CBHT-1	12	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Coronation, Alta.	CKRD-TV 10	10	Lloydminster, Alta.	CKSA-TV 2	2	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Courtenay, B.C.	CBUT-1	9	London, Ont.	CFPL-TV 10	10	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Colgate, Saskatchewan			Lookout Ridge, Near			Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
			Chilliwack, B.C.	CBUT-2	2	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Cranbrook, B.C.	CBYT 10	10	Lumbly, B.C.	CHID-TV-1	3	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Crescent Valley, B.C.	CHMS-TV-1	5	Mabel Lake, B.C.	CHPP-TV-1	8	Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
			Magdalen Islands, Que.			Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Dawson Creek, B.C.	CJDC-TV 12	12				Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Deer Lake, Nfld.	CBYAT 12	12				Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
Drumheller, Alta.	CFCN-TV-1	12				Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5
						Peace River, Alta.	CBXAT-1	1		CKOJ-TV	5

Ville Marie, Que. CKRN-TV-3 6	Williams Lake, B.C. CFCR-TV-5 8	Wingham, Ont. CKNX-TV 8	Yorkton, Sask. CKOS-TV 3
Waterton Park, Alta. CJWP-TV-1 12	WiHow Bunch, Sask. CKCK-TV-2 6	Winnipeg, Man. CBWFT 3	Yarmouth, N.S. CBHT-3 11
Westwood, B.C. CFWS-TV-2 12	Windsor, Ont. CKLW-TV 9	Winnipeg, Man. CBWT 6	Yuill Mountain, Balfour, B.C. CKBF-TV-1 5
Whitecourt, Alta. CFRN-TV-3 12		Winnipeg, Man. CJAY-TV 7	
		Wynyard, Sask. CKOS-TV-3 6	

## World-Wide Shortwave Stations

**W**ith this copy of *White's Radio Log* at your operating desk you will be able to quickly identify and spot over 300 international broadcasting stations—the majority of the currently active stations being monitored by our readers and by the RADIO-TV EXPERIMENTER monitoring station, DX Central.

Each issue brings you a completely revised and updated version of the shortwave section which reflects new frequencies and schedule changes by the broadcasters. Our list may lack only one thing, that is your own personal listening experiences.

Yes, we find that the best way to compile a listing of active shortwave stations is to rely upon the latest reception loggings of our readers and, although we know that thousands of our readers make use of *White's*, only a handful of readers take the trouble to send us a copy of their loggings. Naturally we don't expect to hear from each and every reader for each and every issue, but we would like to hear from you at least once in a while. Why not let us know when you stumble upon particularly difficult station to log, or when you come upon a re-

vised broadcast schedule, you might even tell us if a regularly heard station has left the air.

In your report to us please indicate the name and/or call of the station, the location, the approximate frequency, and the time (in GMT) monitored. Send as many as you like. We will use as many as we can.

Victorio Rodriguez G., Mexicali, B. C., Mex.  
 Floyd Damron, Anchorage, Alaska  
 John J. Deno, Coatesville, Pa.  
 David Anderson, Grace, Idaho  
 Sp/4 Richard Prudy, Union Lake, Mich.  
 Allan Levite, Chicago, Ill.  
 Jeff Miller, Beckley, W. Va.  
 Mike Fine, Poughkeepsie, N. Y.  
 Roger E. Melvin, Pocasset, Mass.  
 David Schoeller, Elmhurst, Ill.  
 Robert N. Platt, Elk Grove Village, Ill.  
 B. T. Nawrocki, Maywood, Calif.  
 Elwin F. Young, Dorchester, Mass.  
 Tom Kneitel, New York, N. Y.  
 Jack Cooper, Hutchinson, Kans.  
 Rick Slattery, Key West, Fla.  
 B. Glassberg, Brooklyn, N. Y.  
 B. E. Kinahan, Yonkers, N. Y.  
 Carl Durnavich, Riverdale, Ill.  
 Walter O'Brien, Jr., Clark, N. J.  
 Michael A. Oswald, Grand Island, N. Y.  
 Norman D. Meer, Richmond, Va.  
 Julian Sienkiewicz, Brooklyn, N. Y.

kHz	Call	Name	Location	GMT
2410	4VU	R. Lumiere	Port au Prince, Haiti	0340
2455	—	R. Zambia	Lusaka, Zambia	0455

### 31 Meter Band—9500 to 9775 Kc/s

3215	BED59	V. of Free China	Taipei, Formosa	1245
3225	ELWA	R. Village	Monrovia, Liberia	0615
3230	VRH8	Fiji BC	Suva, Fiji Is.	0945
3240	—	BC Service Rep.	Baghdad, Iraq	1730
		Iraq		
3245	YVKT	R. Libertador	Caracas, Venezuela	2325
3275	ZYR31	Bauru R. Club	Bauru, Brazil	0530
3284	VRH9	Fiji BC	Suva, Fiji Is.	0930
3300	—	Brit. Hond. BC	Belize, Brit. Honduras	0200
3305	YVXX	V. de la Patria	Caracas, Venez.	0240
3315	—	R. Martinique	Ft. de France, Martinique	0100
3316	—	Sierra Leone BC	Freetown, Sierra Leone	0610
3325	YVRA	R. Monagas	Maturin, Venezuela	0240
3335	VL9CD	R. Wewak	Wewak, Papua	1300
3346	—	R. Zambia	Lusaka, Zambia	2000
3350	—	Ghana BC	Accra, Ghana	0605
3375	YVMI	V. de la Fe	Maracaibo, Venezuela	0245
3385	HIDA	R. Hit Musical	Santo Domingo, Dom. Rep.	1100
3395	HIAZ	R. Santiago	Santo Domingo, Dom. Rep.	1100

kHz	Call	Name	Location	GMT
3905	—	R. Port Vila	Port Vila, New Hebrides	0615
3910	—	Far East Network	Tokyo, Japan	1340
3995	9UB92	R. Cordac	Bujumbura, Burundi	0400
3995	—	R. Budapest	Budapest, Hungary	2200
4544	—	R. Alma Ata	Alma Ata, USSR	0410
4640	—	R. Dushanbe	Dushanbe, USSR	0600
4720	CR4AB	R. Club Mindelo	Cape Verde Is.	2200

### 60-Meter Band—4750-5060 kHz

4770	ELWA	R. Village	Monrovia, Liberia	0615
4795	—	R. Comercial	Sa da Bandeira, Angola	2330
4815	—	R. Ouagadougou	Ouagadougou, Upper Volta	0600
4820	HRVC	R. Evangelica	Teaguegalpa, Honduras	0200
4850	—	Mauritius BC	Forest Side, Mauritius	1300
4860	YVOE	R. Cumana	Cumana, Venezuela	0030
4865	CSA97	E. Regional	Ponta Delgada, Azores	2230
4870	—	R. Dahomey	Cononou, Dahomey	2230
4872	—	R. Sorong	Sorong, Indonesia	0800
4885	ZYG26	R. Pioneira de Torresina	Teresina, Brazil	0230
4914	HRSY	V. del Pacifico	San Lorenzo, Honduras	0315
4915	—	Ghana BC	Accra, Ghana	0330
4920	9UB94	R. Cordac	Bujumbura, Burundi	0400

# WHITE'S RADIO LOG

kHz	Call	Name	Location	GMT
4926	EAJ206	R. Equatorial	Bata, Spanish Guinea	2130
4940	—	R. Abidjan	Abidjan, Ivory Coast	2300
4950	—	R. du Senegal	Dakar, Senegal	0630
4955	PRF7	R. Cultura de Campos	Campos, Brazil	1030
4965	—	R. Zambia	Lusaka, Zambia	1830
4970	YVLK	R. Rumbos	Caracas, Venezuela	2700
4985	ZYYZ	R. Brazil Central	Goiana, Brazil	0900
5010	—	R. Garoua	Garoua, Cameroon	2115
5041	—	E. da Guine	Bissau, Port. Guinea	2230
5047	—	R. du Togo	Lome, Togo	2200
5050	—	R. Tanzania	Dar es Salaam, Tanzania	1830
5250	HCP55	Ondas Canarias	Azogues, Ecuador	0250
5260	—	R. Alma Ata	Alma Ata, USSR	0410
5875	HRN	V. de Honduras	Tegucigalpa, Honduras	1130
5930	—	R. Prague	Prague, Czech.	0100

## 49 Meter Band—5950 to 6200 Kc/s

5950	—	R. Warsaw	Warsaw, Poland	1530
—	—	R. Zelaya	Bluefields, Nicaragua	1100
5955	—	R. Casino	Puerto Limon, Costa Rica	1100
5960	—	Trans World R.	Bonaire, Nath. Antilles	0400
5970	—	R. Alma Ata	Alma Ata, USSR	0410
5980	—	Gronlands R.	Godthab, Greenland	0300
—	—	R. Demerara	Georgetown, Guyana	0950
5990	—	R. Sweden	Stockholm, Sweden	0230
6010	VUD	All India R.	New Delhi, India	1845
—	HJFK	V. Amiga	Pereira, Colombia	1015
6020	PCJ	R. Nederland	Hilversum, Neth.	1930
6025	CSA52	V. of West	Lisbon, Portugal	0345
6030	CFVP	V. of Praries	Calgary, Alta., Canada	1200
—	—	BC Service Rep. Iraq	Baghdad, Iraq	1930
6040	HJCB	V. del Tolima	Ibague, Colombia	0215
6055	—	R. Prague	Prague, Czech.	0700
6060	—	R. Habana	Havana, Cuba	2200
6075	H1DB	R. Libertad	Santiago, Dom. Rep.	1100
6082	OAX4Z	R. Nacional	Lima, Peru	0200
6085	PCJ	R. Nederland	Hilversum, Netherlands	1500
6090	—	R. Kaduna	Kaduna, Nigeria	0520
—	LRY1	R. Belgrano	Buenos Aires, Argentina	0600
6095	—	BC Service Rep. Iraq	Baghdad, Iraq	1930
6100	—	R. Habana	Havana, Cuba	0100
—	—	R. Malaysia	Kuala Lumpur, Malaysia	1130
6110	—	Ghana BC	Accra, Ghana	0330
6120	O1X7	Finnish BC	Helsinki, Finland	2100
—	—	BBC Relay	Nicosia, Cyprus	0257
6135	—	R. Warsaw	Warsaw, Poland	1530
—	—	R. Habana	Havana, Cuba	0330
6145	ETLF	R. V. Gospel	Addis Ababa, Ethiopia	1545
6155	OEI21	Austrian R.	Vienna, Austria	1700
6160	HSK4	R. Thailand	Bangkok, Thailand	0415
—	HJKJ	R. Nueva Grenada	Nueva Grenada, Colombia	0210
6170	—	R. Habana	Havana, Cuba	0700
6175	—	R. Malaysia	Kuala Lumpur, Malaysia	1115
—	—	BBC	London, England	2115
6180	—	V. America Relay	Monrovia, Liberia	0600
—	—	R. Alma Ata	Alma Ata, USSR	0410
6185	CSA29	V. of West	Lisbon, Portugal	0345

kHz	Call	Name	Location	GMT
6190	—	R-TV Morocco	Sebaa-Aioun, Morocco	2130
6195	—	BBC	London, England	1830
6200	—	R. Moscow	Moscow, USSR	0200
6234	—	R. Budapest	Budapest, Hungary	2200
6345	—	R. Peking	Peking, China	1500
6850	—	Rozglosnia Harcerska	Warsaw, Poland	1130

## 41 Meter Band—7100 to 7300 Kc/s

7100	—	R. Budapest	Budapest, Hungary	2200
7110	—	R. Erevan	Erevan, Armenia, USSR	0800
7115	—	R. Prague	Prague, Czech.	0100
7125	—	R. Warsaw	Warsaw, Poland	1530
7140	—	BBC Relay	Nicosia, Cyprus	0257
7145	—	R. Warsaw	Warsaw, Poland	1530
7175	—	V. America Relay	Monrovia, Liberia	0600
7190	—	BC Service Rep. Iraq	Baghdad, Iraq	0320
7195	HSK7	R. Thailand	Bangkok, Thailand	0415
7210	—	BBC	London, England	1315
7215	VUD	All India R.	New Delhi, India	2215
—	—	V. of Vietnam	Hanoi, N. Vietnam	1300
7220	—	R. Budapest	Budapest, Hungary	2300
7230	—	R. Ouagadougou	Ouagadougou, Upper Volta	0600
7245	OEI33	Austrian R.	Vienna, Austria	1700
7260	—	BBC	London, England	2100
—	BEC71	Air Force	Taiwan, Formosa	1100
7265	—	R. Tirana	Tirana, Albania	2200
7270	—	R. South Africa	Paradys, S. Africa	2100
7285	—	R. Warsaw	Warsaw, Poland	1530
7295	—	Trans World R.	Monte Carlo, Monaco	0630
—	VUD	All India R.	New Delhi, India	1845
7305	—	R. Budapest	Budapest, Hungary	2200
7306	—	Rozglosnia Harcerska	Warsaw, Poland	1130
7320	—	BBC	London, England	1830
7325	—	BBC	London, England	2115
7345	—	R. Prague	Prague, Czech.	0100
7504	—	R. Peking	Peking, China	1500
8237	—	R. Peking	Peking, China	1500
8215	—	R. Peking	Peking, China	0100
9009	—	Kol Zion	Tel Aviv, Israel	1835
9250	—	R. Alma Ata	Alma Ata, USSR	0410
9360	—	R. Nacional	Madrid, Spain	2020
9390	—	R. Alma Ata	Alma Ata, USSR	0410
9457	—	R. Peking	Peking, China	0300

## 31-Meter Band—9500-9775 kHz

9505	—	R. Prague	Prague, Czech.	0100
—	—	R. Japan	Tokyo, Japan	0600
9508	—	R. Omdurman	Omdurman, Sudan	0420
9510	—	BBC	London, England	1315
9515	TAT	R. Ankara	Ankara, Turkey	1530
9525	—	R. South Africa	Paradys, S. Africa	2330
9535	CR6RZ	R. Angola	Luanda, Angola	1715
9540	ETLF	R. Voice of Gospel	Addis Ababa, Ethiopia	0400
9550	LLD	R. Norway	Oslo, Norway	0300
—	—	R. Moscow	Moscow, USSR	1230
9535	O1X2	Finnish BC	Helsinki, Finland	1600
—	—	Syrian BC	Damascus, Syria	1400
—	YSS	R. Nacional	San Salvador, El Salvador	0200
9560	—	R. Tanzania	Dar es Salaam, Tanzania	1000
9570	ETLF	R. Voice of Gospel	Addis Ababa, Ethiopia	1715
—	—	R. Australia	Melbourne, Australia	0730
9580	—	R. Erevan	Erevan, Armenia, USSR	0800
9585	YSV	V. del Comercio	Santa Ana, El Salvador	1335
9590	—	R. Erevan	Erevan, Armenia, USSR	0800
—	—	Trans World R.	Bonaire, Neth. Antilles	0130
9595	JOZ3	Okiki no Houso	Tokyo, Japan	0817
—	ZYN29	R. Cultura	Bahia, Brazil	0200
9600	—	V. America Relay	Monrovia, Liberia	0600
—	CE960	R. Pres. Balmaceda	Santiago, Chile	2310



kHz	Call	Name	Location	GMT	kHz	Call	Name	Location	GMT
9610	LLG VLX9	R. Norway R. Australia	Oslo, Norway Melbourne, Australia	2300 1100	—	RAI ETLF	Rome, Italy R. Voice Gospel	2230 0400	
9615	ORU4	V. Friendship	Brussels, Belgium	2200	11895	DMQ11	Deutsche Welle	Cologne, W. Germany	0500
9620	— — CXA6	R. New Zealand VTN S.O.D.R.E.	Wellington, N.Z. Saigon, S. Vietnam Montevideo, Uruguay	0600 0800 0200	11900	—	R. South Africa	Paradys, S. Africa	2330
9640	HLK5	V. Free Korea	Seoul, S. Korea	1030	11905	—	BBC Relay	Nicosia, Cyprus	1130
9660	— ETLF	R. Habana R. Voice Gospel	Havana, Cuba Addis Ababa, Ethiopia	0700 0330	11910	—	All India R. Kol Zion	New Delhi, India Tel Aviv, Israel	2222 1000
9667	—	R. Ceylon	Colombo, Ceylon	0130	11915	HSK9 HCJB	R. Thailand V. of Andes	Bangkok, Thailand Quito, Ecuador	1045 0230
9675	—	R. Warsaw	Warsaw, Poland	1530	11925	ETLF	R. Voice Gospel	Addis Ababa, Ethiopia	0350
9685	—	Vatican R.	Vatican City	2200	ZYR78	R. Bandeirantes	Sao Paulo, Brazil	2110	
9690	VUD LRA32	All India R. R. Nacional	New Delhi, India Buenos Aires, Argentina	1945 0600	ELWA	R. Village Sawt al Islam	Monrovia, Liberia Riyadh, Saudi Arabia	0500 2200 2305	
9700	—	R. Sofia	Sofia, Bulgaria	0000	11970	WNYW	R. New York Worldwide	New York, N.Y.	2305
9705	— ETLF	R. Sweden R. Voice Gospel	Stockholm, Sweden Addis Ababa, Ethiopia	1100 1815	11975	ELWA	R. Village	Monrovia, Liberia	0500
9710	—	R. Malaysia	Kuala Lumpur, Malaysia	1300	11990	—	R. Prague	Prague, Czech	0100
—	—	R. Kiev	Kiev, USSR	0030	14345	—	Hellenic BC	Athens, Greece	1830
—	—	Mauritius BC	Forest Side, Mauritius	0230	14520	—	Korean Central BC	Pyeongyang, N. Korea	0100
9720	—	R. South Africa	Paradys, S. Africa	2100	<b>19-Meter Band—15100-15450 kHz</b>				
—	—	Sawt al Islam	Riyadh, Saudi Arabia	2200	15100	—	RH de Mexico	Mexico	2300
9740	WNYW LRSI	R. New York Worldwide R. Splendid	New York, N.Y. Argentina Buenos Aires, Argentina	2305 2150 1100	—	—	R. Euzkadi R. Moscow	(clandestine) Moscow, USSR	2130 1430
9745	BEC62 TAP HCJB	Air Force R. Ankara V. of Andes	Taipei, Formosa Ankara, Turkey Quito, Ecuador	1930 0230	15110	—	R. Free Europe	Munich, Germany	1300
9760	—	R. Hanoi	Hanoi, N. Vietnam	1300	15115	—	V. of Andes	Quito, Ecuador	0230
9765	—	R. South Africa	Paradys, S. Africa	2330	15125	HLK41 BED60	V. Free Korea V. Free China	Seoul, S. Korea Taipei, Formosa	0630 1715
9810	—	R. Kiev	Kiev, USSR	0030	15145	—	R. Free Europe	Munich, Germany	1715
9813	—	R. Budapest	Budapest, Hungary	2200	15148	CEI515 TAU	Corp. Chilena BC R. Ankara	Santiago, Chile Ankara, Turkey	0100 0420
9915	VUD	All India R.	New Delhi, India	2215	15165	OZF7	V. Denmark	Copenhagen, Denmark	1330
10530	—	R. Alma Ata	Alma Ata, USSR	0410	15170	—	Hashemite BC	Amman, Jordan	2300
10865	—	R. Peking	Peking, China	0100	15175	LLM	R. Norway	Oslo, Norway	1500
11410	—	R. Peking	Peking, China	2300	15185	OIX4 ETLF	Finnish BC R. Voice Gospel	Helsinki, Finland Addis Ababa, Ethiopia	1600 1500 0100
11610	—	R. Peking	Peking, China	2300	15195	—	R. Japan	Tokyo, Japan	0600
11672	—	R. Pakistan	Karachi, Pakistan	1500	15205	—	R. Ceylon	Colombo, Ceylon	0100
11685	CR6RR	R. Diamang	Lusaka, Angola	1900	15210	ETLF	R. Voice Gospel	Addis Ababa, Ethiopia	1600

### 25-Meter Band—11700-11975 kHz

11710	—	R. Australia	Melbourne, Australia	0730	15220	—	R. Australia	Melbourne, Australia	2245
—	LRA35	R. Nacional	Buenos Aires, Argentina	2300	15230	—	R. Ceylon	Colombo, Ceylon	0130
11720	—	R. Canada	Montreal, P.Q.	1745	ETLF	R. Voice of Gospel	Addis Ababa, Ethiopia	1830	
11730	PRL8 PCJ	R. Nacional R. Nederland	Brasilia, Braz. Hilversum, Netherlands	2130 1930	15235	—	BBC	London, England	1315
11735	—	R. Iran	Tehran, Iran	2000	—	R. Japan	Tokyo, Japan	0630	
11735	—	R. Habana	Havana, Cuba	0730	15245	—	Trans World R.	Bonaire, Neth. Antilles	2100
11740	—	V. America Relay	Monrovia, Liberia	0500	15255	—	R. Berlin Int'l.	Berlin, E. Germany	1435
11750	VUD	All India R.	New Delhi, India	1945	15285	—	R. Prague	Prague, Czech	0330
11750	—	BBC Relay	Malaysia	1145	—	Ghana BC	Accra, Ghana	1900	
11760	—	R. Habana	Havana, Cuba	0100	15295	—	R. Club	Lourenco Marques, Mozamb.	1630
11765	—	R. Sweden	Stockholm, Sweden	1230	15315	ETLF	R. Voice Gospel	Addis Ababa, Ethiopia	1345
11770	ETLF	R. Voice Gospel	Addis Ababa, Ethiopia	0500	15320	—	R. Canada	Montreal, P.Q.	1745
—	—	Vatican R.	Vatican City	0110	15340	—	R. Habana	Havana, Cuba	2200
11780	—	BBC	London, England	1315	15350	—	BBC Relay	Ascension I.	1745
—	—	R. Moscow	Moscow, USSR	1930	15370	ZYC9	R. Tupi	Rio de Janeiro, Brazil	2030
—	—	R. New Zealand	Wellington, N.Z.	0545	15400	ETLF	R. Voice Gospel	Addis Ababa, Ethiopia	0430
11795	OEI52	Austrian R.	Buenos Aires, Argentina	2000	15410	ETLF	R. Voice Gospel	Addis Ababa, Ethiopia	1300
11805	OIX8	Finnish BC	Vienna, Austria	1300	15415	ZYR206	R. Club Ribeirao	Preto, Brazil	0645
11815	—	R. Japan	Helsinki, Finland	1600	15425	PCJ	R. Nederland	Hilversum, Netherlands	1930
11820	—	R. Tahiti	Tokyo, Japan	2200	15440	WNYW	R. New York Worldwide	New York, N.Y.	2305
—	—	Trans World R.	Papeete, Tahiti Bonaire, Neth. Antilles	0230 1205	17680	—	R. Peking	Peking, China	0000
11825	—	R. Tahiti	Papeete, Tahiti	0430	17697	—	R. Berlin Int'l.	Berlin, E. Germany	1600
11835	—	R-TV Algerienne	Algiers, Algeria	1330	<b>16 Meter Band—17700 to 17900 Kc/s</b>				
—	4VEJ	V. Evangelique	Cap Haitien, Haiti	1800	17705	—	V. America Relay	Honolulu, Hawaii	2220
11850	ETLF	R. V. Gospel	Addis Ababa, Ethiopia	1700	17730	WNYW	R. New York Worldwide	New York, N.Y.	1305
—	LLK	R. Norway	Oslo, Norway	2300	17795	—	R. Budapest	Budapest, Hungary	1930
—	—	R. Moscow	Moscow, USSR	1230	(Continued on page 115)				
11875	—	R. Pakistan	Karachi, Pakistan	1125					
—	ZYN32	R. Society Bahia	Salvador, Brazil	0100					
11890	—	R. Berlin Int'l.	Berlin, E. Germany	0100					



# LITERATURE LIBRARY

★ Starred items indicate advertisers in this issue. Consult their ads for additional information and specifications.



## CB—BUSINESS RADIO SHORTWAVE RADIO

★93. *Heath Co.* has a new 23-channel all-transistor 5-watt CB rig at the lowest cost on the market, plus a full line of CB gear. See their new 10-band AM/FM/Shortwave portable and line of shortwave radios.

★101. If it's a CB product, chances are *International Crystal* has it listed in their colorful catalog. Whether kit or wired, accessory or test gear, this CB oriented company can be relied on to fill the bill.

48. *Hy-Gain's* new CB antenna catalog is packed full of useful information and product data that every CB'er should know. Get a copy.

107. Get with the mobile set with *Tram's* XL100. The new Titan CB base station, another *Tram* great, is worth knowing about.

111. Get the scoop on *Versa-Tronics' Versa-Tenna* with instant magnetic mounting. Antenna models available for CB'ers, hams and mobile units from 27 MHz to 1000 MHz.

49. Want to see the latest in communication receivers? *National Radio Co.* puts out a line of mighty fine ones and their catalog will tell you all about them!

45. Catering to 2-way radio buffs for 30 years, *World Radio Laboratories* has a new free catalog which includes the latest CB transceivers, etc. Quarterly fliers chock-full of bargains are also available.

50. Make your connection with *Amphenol*—tune in to the latest on CB product news with specs and pics on new gear. Keep informed on Amphenol's new products.

100. You can get increased CB range and clarity using the "Cobra" transceiver with speech compressor—receiver sensitivity is excellent. Catalog sheet will be mailed by *B&K Division of Dynascan Corporation*.

54. A catalog for CB'ers, hams and experimenters, with outstanding values. Terrific buys on *Grove Electronics' antennas, mikes and accessories*.

96. If a rugged low-cost business/industrial two-way radio is what you've been looking for, be sure to send for the brochure on *E. F. Johnson Co.'s* brand new Messenger "202."

102. *Sentry Mfg. Co.* has some interesting poop sheets on speech clippers, converters, talk power kits and the like for interested CB'ers, hams and SWL'ers, too.

103. *Squires-Sanders* would like you to know about their CB transceivers, the "23'er" and the new "S5S." Also, CB accessories that add versatility to their 5-watters.

## ELECTRONIC PRODUCTS

66. Try instant lettering to mark control panels and component parts. *Datak's* booklets and sample show this easy dry transfer method.

108. Get the facts on *Mercury's* line of test equipment kits—designed to make troubleshooting easier, faster and more profitable.

67. "Get the most measurement value per dollar," says *Electronics Measurements Corp.* Send for their catalog and find out how!

92. How about installing a transistorized electronic ignition system in your current car? *AEC Laboratories* will mail their brochure giving you specifications, schematics.

109. *Seco* offers a line of specialized and standard test equipment that's ideal for the home experimenter and pro. Get specs and prices today.

## HI-FI/AUDIO

★26. Always a leader, *H. H. Scott* introduces a new concept in stereo console catalogs. "At Home With Stereo," offers decorating ideas, a complete explanation of the more technical aspects of stereo consoles.

85. Need a tuner? Preamp? Amp? Tape deck? Then inspect *Dyna* for kits or wired units. It's worthwhile looking at test reports *Dyna* sends your way.

110. Get the latest facts on sound columns. *American Geloso Electronics Inc.* offers a ten-page booklet giving the hows and whys plus method of installation and arrangement of sound columns.

15. A name well-known in audio circles is *Acoustic Research*. Here's its booklet on the famous AR speakers and the new AR turntable.

16. Discover how Cueing Control, anti-scating and other *Garrard* features in the Lab 80 offer tops in audio listening. 32-page *Garrard* Comparator Guide will make you a wiser buyer—get it.

17. Build your own bass reflex enclosures from fool-proof plans offered by *Electro-Voice*. At the same time get the specs on *EV's* solid-state hi-fi line—a new pace setter for the audio industry.

19. *Empire Scientific's* new 8-page, full color catalog is now available to our readers. Don't miss the sparkling decorating-with-sound ideas.

24. Need a hi-fi or PA mike? *University Sound* has an interesting microphone booklet audio fans should read before making a purchase.

27. An assortment of high fidelity components and cabinets are described in the *Sherwood* brochure. The cabinets can almost be designed to your requirements, as they use modules.

95. Confused about stereo? Want to beat the high cost of hi-fi without compromising on the results? Then you need the new 24-page catalog by *Jensen Manufacturing*.

99. Interested in learning about amplifier specifications as well as what's available in kit and wired form from *Acoustech*? Then get your copy of *Acoustech's* 8-page colorful brochure.

34. You can't pick the tape recorder you need without a program—and *Sony Superscope* has one. Full color 16-page booklet is as good as your dealer's showcase. Includes accessories.

## TAPE RECORDERS AND TAPE

113. *Scotch* is the product and it's made by *Minnesota Mining and Mfg. Co. (3M)*. Get a packet full of facts and tape data from 3M and learn all about your tape recorder and the tape it needs.

31. All the facts about *Concord Electronics Corp.* tape recorders are yours for the asking in a free booklet. Portable, battery operated to four-track, fully transistorized stereos cover every recording need.

32. "Everybody's Tape Recording Handbook" is the title of a booklet that *Sarkes-Tarjian* will send you. It's 24-pages jam-packed with info for the home recording enthusiast. Includes a valuable table of recording times for various tapes.

33. Become the first to learn about *Norelco's* complete Carry-Corder 150 portable tape recorder outfit. Four-color booklet describes this new cartridge-tape unit.

35. If you are a serious tape audiophile, you will be interested in the new *Viking of Minneapolis* line—they carry both reel and cartridge recorders you should know about.

91. Sound begins and ends with a *Uher* tape recorder. Write for this new 20 page catalog showing the entire line of *Uher* recorders and accessories. How to synchronize your slide projector, execute sound on sound, and many other exclusive features.

## HI-FI ACCESSORIES

112. *Telex* would like you to know about their improved *Serenata* Headset—and their entire line of quality stereo headsets.

39. A 12-page catalog describing the audio accessories that make hi-fi living a bit easier is yours from *Switchcraft, Inc.* The cables, mike mixers, and junctions are essentials!

# FREE!

Mail This Card Today for Your  
**FREE**  
1967 Lafayette Catalog 670

## LAFAYETTE 1967 Catalog 670



Now  
**BETTER  
THAN  
EVER**

Over  
**500  
Pages**

Featuring Everything in Electronics for  
• HOME • INDUSTRY • LABORATORY  
from the  
*"World's Hi-Fi & Electronics Center"*

Use Lafayette's Easy-Pay Budget Plan  
No Money Down... Up to 24 Months to Pay  
Satisfaction Guaranteed or Money Refunded

### STORE LOCATIONS

<b>NEW YORK</b> Bronx Brooklyn Jamaica Manhattan Scarsdale Syosset	<b>NEW JERSEY</b> Newark Paramus Plainfield	<b>(WASH. D.C. AREA)</b> Falls Church, Va. Mt. Rainier, Md.
	<b>MASSACHUSETTS</b> Boston Natick Saugus	<b>CONNECTICUT</b> Hamden W. Hartford
		<b>PENNSYLVANIA</b> Pittsburgh

Mail the Coupon Today for Your **FREE** 1967  
Lafayette Catalog 670

LAFAYETTE Radio ELECTRONICS  
Dept. EXB-7 P.O. Box 10  
Syosset, L.I., N.Y. 11791  
Send me the Free 1967 Lafayette Catalog 670

Name .....

Address .....

City ..... State .....

Zip .....

(Please Give Your Zip Code No.)



Name

Address

City

State

Zip

Dept. EXB-7 (Please Give Your Zip Code No.)

Mail This Card Today for Your Friend's  
**FREE**  
1967 Lafayette Catalog 670



Friend's  
Name

Address

City

State

Zip

Dept. EXB-7 (Please Give His Zip Code No.)

Live Better Electronically With

# LAFAYETTE RADIO ELECTRONICS

Mail The Card Today for Your

## FREE!

1967 Catalog 670

Shop At The  
"World's Hi-Fi &  
Electronics Center"  
For Widest Selection,  
Low Prices



- Stereo Hi-Fi • Citizens Band • Ham Gear • Test Equipment • TV and Radio Tubes and Parts • Cameras • Auto Accessories • Musical Instruments • Tools • Books

Everything In Electronics For  
Home • Industry • Laboratory

Exclusively Yours at Lafayette

A Complete Assortment of Musical Instruments



25-Channel, Solid-State C.B. Transceiver Model HB-600



New! Criterion Hi-Fi Bookshelf Speakers



No Money Down • Up to 24 Months to Pay

New 65-Watt AM-FM Solid-State Stereo Receiver, Model LR-900T



New! 2-Channel 6-Transistor Walkie-Talkie Model HA-62



New! All Solid-State Tape Recorders and Decks—Model RK-830



Satisfaction Guaranteed or Money Refunded

Lafayette Mobil-Ade™ 12-Channel Solid-State CB Transceiver, Model HB-555



50-Watt Solid-State Stereo Amplifier, Model LA-248



New Complete Line of Lafayette TV Antennas



Do A Friend A Favor...

Have a friend interested in hi-fi or electronics? Send us his name and address and we will send him his own personal copy of the 1967 Lafayette Catalog 670.

## FREE! MAIL THE CARD TODAY!

LAFAYETTE RADIO ELECTRONICS

P.O. BOX 10

SYOSSET, L.I., N.Y. 11791

PLACE  
STAMP  
HERE

LAFAYETTE RADIO ELECTRONICS

P.O. BOX 10

SYOSSET, L.I., N.Y. 11791

PLACE  
STAMP  
HERE

# NOW 12 EASY, EXCITING WAYS TO LEARN ELECTRONICS, TV-RADIO WITH NRI

NRI has a training plan to fit your interest, your need, your education . . . from Color TV Servicing to Electronics for Printers. Pick the field of your choice and mail postage-free card now.



## TELEVISION-RADIO SERVICING

Learn to fix home entertainment equipment like radio, hi-fi and stereo sets, all kinds of TV sets. Training kits include choice of black-and-white or color TV set you build. A profitable field full or part-time.



## INDUSTRIAL-MILITARY ELECTRONICS

From basic principles to computers. Comprehensive training teaches fundamentals, then takes you into such modern-day miracles as servos, telemetry, multi-plexing, phase circuitry, others.



## COMPLETE COMMUNICATIONS\*

Teaches and provides actual practice in operation, service, maintenance of AM, FM, and TV broadcasting stations. Also covers marine, aviation, mobile radio, facsimile, microwave, radar.



## FCC LICENSE\*

Prepares you for First Class FCC Radiotelephone License exams. You begin with fundamentals, advance to required subjects covering equipment, procedures.



## MATH FOR ELECTRONICS

A brief course for engineers and technicians who need a quick review of essential math used in industry, communications, government. Basic arithmetic review, short-cut formulas, modern digital number systems, much more.



## BASIC ELECTRONICS

A concise course in Electronic terminology and components. A wealth of useful information to help you better understand the field. For anyone who wants a basic understanding of Radio-TV Electronics.



## ELECTRONICS FOR AUTOMATION

Not for beginners, but for men with some knowledge of Electronics who want an understanding of process control, ultrasonics, telemetering and remote control, electromechanical measurements, other subjects.



## AVIATION COMMUNICATIONS\*

Prepares you to install, maintain, service direction finders, ranges, markers, Loran, Shoran, Radar, landing systems. Earn your FCC License with Radar Endorsement.



## MARINE COMMUNICATIONS\*

Covers transmitters, direction finders, depth indicators. Radar, Sonar, other equipment on commercial ships, pleasure boats. Prepares for FCC License with Radar Endorsement.



## MOBILE COMMUNICATIONS\*

Learn to install and maintain mobile transmitters and receivers used by police and fire departments, public utilities, construction firms, taxis, etc. Prepares for FCC License.



## ELECTRICAL APPLIANCE REPAIR

Prepares you quickly to repair all types of appliances, including air conditioning, refrigeration, small gasoline engines. An easy, practical course leading to profitable part-time or full-time business of your own.



## ELECTRONICS FOR PRINTERS

Designed to teach operation and maintenance of Electronic equipment which controls the latest devices developed for the graphic arts industry. From basic principles to computer circuits. Approved by major manufacturers.

\*NOTE: You must pass your FCC License exam (any Communications course) or NRI refunds in full the tuition you have paid.

SEE  
OTHER  
SIDE

EARN YOUR FCC  
LICENSE OR YOUR  
MONEY BACK

FILL OUT  
AND MAIL  
POSTAGE-FREE  
CARD



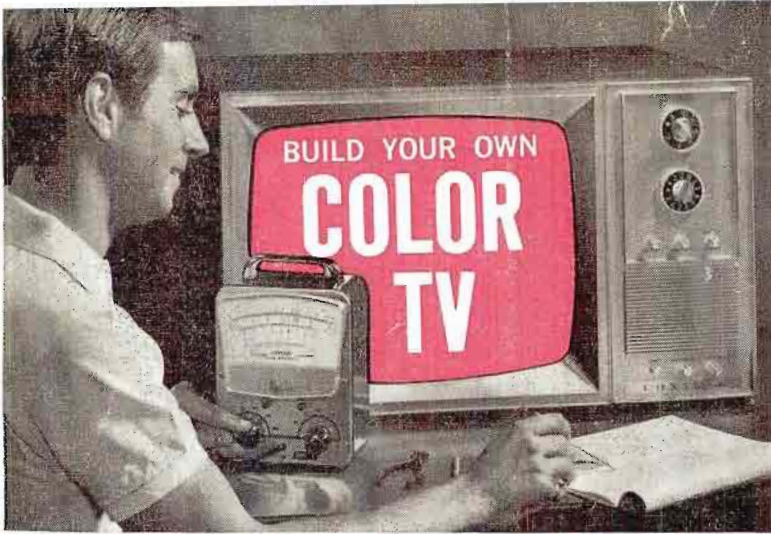
TRAIN UNDER NEW GI BILL.  
If you served since Jan. 31, 1955,  
or are in service now, check GI  
line in postage-free card.

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

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



**ONLY NRI  
GIVES YOU  
YOUR OWN  
COLOR KIT**

## *Discover the Ease and Excitement of Learning TV-Radio, Electronics at Home with NRI*

Begin now an exciting adventure. NRI—the home-study school that pioneered learn-by-doing training kits is now first to bring you COLOR TV training equipment. Learn Color TV Servicing by building your own high-quality Color set. You get “on-the-job” experience as you train. Your family enjoys the thrills of vibrant color shows for years to come. And, thanks to NRI training, you can do your own servicing—no costly service contract.

### **Earn \$4 to \$6 an Hour Extra Spare Time**

Color TV is booming. Set sales exceed 5,000,000 a year now. 10-million-color-set years are predicted soon. And 60% of color set owners also own black-and-white sets. TV Technicians are in demand now to serve this giant, money-making, growing market. NRI shows you how to cash in on Color TV: how

to earn \$4 to \$6 an hour extra in spare time while learning; how to be your own boss in a full-time Radio-TV Servicing business, or qualify quickly for jobs in the fascinating fields of broadcasting/communications, industrial electronics, automation and space projects.

### **Act Now to Move Ahead**

NRI offers you a choice of 12 different training plans, designed for people with all kinds of interests, all levels of education. Courses are described briefly on the other side of this page. To find out how you can be a part of the Electronics Age, mail postage-free card for free NRI color catalog. Don't delay. Electronics and Color TV need you now. NATIONAL RADIO INSTITUTE, Electronics Div. Washington, D.C. 20016. No salesman will call.

### **SEE OTHER SIDE**

NATIONAL RADIO INSTITUTE, ELECTRONICS DIVISION  
WASHINGTON, D.C. 20016 5-027

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

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

Check for facts on New GI Bill

Name..... Age.....

Address.....

City..... State..... Zip Code.....

ACCREDITED MEMBER NATIONAL HOME STUDY COUNCIL



**PICK YOUR  
FIELD** and  
mail postage-free  
card for free  
color catalog



OVER 50 YEARS  
OF LEADERSHIP  
IN ELECTRONICS TRAINING