

FALL-WINTER 1977 \$1.35 02003

communications
WORLD

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INCLUDING THE **COMPLETE**
WHITE'S RADIO LOG
AM-FM-TV-SHORTWAVE

By the Editors of ELEMENTARY ELECTRONICS

Get a taste of International DX

- Hot DX Antennas bring the World to your home
- High Technology brings more for less in SW Receivers
- Capture International Intrigue from Global Hot Spots
- Exotic QSLs - The Flavor of Rare DX

Monitor the Action Bands

- Ride the cockpits of the jumbo jets
- Touch all the bases with the newest scanners
- Emergency news flashes as they happen



ON OUR COVER
Sonora RCU-208 (Vintage 1945)
Drake SSR-1
Eletra Bearcat 210
Realistic Jetstream Mini

DAVIS PUBLICATION



If you want a career in servicing two-way radio communications equipment...you'll have to get a First or Second Class FCC Radiotelephone License.

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There's a gigantic potential market out there for communications equipment service skills. (For example, there are about 4 million mobile transmitters that are licensed by the FCC.) And that's just the beginning. Radio systems are also used in air and railroad traffic control; police, fire-fighting, and rescue vehicles; ship-to-shore communications; dispatching of fleet vehicles, such as taxis and trucks; assigning field service specialists; security networks; satellite communications; and many other new and growing applications. But before you can start a career servicing any radio system, you must have at least a Second Class FCC Radiotelephone License.

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FALL/WINTER 1977

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chassis and heavy aluminum case encloses electronic components mounted on four plug-in printed circuit boards making for simple, easy maintenance. Sells for \$599.00. The company also offers a base station adaptor, the BA-5, with front mounted speaker and regulated power supply, that sells for \$89.95. Further information on the CP-400, and the company's complete line of high technology, American-made communications gear, is available from Communications Power, Inc., 2407 Charleston Road, Mountain View, CA 94043.

SSB Ham Rig

What may be described as the world's most professional 200 watt SSB radio transceiver has recently been announced by Stoner. A number of design techniques not usually found in amateur equipment are employed in the Model PRO 80-10. The customary VFO and crystal controlled band selection tech-



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nique has been replaced by the popular phase lock loop (PLL) circuit. The synthesizer permits tuning the 80 through 10 meter ham bands in 100 Hz increments. Also the receiver covers the 27 MHz CB band. Broadband techniques and an overload immune "front end" provide a freedom from crossmodulation seldom found in solid state equipment. A high quality ladder type crystal filter provides outstanding unwanted side-

band rejection. The PRO 80-10 has a built-in independent WWV receiver. A master crystal oscillator for the PLL can be "zeroed in" with WWV to provide absolute frequency accuracy. There is no need for a calibrator to correct for frequency error at the band edges. The PRO 80-10 is approximately half the size of conventional ham rigs and measures 2.8-in. H x 12.1-in. D x 10.5-in. W. The unit has solid walnut end panels to complement any mobile or home station installation. Priced at \$1,495.00. A base station adaptor, with power supply and speaker, is available for \$249.00. To receive a color brochure on the PRO 80-10, write to Stoner, John Hancock Bldg., Mercer Island, WA 98040.

Mobile Music

Good sound reproduction coupled with sturdy, weather-resistant construction highlight the many features designed into the new Kriket Klassic 5-in. speakers. Rich, clean sound with wide frequency response is achieved through heavy magnet and air suspension dual cone design to deliver quality high fidelity sound in a car, truck, van or recreational vehicle. Mounting in tight, hard-to-reach places is achieved with AFS specially designed metal plate into which the speaker installs. The Klassic speak-

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er's tough, distinctive grille simply snaps on. The Klassic 5-in. speaker is sold in three ways. The kit, Model 8531, includes two speakers; two grilles; two mounting plates; two 15-foot cables with quick-connect terminals for fast, solderless installation; hardware, mounting instructions and a warranty (\$44.95 a pair). The replacement speaker pack, Model 7531, includes a single speaker housed in the same distinctive 4-color package as the stereo kit (\$22.95). 5-in. speakers also come bulk packaged with the designation, Model 2531 (\$19.95). For further information, contact Acoustic Fiber Sound Systems, Inc., P.O. Box 50829, Indianapolis, IN 46250.

Hole Cutting Kit

Drill burr-free holes for easy mobile CB antenna installation or for plumbing, electrical, and hobby uses with the unique Conecut Kit from GC Electronics. The kit (3420) contains two drill bits (No. 1 drills holes from 1/4 to 13/16-in.; No. 2 from 5/8 to 13/16-in.), cutting compound and an assortment of fiber

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The Realistic[®] 2001 MICRO PROCESSOR Scanner...all the action you can handle!

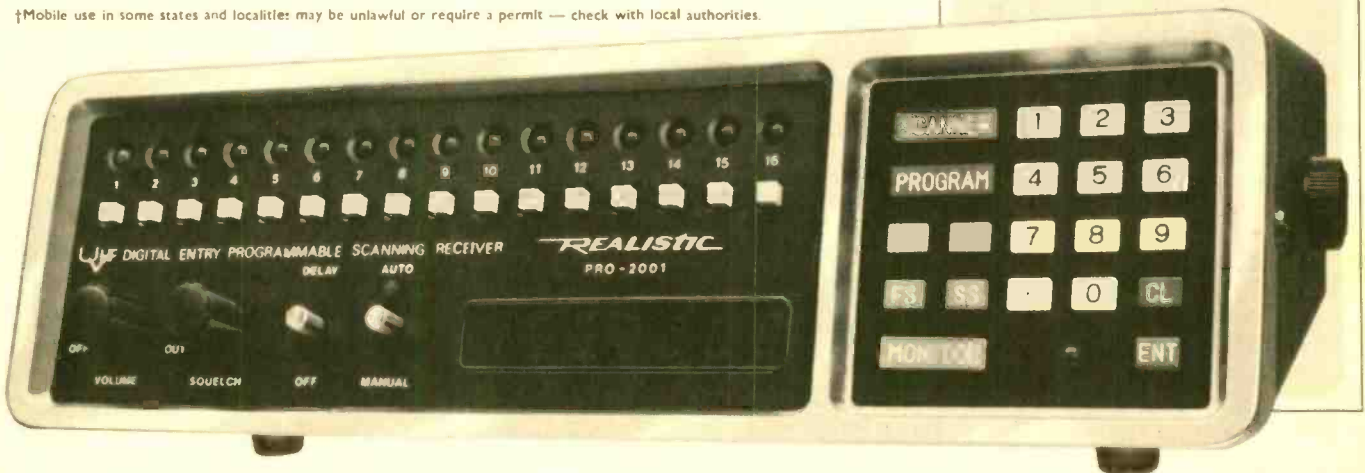
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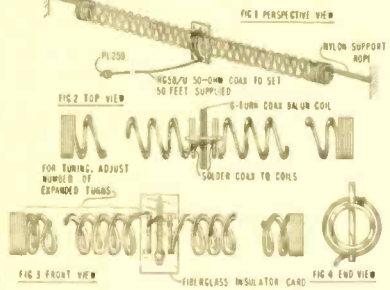
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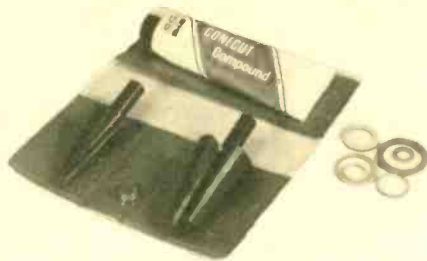
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Super Receiver

The McKay Dymek Company's new DR-22 all wave, fully synthesized, communications receiver covers the entire frequency range of 50 kHz to 29.7 MHz. Dymek says that the DR-22's high sensitivity coupled with wide dynamic range and high selectivity make the receiver very useful for picking out weak stations in the crowded high and medium frequency bands. The DR-22 comes equipped with switch selectable 4 or 8 kHz band width ceramic filters. Preceding the ceramic filters are crystal filters at 30 MHz and 10.7 MHz for a high overall



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selectivity and protection from intermodulation and cross modulation interference. AM broadcast stations, international short wave broadcasts, ham radio operators and CB channels are all tuned in with the same ease through the use of a digital phase locked loop tuning system. A large 5 digit LED readout indicates the frequency being received, which is selected by four rotary switches and a fine tuning control with a ± 5 kHz tuning range. The digital phase locked loop tuning system provides the equivalent of thousands of quartz crystals. Once tuned, the DR-22 remains on frequency since all tuning is done with quartz crystal accuracy and stability. The DR-22 comes complete with all crystals needed for full reception coverage. Standard features include high impedance audio output for recording or Hi Fi systems, 455 kHz IF output jack, mute control for use with transmitters, front panel headphone jack, internal speaker and control switch and external speaker connections. Priced at \$995.00.

Write to McKay Dymek Co., P.O. Box 2100, Pomona, CA 91766.

Budget-Priced Hi-Fi Components

Heath Company has two new low-priced stereo hi-fi kits; the AA-1219 Amplifier and the AJ-1219 AM/FM Tuner. The AA-1219 features input level controls, a tape monitor, pushbutton input selection and an output of 15 watts, minimum RMS per channel into 8 ohms with less than 0.5% total harmonic distortion from 20-20,000 Hz. The AJ-1219 AM/FM Stereo Tuner has



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2 μ V sensitivity, low cross modulation and over 60 dB of selectivity. A phase-locked-loop multiplex circuit provides what Heath describes as excellent stereo separation with minimum distortion. The AJ-1219 and the AA-1219 are similarly designed for use together or separately if desired. Mail-order priced at \$109.95 each, the AJ-1219 and AA-1219 are more extensively described in the latest Heathkit catalog which may be obtained free by writing Heath Company, Dept. e/e, Benton Harbor, MI 49022.

Flat Output From 5 Hz to 100 kHz

New from Heath is the IG-1272 Low-Distortion Oscillator. Handy for all audio uses, the unit provides a low-distortion sine wave output over a frequency range from less than 5 Hz to 100 kHz. The IG-1272 offers both pushbutton and variable-frequency operation, the oscillator also has extremely flat output across its entire frequency range. At-



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tenuation accuracy is ± 0.2 dB. Hum and noise are rated at 0.01% or less. The IG-1272 is available in a fully-assembled and tested version, the SG-1272. The IG-1272 and SG-1272 are mail-order priced at \$129.95 and \$190.00 respectively, including cable and clip leads. For more information about these and other test instruments, send for a free copy of the latest Heathkit catalog. Write Heath Company, Dept. e/e, Benton Harbor, MI 49022.

Programmable Drum Set

While most electronic rhythm units offer only a limited choice of pre-deter-

(Continued on page 96)



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Got a question or a problem with a project—ask Hank! Please remember that Hank's column is limited to answering specific electronic project questions that you send to him. Personal replies cannot be made. Sorry, he isn't offering a circuit design service. Write to:

**Hank Scott, Workshop Editor
COMMUNICATIONS WORLD
229 Park Avenue South
New York, NY 10003**

power amplifier, contact Jacob Landy, 11 Gardenia Ln., Hicksville, NY 11801.
 Δ Robert L. Bodine, Jr., 201 W. Azalea Ave., Tampa, FL 33612 needs schematic diagrams for the Hallicrafters S-107 and Firestone Air Chief (Stock 4-A-39) receivers.

Wiper Noise

The noise from my 1974 Subaru windshield wiper comes through my CB set on both receive and transmit. I have hooked both the positive and negative power leads directly to the battery and it doesn't help. What now?

—H. W., Jay, NY

Check out the wiper motor. Sparking brushes can cause a lot of problems. I am not familiar with the Subaru auto, but try this. Oil the linkage to the wiper motor. Heavy loads cause motors to be noisy. Also, one Ford I worked on was corrected immediately when the spring tension (causing the wiper to press on the glass) was reduced. This may not help. In line capacitor filters may be necessary to those wires connected to the wiper motor. One long shot—the regulator may be defective. You'll be surprised how many things you will try before you hit on it.

Dead Line

Where can I get a book on how to repair dial telephones?

—R. W., Spokane, WA

Before you can repair a telephone, you should have knowledge of how it works and be able to troubleshoot to pin-point the fault. I suggest you write to the companies listed below.

Lend A Hand

Here we go again. Our readers can help each other in their hobby activities.

Δ Gary Lenarz, 1424 165th Ave., San Leandro, CA 94578 would like to obtain the operating manual and/or address of the manufacturer (Jackson Electrical Instrument Co.) who made his Model 648G tube tester.

Δ Superior Model TV-11 tube tester operator manual urgently needed by Dan Van Landingham, 223 Durees Rd., North Bend, OR 97459.

Δ Jerry Alexander, 47 Gartley Place, Honolulu, HI 96817 would like to get screen modulator or plans for one for his WRL model 90 CW transmitter so he can work 75 meters AM.

Δ Send the original or copy of an old Model S120 Hallicrafters to Richard H. Miller, Jr., 4334 Wells St., Weirton, WV 26062.

Δ Eric D. Nixon, 304 E. 7th St., No. Manchester, IN 46962 needs the schematic diagram for a Zenith Model C415W (Serial No. F221-7876).

Δ Todd Branstner, 43444 Galway, Northville, MI 48167 would like to get a copy of the owner's manual and schematic diagram for the Sparton Model 930 receiver with an Autorad power converter.

Δ Needed—a Lafayette HB-444/25A receiver instruction manual and schematic diagram, etc. Please send to Steve Bergan, 6015 Syracuse Ct., Pensacola, FL 32504.

Δ If you have an old Sony Model TC-134SD cassette player/recorder not in service, Robert Vincentello of Quimicos 114, Monterrey, N.L., Mexico could use the key assembly, screws and plastic cover.

Δ Wanted—photo copies of Mercury Model 300 Combo Tube Tester and tester operational manual, schematic diagram, tube socket chart and anything else. Please send to Vernon Laureli, 10519 Yale Bridge Rd., Rockton, IL 61072.

Δ Prof. Wm. E. Elmendorf, HU229, Western Washington State College, Bellingham, WA 98229 needs the schematic diagram for the Sony SSA-3 power amplifier.

Δ If you own service manuals for JBL SG-520 preamplifier and JBL SE-440S

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ASK HANK HE KNOWS

Howard W. Sams & Co., Inc., 4300 West 62nd St., Indianapolis, IN 46268
Tab Books, Blue Ridge Summit, PA 17214

Hayden Publishing, 50 Essex Street, Rochelle Park, NJ 07662,

Noisy Trip

My parents and I often go traveling in our car, which is a '74 Chrysler. I have a GE TV-sound/AM/FM radio, and I get a lot of ignition interference. I suggested to my Dad to insert some sort of ignition-noise reducer, but he refuses to let anyone touch the car. Is there something I can do to the radio?

—B. C., Los Angeles, CA

One of the major causes of ignition noise is an improperly tuned engine usually caused by worn parts like plugs and points. Next long trip you take with the folks, start with a full tank of gas. Then record all the gallons of gas used to top off the tank at the end of the trip and divide by the miles traveled. Chances are the mileage is very low, and this may prompt your Dad to do some tuning up which will reduce the interference considerably.

Heading's Wrong

I've been in the radio listening hobby for about six years and need some info on how I could get those last few states for a WAS on the medium-wave bands. I've got about three hundred feet of long

wire outside in the east to west direction so I can pick up these far-out stations on the west coast, but haven't been very successful at it yet. How am I to go about getting the ones I've not yet received?

—R. M., Northhampton, MA

Simple, run the long wire from north to south. Reception is poorest along the axis of the antenna, and best broadside to it. Hope you get your WAS soon.

Short on Cash, Long on Help

Our rural fire department monitors Channel 9, which is also used for emergency fire communications. We can't afford to tie up CB rigs and are in need of inexpensive Channel 9 monitors. Where can we get some cheaply?

—J. H., Sandpoint, Idaho

You can buy inexpensive CB converters for about \$20.00, but do what a emergency ambulance service did recently. They advertised for second hand 23-channel sets that owners were replacing with 40-channel units. They advertised in a local paper (no charge) and put nice looking signs in CB stores. Donaters received receipts indicating value donated for tax purposes. Also, they toasted the good samaritans at their next coffee break.

Hot Lead on Hot Wire

I know a lot about computers and amateur radio circuits, but next to nothing about home wiring. I'd like to do things in by new home but I'm scared to fool around with electrical wiring and cause a fire. Hank, can you recommend a good

book on basic wiring?

—D. B., Farmington, MI

I suggest two books—*Basic Wiring* and *Advanced Wiring*, both published by Time-Life Books and available at bookstores around the country. I read both books and consider myself an "expert". Actually, if it's not in the book, it's not for you to do—call an electrician.

It'll Be Dark Inside

With the coming fuel shortage in the '80's, lights will be dimmer in schools and offices. Hank, we'll all go blind!

—D. M., Cleveland, OH

Abe Lincoln studied by the fireside and he never tapped around the White House with a cane. The light standards of today are made largely by companies or groups representing companies who make lighting fixtures. Did you know that a new office building must be air conditioned all year long because of the heat the fluorescent lights throw off? In fact, opticians are selling a lot of prescription sun glasses for office workers. Don't worry, we won't go blind by the fireside. And maybe we'll find another Lincoln.

Getting a Charge

I would like to do some static electricity experiments for youngsters in my neighborhood. Where can I get a Wimshurst static machine that is not too expensive?

—L. M., Appleton, WI

First reference book I turned to, Edmund Scientific Catalog, has one for only \$30.00 postpaid. It's part no. 70,070, generates up to 75,000 volts. Comes with complete instructions. Also, if you're interested, Edmund Scientific also sells Van de Graff-type electrostatic generators and a Tesla coil. Write to Edmund Scientific at 706 Edscorp Bldg., Barrington, NJ 08007. Tell 'em Hank sent you!

Clear on Clarifiers

I purchased a SSB CB rig with only 23 channels. Actually, one channel is enough for me. My problem is that this rig is the top of its line and it has no clarifier control. The less expensive models in this line have clarifiers. Have I been taken?

—D. Z., Tulsa, OK

Nope! Good transmitters do not need or use clarifiers. This kind of control originated with cheap CB sets. Good "rock bound" sets don't need it!

New DX Club

A few months ago I knew nothing about shortwave radio. I went into a drugstore, saw your magazine, COMMUNICATIONS WORLD, bought it and, suddenly, I was interested in DXing. Now I am starting a Radio Club called "The Midwestern Radio Club." I plan to issue a monthly club paper covering shortwave radio. It will have a few stations spotlighted and will give QSL information and times and frequencies. It will cost \$2.00 to Ohio members and \$3.00 to out-of-state members. The club is strictly non-profit. Also I will recommend that the members buy COMMUNICATIONS WORLD.

—Ron Williams, Editor
Midwestern Radio Club
2870 6th Street

(Continued on page 100)

Q. Which magazine has the widest scope of equipment test reports?

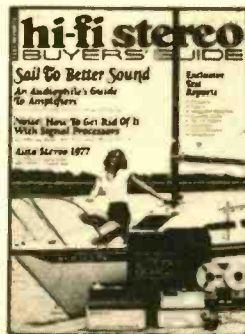
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COMMUNICATIONS WORLD fall-winter '77

DXing is out of this world! This enthusiastic sentiment is expressed in various words and various ways in letters from COMMUNICATIONS WORLD readers. There are an awful lot of you out there in reader-land who know that it is a ball to tune for distant and hard-to-hear stations; that it's a blast to receive a public service band police signal from across town, a broadcast band medium waver from across the nation, a shortwave signal from across oceans. That's DXing, and it is out of this world.

Once in a while, though, someone will ask about *real* Out-of-This-World-DXing, honest-to-goodness listenable signals from outer space.

In a recent issue of CW, I mentioned a scientific experiment of a few years back in which a series of specially coded messages were beamed into space on a frequency that was as nearly "out-of-sight" as the "civilizations" among the stars that might someday hear them. The call went out on 2,381 MHz. To put that into perspective, the very high frequency (VHF) transmissions by your local police department are probably around 150 MHz.

In other words, you can't just walk into your friendly neighborhood radio store, plunk down \$29.95 and tell the guy behind the counter: "Gimme one of your Intergalactic PL-40's so I can DX the Milky Way!" But if you are deadset on trying to hear far-out signals, those who know say your best bet is to hunt for natural radio frequency transmissions from the planet Jupiter.

Little more than two decades ago it was discovered that Jupiter, far out in our solar system, radiates low frequency radio signals and that those signals can be received on Earth, when conditions are favorable, with a relatively unsophisticated shortwave receiver.

These radio signals are not, of course, the work of some alien civilization "out there," but are the natural radiations of the planet itself. The signals, are theorized to be the result of cyclotron radiation; emitted by solar particles, spiraling back and forth, caught in the strong magnetic field surrounding Jupiter.

The stronger the magnetic field surrounding a planet, the higher the frequency of the radio signals emitted by that planet. Jupiter's magnetic field is clearly many times stronger than Earth's. In fact, Jupiter's fields are stronger than those of any other source, except Old Sol, the sun.

The Jovian signals are radiated far more often than those from the sun. Jupiter's radio radiations are not constant, at least they seem to be heard only when one of several signal sources is on a side of the planet facing earth. Still, investigators of the phenomenon say

that reception is possible quite a bit of the time.

What do you need to try your hand at DXing Jupiter? A shortwave receiver is the main tool. If you're a ham radio operator and have a 14 or 21 MHz beam antenna at your disposal, fine. However, it is possible to use a simple dipole antenna or even a long wire when signals are strong.

The signals from Jupiter have been received on frequencies as low as 5 MHz and as high as 50 MHz in the VHF range. Radiated signals are more powerful the



lower the frequency; but they are more prone to absorption by the ionosphere on the lower frequencies.

Scientists who listen for Jupiter's radio signals suggest watching the frequencies on either side of the 5, 10, and 15 MHz frequencies used by the short-wave time-signal stations WWV and WWVH. Also worth watching are frequencies around 16 and 18 MHz.

An added clue may be Jupiter's location in the sky. A nearby observatory, or even an almanac, may give you this information. The higher in the sky Jupiter is, the lower will be the short-wave frequency, and the more constant the signal and stronger the reception.

But what, I can hear you saying, does Jupiter sound like? The signal is very broad, perhaps 2 to 3 MHz wide, covering a much wider span of frequencies than a man-made transmission. Its sound has been described by some as a sort of low pitched growl, by others as the sound of the surf breaking on a beach. You may also hear, superimposed, odd popping sounds.

By Jove, you say, you think you'll try tuning for Jupiter? Fine! You may have a lot of fun in the attempt. You may have some success too, though I make no guarantees. A University of Florida astronomer, who surely knew what he was listening for, managed to pick up Jupiter's radio waves on equipment no more complicated than a Japanese-made portable receiver with a whip antenna. But few SWLs will have the knowhow and the luck to duplicate that feat.

If you are lucky, however, forget about trying to get a QSL! There are no verifications to be had from Jupiter.

Sci-fi fans might have an easier time hearing some of the space satellites circling our globe. Most of the satellite transmissions are telemetry or facsimile signals, and most operate in the very high frequency range between 135.565 and 136.770 MHz.

It is, however, possible to hear the beacon signals of two of Peking's satellites, dubbed China 2 and 3 on 19,995 kHz in the shortwave range. There is the ham radio fraternity's Oscar 6 beacon on 29,450 kHz. And, there are several Soviet ventures, such as Salyut on 15,008 kHz, and Cosmos on 19,150 kHz with CW code signals.

An array of curtain type shortwave antennas at Radio Finland's transmitting center at Pori. Curtain arrays are made of half wave dipoles, strung end to end along a horizontal plane. They exhibit both high gain and low angle of radiation.

Down To Earth Monitoring. Chances are, however, that most of your listening activities will involve stations right down here on Mother Earth . . . if for no other reason than there are so many targets to tune for.

There are two basic types of radio stations operating these days. One type is the broadcaster. The other is the communicator.

Most people, the casual listener as well as the radio hobbyist, are most familiar with the broadcaster. These stations broadcast more or less continuing programs to a general listening audience. The broadcasters include the everyday listening fare on the medium waves, those stations on your normal 540-1600 kHz AM band. The broadcasters also include the wide range of shortwave programers from around the world. There are the broadcasters on the low frequency long wave band which air programs. These are common in Europe and elsewhere abroad, but are not in North America. VHF FM broadcasters are included in this group, as are the VHF and UHF TV stations, which combine video with audio transmissions.

Though they are the most familiar type, they constitute perhaps only a couple of per cent of all the radio transmissions in the world today. The vast majority of radio transmissions belong to the communicators. These stations number in the millions. They don't operate to broadcast the usual program material, news, music, entertainment

and the rest to a general listening audience. They don't seek a widespread audience. Their purpose is to communicate, to send out what are usually short messages, from Point A to Point B, or from Communicator X to Communicator Y. Most of these stations are on the air briefly, only a few seconds to a few minutes at a time. They make their contact, pass along their message or traffic, and then clear off the frequency.

Special types of communicator stations are citizen band and amateur radio operators.

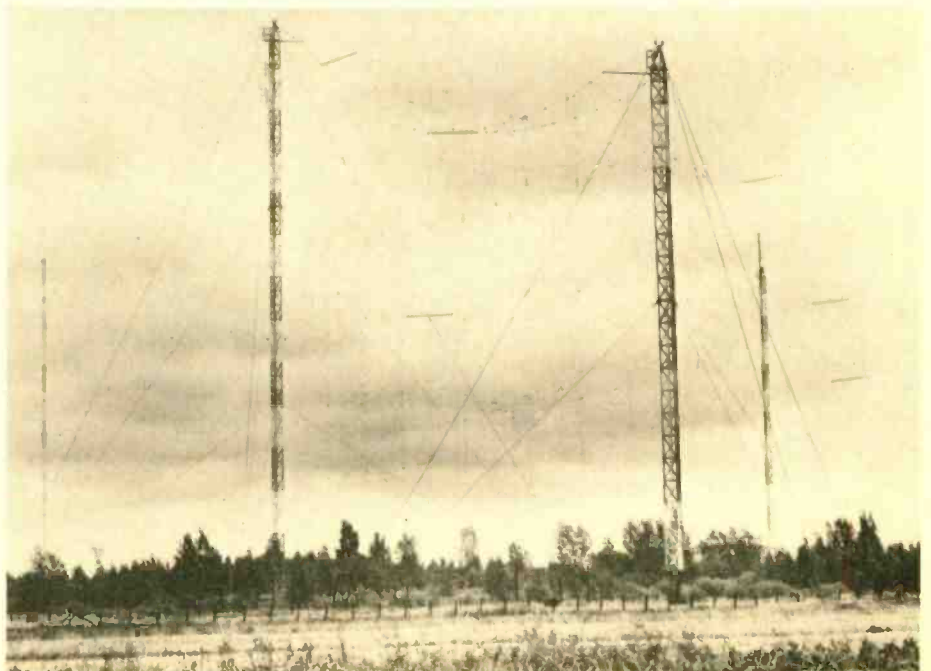
Most communicators are not motivated by private or hobby considerations as are the CBers and hams. Most of these stations are commercial, military or governmental operations.

DX hobby listeners call these stations "utilities," or "utes" for short. They can be found in the very low frequency range and up as high as UHF.

An especially popular type of "utility" listening these days is monitoring the public service "action" bands above 30 MHz.

One reason public service band monitoring on the very high frequency and ultra high frequency channels is so popular is that there is so much good receiving equipment available in a broad price range, from the very cheap to the very expensive.

Many VHF/UHF monitors get their jollies by tuning in on the police and law enforcement bureau communications. But there also are two-way radio communications of other governmental agencies, industrial and business radio, highway truckers, forestry and road crews, cab fleets, railroads, private and



commercial aircraft, mobile telephones, radio paging systems, the weather service and much more.

There are mobile stations: Police squads, taxis, trucks and the like are examples of where you'll find mobile units. Base stations are what you might imagine, those that stay put at a certain location and are used for contacting the mobile "on-the-go" stations. A station located at police headquarters, or at a trucking terminal, are examples of base stations.

A fixed station is like a base station except that its main purpose is to maintain communications with other fixed stations. You will probably find more fixed stations operating on the overseas shortwave point-to-point circuits than on VHF/UHF.

A repeater station is usually a fixed station that receives and retransmits communications, usually automatically, to provide relay operations and, thus, extend the range of a signal. A series of repeater stations could expand considerably the area covered by the signals of a base station.

Another definition you'll need to know is that of the simplex system. A simplex communications system is one in which the parties to a conversation must take turns speaking and listening.

The taxi dispatcher first gives instructions to his driver, then the driver responds with an acknowledgement. A simplex system can be operated on one frequency, or on two different frequencies, one channel used by each of the parties to the communications.

Most of the public service band stations you'll monitor will be using the relatively uncomplicated single channel simplex system. More complicated is the duplex communications system. With this approach to communications, both parties can speak at the same time . . . just as is possible with a telephone.

If you can hear both sides of a conversation without retuning your receiver you know you're listening to a single channel simplex system. If you are only catching half of the traffic, only one side of the communications, you are no doubt tuned to either a two-channel simplex or a duplex system.

There are three public service bands and one aviation band above 30 MHz. One of the public service ranges is UHF; the rest are all VHF.

The very high frequency bands used for base-to-mobile and mobile-to-mobile communications are the low band, 30 to 50 MHz, and the high band, 150 to 174 MHz. The VHF aviation band we'll get to a bit later. On UHF, the frequency range is between 450 and 470 MHz.

There are about 150 different channels in the VHF low band, most of them about 20 kHz apart. On the VHF high band, most stations operate 30 kHz apart, so there are less than half as many channels available. There are nearly 80 different channels, 25 kHz apart, in the UHF mobile radio band.

If there are several million different transmitters using these frequencies, as has been estimated, there are only two reasons why these bands are not total bedlam. The first is that these stations, with their on-the-air, off-the-air operations are not constantly using their assigned frequencies. A number of transmitters, sometimes belonging to several different services or agencies, can share a frequency even within a community, since each actually uses the frequency cumulatively for only a small portion of the day.

The second reason the whole complex system works is that the distance signals travel at the VHF and UHF frequencies is normally very limited.

The latter point is worth noting by action band monitors, particularly those who have had some experience with shortwave listening. Normally you will be receiving those stations that aren't really very far away from your listening post. Day-to-day reception will probably focus on stations located anywhere from a few miles to perhaps 100 miles or so away, depending on the stations' power levels, their antennas—and yours—and the terrain that lies between you and them.

Except for the outside chance of hearing the audio channels of some European television broadcasters on the low end of the VHF scale, around 40 to 50 MHz, don't count on transoceanic receptions, such as is common on the shortwave bands.

But, VHF-UHF DX is possible if you think in terms of hundreds of miles, say up to 15 to 18 hundred miles or so.

HEY CABBIE!

How come you can never find a cab when you need one? Maybe it is because you're not looking on the right channel! Here are some VHF and UHF frequencies used by taxi cab dispatchers:

Freq. (MHz.)	VHF Channel Number	UHF Channel Number
152.270	1	
152.300	2	
152.330	3	
152.360	4	
152.390	5	
152.420	6	
152.450	7	
452.050		1
452.100		2
452.150		3
452.200		4
452.250		5
452.300		6
452.350		7
452.400		8
452.450		9
452.500		10

Signals from that far away can come "skipping" in to your receiver on occasion, thanks to the often difficult to predict vagaries of the ionosphere. But more about propagational factors in a little while.

It is a fairly safe bet that most monitors of the action bands, the VHF and UHF frequencies, get involved in this sort of hobby listening because of police communications. Police, though, is a term that covers a wide variety of law enforcement agencies. Of course there is your local police department; add to these the thousands of county sheriff's departments, local and state highway patrols; state troopers; park and university campus security officers; the FBI and other federal enforcement agents, to name just some of them.

There is a big kick in tuning the police signals in your home area. If you

MOBILE RADIOTELEPHONES

Ever wanted to have a telephone in your car . . . like the private detectives on TV shows always do? A surprisingly large number of people, business and professional men especially, have a mobile radiotelephone at their disposal. These devices rely on the VHF/UHF radio to span the miles. Here are some of the frequencies used. In some instances, particularly on the lower frequencies, the channels are used in certain restricted areas of the country.

VHF Low Band (MHz)					
35.260	35.300	35.340	35.380	35.420	
35.460	35.500	35.540	35.620	35.660	
VHF High Band (MHz)					
152.510	152.540	152.570	152.600	152.630	
152.660	152.690	152.720	152.750	152.780	152.810
UHF Band (MHz)					
454.375	454.400	454.425	454.450	454.475	
454.500	454.575	454.600	454.675	454.700	
454.750	454.800	454.850	454.900	454.950	

live in a large metropolitan center, your police agencies will probably use a number of different VHF and/or UHF channels, keeping most of them occupied and busy for much of the day.

In smaller communities there will, of course, be less radio action on the police frequency. Then you will, admittedly, spend a lot of time listening to dead air—that is, listening to nothing—but when there is action, it can be mighty exciting listening whether small town or big city. In some areas, housewives become addicted to the VHF-UHF action band traffic; real life action becomes more entertaining than the daytime TV soap operas.

Most law enforcement agencies are assigned to frequencies between 37.020 and 46.420 MHz in the VHF low band, and 151.450 and 159.210 MHz in the VHF high band. Narrowing the focus, look around 39, 42 and 45 MHz low band, 154, 155, and 159 MHz high band for police action.

How can you tell which of the three police bands is used by your hometown force? You might ask the radio technician at your local department, or a radio dealer who sells VHF-UHF monitoring equipment in your city will most likely know the frequencies to watch.

If you're reluctant to ask, just eyeball the next passing squad car. What's the length of its antenna? If it is a long buggywhip type of antenna, it is a solid bet that the transceiver to which it is attached operates on the VHF low band, 30-50 MHz. If the antenna is about a foot and a half in length, the high VHF band is the one. And an antenna only a few inches long signifies use of the UHF frequencies. The eyeball test, of course, won't give you the specific, exact frequencies.

There are, however, sources of frequency information. Several firms market specialized lists of public service band stations, their locations and frequencies.

There are the *Police Call* directories, nine different volumes each covering those stations operating in a several state area. These books are marketed by the Radio Shack stores at \$4.95 each.

Less expensive, though sometimes covering smaller geographical areas, are

various specialized lists compiled and sold by Handler Enterprises and the Communications Research Bureau. A stamped, self-addressed envelope sent to either or both firms will bring you a price list and catalogue leaflet explaining the station lists available. Their addresses are:

- Handler Enterprises, Post office Box CC, Northfield, IL 60093.
- Communications Research Bureau, Box 56, Commack, NY 11725.

While police monitoring may be your first love, and the attraction that gets you hooked on VHF-UHF communications monitoring, there are many other DX listening targets available on these higher frequencies.

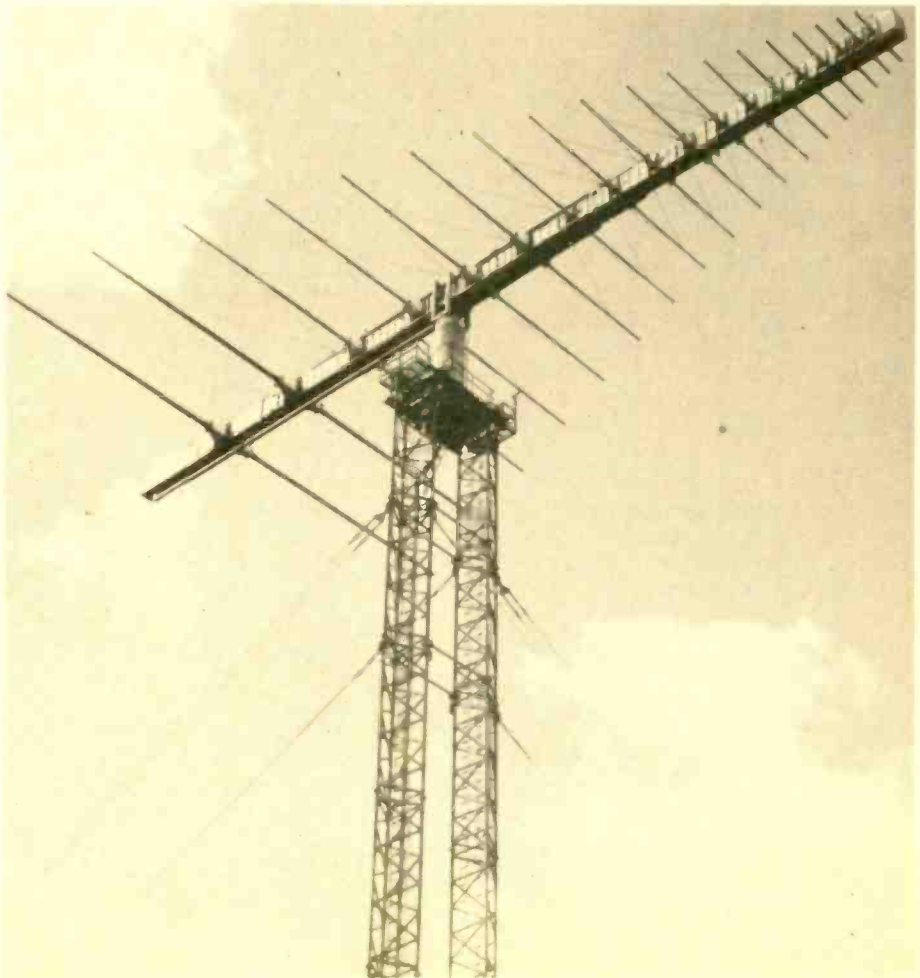
The police agencies are just part of the two-way radio, public safety service. There are the firefighters, which in some areas of the country can be found on frequencies around 33, 46, 153, 154 and 166 MHz. This category would also include communications by highway maintenance, park and forestry crews, National Guard units, local and state

governments, and the like.

There are the business and industrial uses of VHF-UHF communications. There are a myriad of business uses. It may well be that the next time you order a home-delivered pizza the fellow who brings it to your door received his directions by two-way radio. In major factories, the guys who drive the fork lift trucks communicate with their supervisors on VHF-UHF handheld walkie-talkie units. If you live near the Gulf of Mexico, you may hear communications from off-shore drilling and oil pumping rigs—the Petroleum Radio Service is a sub-category of the Industrial Radio Division.

The Wichita Lineman, and other power and light poleclimbers operate their communications as part of the Power Radio Service. Telephone crews have uses for two-way radio communications, and so do motion picture filming crews and television newsmen.

The so-called Land Transportation category of users includes tow trucks and taxi cabs, railroads and intercity buses, city transit systems and trucks of all types, from cross-town delivery vans to huge diesel, semi-trailer trucks haul-



Radio Sweden's signals originate here, from one of three new Allgon log periodic antennas. This type of system achieves both high gain and ultra-sharp directivity.

ing cross-country.

One of the most important uses of VHF radio is marine communication. Boats and ships of all sizes and descriptions, from 16-foot cruisers to coastal steamers, from Coast Guard cutters to huge iron ore carriers on the Great Lakes, from pleasure yachts to Mississippi River barges, use the marine channels from 156 to 162 MHz. These vessels use two-way radio to communicate with each other—ship-to-ship traffic. They use VHF to contact shore stations—ship-to-coast. The communications involve port operations, navigation, inter-ship safety, commercial and personal traffic.

You don't have to live near the ocean to tune the VHF marine band action. Inland there are countless boats and larger craft that ply the navigatable waters, both lakes and riverways.

There are, on shore, limited coast stations, which normally run more power than their shipboard counterparts, and therefore may be heard over somewhat greater distances. These stations normally are special purpose operations. A yacht club, for example, may serve its members and visiting boaters; private mariners may operate ship-to-shore facilities for the benefit of customers. A barge company may rely on VHF to keep track of its lumbering craft being tugged or pushed on the river arteries. There are controlling stations at waterway locks and dams to keep the water traffic moving smoothly.

Another type of shore station is the public coast station. These operations provide telephone links for boats and larger vessels alike. Using a two-channel duplex transmission system, they provide two-way radiotelephone connections between the ship and shore.

VHF radio channels are used to make the over-water connection. Then the communication is patched into normal landline telephone facilities for local or long distance calls.

A good number of these public coast stations—and like other types of marine radio operations, you'll find them in business on the inland waterways as well as along the seacoasts—are operated by telephone companies. The marine radiophone system is, of course, a natural extension of regular telephone service. Some operations, however, are private concerns not connected with the Bell or General Telephone networks, though they tie into them for the land portion of the connection. Naturally, there is a charge to the users of the ship-to-shore telephone linkups.

The very high frequency (VHF) channels used for the marine radiotelephone services are 157.200, 157.225,

157.250, 157.275, 157.300; 157.325, 157.350, 157.375 and 157.400 MHz, for the ship-to-shore half of the duplex system. These frequencies are paired, respectively, with the following frequencies for the shore-to-ship reply channel: 161.800, 161.825, 161.850, 161.875, 161.900, 161.925, 161.950, 61.975 and 162.000 MHz.

An important frequency for monitors of the marine band is Channel 16, 156.800 MHz, the common calling channel which is also monitored regularly by the Coast Guard and many boaters for safety and distress communications. Theoretically, this channel is monitored by all stations in the marine communications service.

Another frequency worth watching is Channel 6, 156.300 MHz, which is the ship-to-ship safety channel.

Among the channels used by the United States Coast Guard for marine communications are 138.70 MHz, used for primary communications between USCG cutters, and 143.280 MHz, used for auxiliary cutter communications. Other active Coast Guard frequencies include 157.050 (Channel 21), 157.100 (Channel 22), 157.150 (Channel 23), and 157.175 MHz (Channel 83).

On inland river waterways, including the Mississippi River system, you may hear the signals of the U.S. Army Corps of Engineers stations at various locks and dams on Channel 14, 156.700 MHz. The Corps of Engineers also makes use of Channel 82, a frequency of 157.125 MHz.

Most of the traffic is routine, the day to day communications of working ships and pleasure boats. But now and again there is an emergency at sea and, if you're monitoring the right channel at the right time, you can get swept along by the action, the exciting listening on the VHF marine band.

Do you ever watch the TV show, "Emergency?" If so, you know it is a series that dramatizes the activities of the paramedics. Around the country, in growing numbers, the paramedics provide surprisingly sophisticated, emergency medical service in the field, away from hospitals and trained hospital staffs. Paramedics, while extremely well trained for their jobs, are not physicians. They take their directions from doctors at the base hospital by VHF and UHF radio.

In addition to voice communications with their hospital bases, on occasion paramedics rely on radio to transmit the electronic diagnostic impulses triggered by a patient's vital signs. This data transmission is called telemetry. A paramedic, for instance, can transmit by radio the electrocardiogram indicating

HIGHWAY CREWS

Whether they are plowing the snow off the roads in Idaho or painting a stripe down the center of a Florida highway, the municipal, county and state road crews maintain radio contact with their supervisors back in the highway garage. Here are some of the VHF and UHF frequencies used by highway maintenance crews; frequencies in MHz:

VHF Low Band	VHF High Band
37.900	151.025
37.940	151.040
37.980	151.055
45.720	151.070
45.760	151.085
45.840	151.100
47.020	151.115
47.040	151.130
47.060	151.205
47.080	151.460
47.100	156.060
47.120	156.225
47.140	156.240
47.160	156.950
47.180	156.990
47.200	157.290
47.220	159.045
47.260	159.075
47.280	159.120
47.300	159.180
47.320	159.195
47.340	
47.360	UHF Band
47.380	452.850
47.400	453.450
	453.975
	458.050

the patient's heart activity.

When monitored by the action band listener, this telemetry may sound like a high pitched, but varying tone. Received at the hospital base, that signal is fed into a cathode ray display device that will register a trace that a doctor can analyze. The physician can then instruct the paramedic team in the field on what immediate medical care measures to begin.

The lives of heart attack victims that might otherwise be lost can—and frequently are—saved by paramedics, linked to a doctor's expertise by means of voice and telemetry radio signals.

The Federal Communications Commission has designated eight pairs of ultra high frequency channels for paramedic telemetry use. These channels are known as Med-1 through Med-8. Each of the hospital base stations frequencies is paired with a field use frequency, just five megahertz higher in frequency.

Channel Designation	Base Frequency (MHz)	Mobile Frequency (MHz)
Med-1	463.000	468.000
Med-2	463.025	468.025

COMMUNICATIONS WORLD

Med-3	463.050	468.050
Med-4	463.075	468.075
Med-5	463.100	468.100
Med-6	463.125	468.125
Med-7	463.150	468.150
Med-8	463.175	468.175

VHF frequencies worth checking for other emergency medical services include 47.500 and 155.100 MHz, and other channels in their vicinity.

Many VHF monitors are familiar with the 24-hour-per-day operations of the National Weather Service stations. These broadcast frequently updated weather information, forecasts and advisories. They are located in dozens of communities across the country, in all 50 states. While they have a range of about 50 miles or so, and thus there are numbers of areas which are located too far from one of these outlets to hear their signals, they do provide current weather data for millions of Americans. Depending on the particular station and location, the NWS stations transmit on 162.400, 162.475 or 162.550 MHz.

Not as familiar to most public service band monitors as the weather stations are the VHF transmissions of other agencies of the United States government.

The government's own watchdog of the airwaves is the Federal Communications Commission. It's "Strike Force" units use 167.075 MHz as a prime channel of communications. And the FCC also reportedly uses 172.050 and 172.800 MHz.

Here are some other frequencies on which you may be lucky enough to hear VHF traffic from government agencies.

- U.S. Coast and Geodetic Survey: 164.025, 164.075 and 173.075 MHz.
- National Park Service: 165.975, 166.300, 166.850, 166.900 and 166.925 MHz.
- U.S. Forest Service: 168.625 MHz.
- Bureau of Indian Affairs: 167.125 MHz.
- Veterans Administration: 166.20 MHz.
- U.S. Postal Service: 12.225, 164.915 MHz.
- Environmental Protection Agency: 164.450 MHz.

The sign reads Sveriges Radio. Called the Broadcasting House, this is the home of Radio Sweden. They issue program schedules four times a year; which can be yours by writing to R. Sweden: S-10510, Stockholm.

- National Security Agency: 32.690 MHz.
- U.S. Department of Agriculture: 167.188, 167.268 MHz.
- Civil Air Patrol: 143.900, 148.150 MHz.

High-In-The-Sky-DX. Do you remember the problem with aeronautical radio communications when a small group of Balkan nationalist skyjackers commandeered a U.S. domestic airliner in the fall of 1976 and ordered the craft to fly to Paris? It was just not equipped with the necessary radio equipment for a trans-Atlantic flight. The reason for this is that while the long haul overseas flights utilize shortwave frequency radio, domestic flights use the shorter-range VHF signals. Still, as a monitor, you'll find that reception of VHF aeronautical stations aboard the planes is possible over a range of several hundred miles.

There are, however, some distinct differences between aero communications and the public service VHF-UHF signals.

First, the aeronautical communications are carried out on a completely separate set of VHF channels—between 108 and 136 MHz. Secondly, unlike the higher-in-frequency public service stations, the aero communicators use amplitude modulation (AM), not frequency modulation (FM).

On these frequencies you'll find transmissions of in-flight aircraft from single engine private planes to huge commer-

cial jet liners. If you don't live too far from an airport, you'll also hear the ground stations, the control towers and air traffic control operations.

The first ten megahertz of the band, from 108 to 118 MHz, are of little use to the average monitor, since they have been set aside for navigational use. If you do hear signals here they are more apt to be the electronic tones associated with guidance and landing systems than voice communications. Roughly the next ten megahertz of the aero band are used by ground stations that control traffic at and near the airfields, and the aircraft themselves. The top end of the band is generally used by ground stations that communicate with en-route aircraft. Private aircraft can usually be found between 122 and 123 MHz. The universal channel used for emergency communications by aircraft in distress is 121.500 MHz.

While you probably will need to invest in a special receiver to tune the 108-136 MHz aeronautical VHF band (or you may choose one of the multi-band portables covering both the aero and one or more of the VHF public service bands) this equipment need not be expensive at all.

If you live near an airport, you may find quite a bit of related radio traffic on your regular VHF monitor receiver. Airport ground facilities often use these frequencies. These may include airport security units, firefighting teams and ground crews with hand-held walkie-talkies. Many private pilots use Citizens Band Class D channels in the 27 MHz shortwave band, plus the UHF



Class A CB band.

There are, therefore, a lot of different ways you can get in on some of the radio action with the guys who fly!

On The TV And FM Bands. So far we've only considered the VHF and UHF communicators, the so-called "utility" stations. But higher-freq. freaks should not forget the very real DXing possibilities on the VHF-UHF broadcasting bands.

Apparently there are a lot of otherwise tuned-in turned on VHF-UHF monitors who have completely ignored the DXing possibilities on your good ol' fashioned, ordinary, everyday FM

bands and TV channels.

Television stations in the western hemisphere occupy two distinct and separate VHF bands and one UHF band. Channels 2 through 6 have their audio and video channels between 55.250 and 87.750 MHz. Channels 7 through 13 occupy the space between 175.250 and 215.750 MHz. On UHF channels 14 through 83, the frequency range is 471.250 to 889.750 MHz.

The FM broadcasting range begins at 88 MHz, just above TV channel 6, and 108 MHz, just below the aeronautical VHF band.

One reason why you may not have considered the possibilities of FM and TV DXing is that the normal run of reception is, like all VHF and UHF, local in nature. Familiarity breeds contempt. You're so used to considering your TV and FM as entertainment media, you may never think of the DX hobby possibilities. But just as you may have already noted distant signals from police communications stations or taxi dispatchers located halfway across the country, during your action band monitoring, such long haul TV and FM reception is also very possible.

While relatively short range reception of TV and FM signals is the normal situation, when there are abnormal propagation factors at work, distant reception can be experienced.

Perhaps it is time to get at the more or less unusual situations which make possible all VHF and UHF reception beyond the normal short ranges. These phenomena apply to reception of signals on the aeronautical and public service VHF-UHF services as well as to television and FM broadcasting.

All radio reception beyond the purely local area of the station involves a reflection or bending of the signal back to earth at points some distance away from the origin. This is because radio



This listening post belongs to Scott Rambo, Shelbyville, Tenn. And that, of course, is Scott tuning his GE portable multiband receiver which covers both medium and shortwaves. He has stations in 30 countries verified and rates his best catch as Radio New Zealand on shortwave. On the medium waves, Scott has tallied 15 states and two Canadian provinces.

signals travel in straight lines from the transmitting antenna. At the horizon, the signals shoot off toward space. Distant reception beyond the electrical "line of sight" from the transmitting antenna require some phenomenon "out there" that will turn the signal back and send it earthward again.

Generally, but not always, the phenomenon involved with this "turn around" of the radio signal is caused by various belts of ionized gases that girdle the globe in the ionospheric region, that zone in space beyond the limits of our atmosphere.

On the shortwave frequencies and lower, the ionized layers above the earth's surface serve as mirrors, reflecting the radio signals back to earth at distant points. Thus international shortwave reception for many thousands of miles and around the world is not only possible, it is an everyday occurrence.

But normally, when the higher fre-

CIVIL AIR PATROL CALLS

Civil Air Patrol networks in each of the states use unusual code name identifiers, different ones for base and aircraft use. National CAP tactical calls are Aero and Aeronaut.

State	Base Tactical Call	Aero Tactical Call
Alabama	Golden Rod	Ram Rod
Alaska	Sourdough	Aurora
Arizona	Thunderbird	Tomahawk
Arkansas	Dogwood	Diamond
California	Whitebear	Brownbear
Colorado	Pikes Peak	Blue River
Connecticut	Nutmeg	Rocket
Delaware	Gabby	Barfly
Georgia	Red Star	Blue Star
Florida	Sparrow	Eagle
Hawaii	Firebrand	Hiboy
Idaho	Magpie	Hornet
Illinois	Red Fox	Blue Fox
Indiana	Red Fire	Green Fire
Iowa	Corn State	Cyclone
Kansas	Jayhawk Post	Jayhawk Bat
Kentucky	Middleground	Jet Pilot
Louisiana	Magnolia	Pelican
Maine	Pinetree	Pineayr
Maryland	Plant	Jet
Massachusetts	Freedom	Clipper
Michigan	Red Robin	Blue Robin
Minnesota	Star Fish	Cat Fish
Mississippi	Mocking Bird	Snow Bird
Missouri	Blue Bird	Black Bird
Montana	Father	Angel
Nebraska	Wigwam	Meadowlark
Nevada	North Wind	Red Spider
New Hampshire	Profile	Saucer
New Jersey	Zigzag	Aircap
New Mexico	Pueblo	Navajo
New York	Empire	Wildcat
N. Carolina	Red Dog	Mad Dog
N. Dakota	Blackfoot	Mohawk
Ohio	Blackhawk	Whitehawk
Oklahoma	Sooner	Gaswell
Oregon	Beaver Fox	Beaver Bird
Pennsylvania	Keystone	Flight Stone
Puerto Rico	Oubeaooke	Pava
Rhode Island	Rhody	Air Rhody
S. Carolina	Kiddie Car	Box Car
S. Dakota	Dakota	Cheyenne
Tennessee	Blue Chip	Gold Chip
Texas	Eagle Nest	Blue Eagle
Utah	Uncle Willie	Uncle Able
Vermont	Pico	Mansfield
Virginia	Blue Flight	Red Flight
Washington	Fur	Ash
West Virginia	Lowland	Highland
Wisconsin	Beggar	Buzzard
Wyoming	King	Jack

TV CHANNELS AND FREQUENCIES

Channel	Video/Audio Freq. (MHz)	Channel	Video/Audio Freq. (MHz)
2	55.250/59.750	7	175.250/179.750
3	61.250/65.750	8	181.250/185.750
4	67.250/71.750	9	187.250/191.750
5	77.250/81.750	10	193.250/197.750
6	83.250/87.750	11	199.250/203.750
		12	205.250/209.750
		13	211.250/215.750

The UHF TV channels begin at Channel 14 (471.250/475.750 MHz) and continue with audio and video channels six megahertz apart up to Channel 83 (888.250/889.750 MHz). Many other countries not only use different transmitting standards (positive or negative video modulation, number of scanning lines, channel width, etc.), but also have a different channel arrangement. In the United Kingdom there are 14 VHF TV channels running from 45.000 MHz to 216.250 MHz. In much of Continental Europe there are 12 channels, 48.250 to 229.750 MHz. France has 11 channels from 52.400 to 201.700 MHz. Italy, Russia, Morocco, Australia, New Zealand and Japan all have their own "channels" to add to the confusion. So if you plan to travel abroad, forget about taking your American made portable TV with you!

quencies are involved—as a handy reference point, those above 30 MHz—the ionized reflective layers are not electrically “dense” enough to serve as a signal reflector. And so, VHF and UHF signals pass right through the layers on into space to be lost forever. This means short range reception of these signals is the norm.

On occasions, and they aren’t as rare as you might suppose, one or sometimes more of the ionized layers (usually the so-called “E layer”) becomes sufficiently ionized to serve as a reflector of VHF frequency signals. Because this phenomenon occurs irregularly and, in terms of geography, is spotty, it is generally called Sporadic E reception. Because the distant signals come bouncing back down from the ionosphere, TV-FM DXers call it “skip.”

Sporadic E skip normally will produce distant reception from stations more than 500 miles away and not usually more than 1,500 miles. It is most often observed on the lowest television channels (and, of course, the still lower in frequency VHF 30-50 MHz low band), up into the FM broadcasting range. On rare occasions it affects TV signals on Channel 7 and a bit higher.

There are other natural causes of ionospheric altering that can bring distant FM and TV signals skipping in from far away. These include the effects of meteor showers and the Northern Lights. But they normally are not as significant as the basic sporadic E skip.

The second major phenomenon that can bring in far-off signals is tropospheric bending, known to TV-FMers as tropo or trop. Tropo, DXers have discovered, is especially useful because it fills in the “gaps.” Whereas E skip rarely will bring in stations located closer to you than about 600 miles, tropo does its job best over the shorter hauls, though 1,000 mile, even 1,500 mile reception has been reported via this mode.

And whereas E skip rarely affects the frequencies on or above TV channel 7, and never provides long haul UHF re-

ception, tropo’s benefits are just the opposite. Tropospheric bending of signals will bring in distant UHF stations, those on TV channels 7-13 and the FM broadcasters. But tropo doesn’t do much for channel 2-6 television.

In short, then, between sporadic E skip and tropospheric bending, you’ve got all the frequencies covered.

Tropo is different from E skip in a basic way. As you’ll recall skip involves the ionospheric layers outside the Earth’s atmosphere. Tropo is caused by weather factors within our atmosphere and is associated with weather “fronts” and the inversion of temperatures. What seems to happen is that when, along a weather front, warm temperatures ride over a colder region, a duct is created which “pipes” a radio signal back to earth far from the transmission point.

E skip reception can occur any time during the year, but it is more common during the summer months. In the southern States E skip can be noted as early as April. Peak months for skip reception are June and July. Things drop off after August, but there is a minor E-skip season in December and January. E-skip reception can, during these periods, occur any time during the 24-hour period, but is less likely between local midnight and dawn and during the several hours on either side of your local noon.

Tropospheric bending occurs most often in spring and fall, when temperatures tend to fluctuate the most over a daily period. Early morning and evening seem to be the optimum times.

How To Bring 'Em In. If all that TV and FM DX is there to be received, how come I haven’t? After all, I watch

TV and listen to my FM stereo all the time!

Good questions, those! The answer is that very likely you have received distant FM and/or TV stations in the past, but never well enough for you to be aware of what you had tuned. You very likely just considered it some unexplained interference.

On television, if your local channels are quite strong, the intruding distant signals often will just appear as black bands of interference on the screen. You’ve probably cursed this DX condition for spoiling your reception of Charlie’s Angels some night.

Now it is not always possible to convert this interference on your local station channels into an identifiable picture and/or sound. Usually it will be easiest to receive TV DX on a channel that is, in your community, empty of local stations. Unfortunately, in the largest metropolitan areas “empty” channels are ultra-scarce!

So, for most TV DXers, the antenna system will dictate how much real DX you’ll be able to pull in—and identify—on the snow bands. The most important factor is an antenna rotor. You want to be able to rotate your antenna, not so much as to be able to point it in the direction of the distant DX TV station as to rotate the antenna for minimal pick of your local (and for the period of your DXing, unwanted) station.

Let’s consider a typical E-skip situation. It is a warm evening in mid-June and you’re watching your favorite program on your local channel 3 station. Suddenly, on the screen you see a wide, smearing black band interfering with the signal. It fades rapidly in and out, causing extreme interference one minute, moderate interference the next. The audio is distorted and you can tell an-



A bi-racial team of announcers presents a program over ETLF, Radio Voice of the Gospel in Addis Ababa, Ethiopia. This station has a fine record of QSLing. Send your SWL reports to them at P.O. Box 654, Addis Ababa.

other signal is mixing with that from your local program.

After a few minutes, the average TV watcher would simply give up, switch off the set and go to bed, complaining to neighbors the next day that "interference really loused up the TV last night."

You, however, are wise to what the interference really means. So, you dash over to your antenna rotor control box and begin to turn the antenna up on the roof. As the antenna turns you find a spot where reception of your local station gets weaker. This gives the distant station a better chance to break through.

Sure, the fading is extreme, but for many seconds at a time, perhaps even minutes, the picture is strong and dominant on the channel. Then it may get weaker for a while, only to return again powerfully.

What's that? You saw that TV show an hour ago? Right! The station your'e watching is one time zone to the west of you where network programs are delayed an hour. Because of the fading, the color often isn't true—the hero has a green face one moment, purple the next, but at times the picture is perfect. If the color variance bothers you, switch off the color control and watch your TV DX in glorious black and white. You may find it easier to view it that way.

Then comes the ID break on the hour and you're able to identify the signal as being from a station 1,200 miles away! Wow!

Next, as long as the E-skip phenomenon holds out, you switch to channel 2, which is a clear frequency in your area. There's another distant station, from the same general area of the country as your channel 3 catch. You've got less interference on this frequency, so the TV DX station is a bit easier to receive.

If it is a particularly good opening, you may find stations skipping in on the higher channels, say 4, 5 and possibly 6. In some cases you'll find nothing but a muddle of interference on a channel, even though you have no local outlet on that frequency. Sporadic E conditions may be widespread enough to cause two or more distant stations, operating on the same channel, to come in. One of them might be dominant one minute, another station may take over the next, with nothing but a total jumble of mixing signals the next.

Tropospheric bending produces signals that are, perhaps, not so brilliantly strong as E-skip signals can sometimes be, but then, tropo conditions tend to produce steadier TV DX reception.

Distant TV reception can last for minutes at a time, or hours. Sometimes you may note and identify one or two stations in an "opening." On another occasion there may be a dozen over the course of several hours. Sometimes the interference will be so terrible that you won't have the opportunity to identify any of the stations that fade in and out of the "mess" on your screen. During the summer months, you may receive distant TV signals four or five times in a week. At other times you may go for several months without seeing anything unusual on your TV.

Most of the factors involved in TV DXing also come into play when you tune distant FM signals . . . except, of course, there is no video picture to worry about. There is no shortage of potential DXing targets on the 100 FM channels. Dr. Bruce F. Elving, the recognized authority on FM DXing has, over a period of many years, received more than 1,100 FM stations, roughly one-third of the commercial and educational FMers in the country, from

his Minnesota home.

One of the best publications for the FM DXer is Elving's "FM Atlas and Station Directory," available for under \$3 from FM Atlas, Box 24, Adolph, MN 55701.

A similar type publication, intended for the Television DXer is the "WTFDA TV Station Guide," published by the Worldwide TV-FM DX Association, P.O. Box 202, Whiting, IN 46394. The guide, complete with maps showing locations of stations on each of the TV channels, costs \$5.

WTFDA is, incidentally, a listening hobbyist's club devoted to TV, FM and UHF-VHF DXing. It publishes a monthly bulletin packed with info of interest to those who favor the higher bands.

What about QSL's, you ask?

The situation is much the same as with other types of stations. Some FM and TV outlets will verify correct reception reports. Some don't. Correct, interesting reports often will elicit a reply from the station. Some stations,

LATIN AMERICAN TELEVISION

Under the right conditions, described in the text, long distance television reception is possible on the lower TV channels. This means Latin American TV reception is possible in the southern part of the U.S. and reception of Cuban and Mexican stations can occur in much of the rest of our country. Here are some possible targets for U.S. DXers.

Country	Station	Channel	
Barbados	Caribbean Broadcasting Corp.	3	
Costa Rica	Co. Costarricense de Television	2	
	Radio Television Tic-Tac	4	
Cuba	Television Nacional Canal		
	Havana	2	
	Ciego de Avila	2	
	Santiago de Cuba	2	
	Holguin	3	
	Camaguey	4	
	Santa Clara	5	
	Havana	6	
Camaguey	6		
Dominican Republic	Radio Television Dominicana	4	
	Corp. Dominicana de Radio y TV	2	
El Salvador	Canal Dos YSR-TV	2	
	Canal Cuatro YSU-TV	4	
Guatemala	Radio Television Guatemala	3	
Mexico	XHIA, Torrejon	2	
	XEPM, Ciudad Juarez	2	
	XHCH, Chihuahua	2	
	XEW, Mexico City	2	
	XEFE, Nuevo Laredo	2	
	XHBE, Mexicali	3	
	XEFB, Monterrey	3	
	XEZ, Cerro del Zamorano	3	
	XHY, Merida	3	
	XHTV, Mexico City	4	
	XHBS, Ciudad Obregon	4	
	Nicaragua	Televicentro de Nicaragua	2
	Puerto Rico	Telemundo, WKAQ-TV	2
		WIPM-TM	3
		WAPA-TV	4
WORA-TV		5	

COMMUNICATIONS WORLD

especially those on the lower VHF TV channels, 2, 3 and 4, which frequently "skip" to all parts of the nation and are frequently reported, have their own printed QSL cards.

Here at DX Central we've managed to receive and verify over a hundred stations on TV channels, from Idaho to Florida, Maine to New Mexico, Canada and Mexico; and that is not an especially good record. In the southern part of the U.S., reception into Central and northern South America is possible. Top TV DXers number their catches in the hundreds!

Another verification technique involves taking photographs of the ID panels you view on your screen during DX openings. Those who have experience with this type of photography say that TV photos are possible even with inexpensive fixed focus cameras, although it is easier with the better cameras. Use a fast, black and white film, with an ASA-400 rating recommended. Focus with the image of the TV screen filling the entire picture. Never use flash, since the reflection from the screen will "washout" your photo. The light from the TV screen is sufficient. Never shot at faster than 1/30th of a second . . . it takes that long for the complete TV picture to be scanned.

It will probably take some experimentation to get good, clear photos of TV DX.

All About SWL'ing. Bet you thought—with all the attention to the very and ultra high frequencies—that I'd forgotten all about shortwave and shortwave listening. Well, if you did, that just goes to show how wrong some people can be. Forget about SWLing? Why there's about as much chance of that happening as there is that I'd forget my own name.

What's my name? Don't get smart, buster!

Seriously, for a large percentage of radio listening hobbyists, shortwave listening *is* the name of the game. So, being always game for the game, I was all set to plow ahead and talk about shortwave listening, but then *it* happened. The mailman came in with the stack of morning mail and four letters brought me up short.

Letter No. 1 read, in part; "I enjoy CW and think most of the articles are interesting, but some of the basic tips get repetitious."

From Letter No. 2: "I started listening in March 1976. Months went by and I bought COMMUNICATIONS WORLD and began to understand the 'art of DXing.' But I still have growing pains, or should I say, DXing pains."

And Letter No. 3: "I feel things are going downhill with the constant repetition taking up so much of the magazine."

Finally, the writer of Letter No. 4 said: "Don't be discouraged by your readers who are advanced SW listeners and who comment that much of the information contained in CW is elementary. There are a lot of people out there, like myself, who need all the help they can get. Also, in any discipline, the more knowledge one obtains in a field of study, it becomes necessary to read a lot of already known information to ferret out something new to advance one's knowledge. In other words, keep up the good work."

Those letters illustrate the continuing problem faced by COMMUNICATIONS WORLD. While many of you out there in reader-land are faithful, regular CW fans, bless you all, there are many others of you who have picked up your first copy of CW. Many COMMUNICATIONS WORLD readers are old timers in the hobby of shortwave listening. We hear from some of you who have been "into" radio as a hobby for 50 or 60 years. Then we've got many readers who have been listening to SW for 40,

30, 20 or 10 years. Others have been SWLs for a few years, or a few months. Finally, there are brand new hobbyists who happened, by chance or some catchy artwork on the cover of this magazine, to pick up this issue and are, as they read this, wondering what SWLing is all about.

How do I include in CW something for all of you? So, I try to, like the bride, include a little something old and something new. And if I miss something along the way, drop a line and ask a question. Maybe next time, half a year from now, it will turn up in the next issue of COMMUNICATIONS WORLD.

With that, let's turn our attention to SWLing—and, first, how to be an SWL, and, second, how to be an *expert* SWL.

Shortwave listening is a fascinating, rewarding hobby. It is equally fascinating and rewarding for the casual, beginning listener and the involved, dyed-in-the-wool SWBC DXer. It is your chance to sit comfortably at home while you cruise the world in your easy chair listening to strange and exotic programs from far away. It can be a challenge to learn, or simply a terrific way to relax after a tough day on the job.

To the beginner, SWLing seems a deep dark mystery. It isn't, really. All you need is information. The secret—and not much of a secret at that—to picking up the necessary information about DXing is to keep your ears, your eyes and your mind open!

Let's rap about SWLing and DXing.
What is DXing?

Listening to distant stations as a hobby. What is distant? It depends! DX on the VHF-UHF frequencies, as you've already learned, might be a station 300 or 400 miles away. On short-



This modern and attractive building besides a reflecting pool is the television technical center in Moscow, U.S.S.R. 1500 relay stations carry its programming to the more than 64,000,000 viewers.

wave it could be a station 3,000 or 4,000, or 12,000 miles away.

But distance isn't the whole story. It is hard to find a more distant shortwave station than Radio Australia. Yet, RA isn't a particularly difficult catch because of the considerable power of its SW transmitters, the fact that many of its programs are beamed in our direction, and its rather extensive English language program schedules. Much tougher, for example, are the programs of a station like Radio Huayacocotla, a small station on an out-of-the-way frequency of 2,390 kHz, broadcasting in Spanish from a small town in Mexico. So DXing can, by one definition, involve both distance and difficulty of reception.

What is the difference between a DXer and an SWLer?

There are several more definitions you might want to consider. A DXer is a broader term than SWL, according to some. An SWL or short wave listener is a DXer, they say, but only one type of DXer. Can't a VHF-UHF action band monitor be considered a DXer? How about those who tune the TV snow bands being DXers? Then there are those who prowl the FM band, or the regular AM medium wave, 540-1600 kHz, band, or the long waves or whatever. An SWL, according to this definition, is merely a DXer who tunes the shortwave frequencies, from just above the AM medium waves to about 30 MHz.

There are others who say that an SWL is one who tunes the shortwave bands for stations because he wants to listen to their programs. So why else would one listen? Well, this second group says, the honest-to-goodness DXer really doesn't care so much about actual program content. He is interested in hearing a station only because it is difficult to hear. An SWL is happy hearing the programs from the same sets of stations time after time. The DXer always is looking for the challenge of hearing a new and difficult-to-log station.

There are still others who say the terms DXer and SWL are virtually synonymous.

So who is right?

So who really cares? Call yourself what you want, DXer or SWL. Why argue definitions? It's the listening that matters, right?

How many shortwave DXers are there?

Wish I knew! I'd sell that bit of marketing info to the big electronic manufacturers for a nice pocketful of change. It's a nebulous figure, fluctuating with one's definition of what a

LOCAL TIME VS. GREENWICH TIME

Greenwich Mean Time	EDT	EST/CDT	CST/MDT	MST/PDT	PST
0000	8 p.m.	7 p.m.	6 p.m.	5 p.m.	4 p.m.
0100	9 p.m.	8 p.m.	7 p.m.	6 p.m.	5 p.m.
0200	10 p.m.	9 p.m.	8 p.m.	7 p.m.	6 p.m.
0300	11 p.m.	10 p.m.	9 p.m.	8 p.m.	7 p.m.
0400	Midnight	11 p.m.	10 p.m.	9 p.m.	8 p.m.
0500	1 a.m.	Midnight	11 p.m.	10 p.m.	9 p.m.
0600	2 a.m.	1 a.m.	Midnight	11 p.m.	10 p.m.
0700	3 a.m.	2 a.m.	1 a.m.	Midnight	11 p.m.
0800	4 a.m.	3 a.m.	2 a.m.	1 a.m.	Midnight
0900	5 a.m.	4 a.m.	3 a.m.	2 a.m.	1 a.m.
1000	6 a.m.	5 a.m.	4 a.m.	3 a.m.	2 a.m.
1100	7 a.m.	6 a.m.	5 a.m.	4 a.m.	3 a.m.
1200	8 a.m.	7 a.m.	6 a.m.	5 a.m.	4 a.m.
1300	9 a.m.	8 a.m.	7 a.m.	6 a.m.	5 a.m.
1400	10 a.m.	9 a.m.	8 a.m.	7 a.m.	6 a.m.
1500	11 a.m.	10 a.m.	9 a.m.	8 a.m.	7 a.m.
1600	Noon	11 a.m.	10 a.m.	9 a.m.	8 a.m.
1700	1 p.m.	Noon	11 a.m.	10 a.m.	9 a.m.
1800	2 p.m.	1 p.m.	Noon	11 a.m.	10 a.m.
1900	3 p.m.	2 p.m.	1 p.m.	Noon	11 a.m.
2000	4 p.m.	3 p.m.	2 p.m.	1 p.m.	Noon
2100	5 p.m.	4 p.m.	3 p.m.	2 p.m.	1 p.m.
2200	6 p.m.	5 p.m.	4 p.m.	3 p.m.	2 p.m.
2300	7 p.m.	6 p.m.	5 p.m.	4 p.m.	3 p.m.

DXer really is.

You're fooling around with definitions again!

Guilty, your Honor! But it is hard to count the DXers because it is hard to define a DXer. Every year there are millions of radio receivers sold which are capable of tuning at least a part of the shortwave spectrum. But are the owners of all these receivers SWL fans?

In the various U.S. and Canadian DXing hobby clubs, these are the real hard-core hobbyists, there are perhaps 2,000 to 3,000 members. Surely these are DXers. But there must be many more who are not members of hobby listeners' clubs.

The actual number of DXers is somewhere between a few thousand and many millions. But since being a DXer is a state of mind, you are one when you say you are one. Until someone goes from door to door, talking to every person who owns a set capable of tuning SW, to ask, "Are you a DXer?" we won't really know.

But if you know you're one . . . and I know I'm one, what else is important?

How important is a shortwave antenna?

A shortwave antenna is important. But very few SWLs have the space available or the cash to set up the kind of antenna "farm" that would be the ideal. Listeners tune shortwave signals across a wide range of bands, signals coming from all points on the

compass. For the weak stations they could use an antenna that provides "gain." On crowded channels they could use one that can "null" or reduce the strength of signals on adjacent frequencies coming from different directions than the desired station.

The vast majority of listeners must make do with an antenna that is, at best, a compromise. So practical problems do limit the antenna situation.

Then the SW receiver is the most important link in the DXing chain?

Again, important, but not the most important thing. Almost any receiver is sensitive enough to pull in the DX stations, given a halfway decent antenna and all other things being equal. Unfortunately, not all other things are equal. Bands are crowded with interference. With a more expensive, elaborate receiver you are buying improved selectivity, the ability of the set to separate the weaker signals from the interfering stations on adjacent frequencies.

You will also want to look for a receiver that makes it possible to "read," with a reasonable amount of accuracy, the frequency to which you are tuned.

If you want to hear Station XYZ and you know, from the White's Radio Log listing in the back of this magazine, that it operates on 11,815 kHz at a certain time, you have to be able to tune the receiver to 11,815 kHz. If you can't really tell if you're tuned to 11,800

or 11,750 or 11,850 kHz, your ability to tune XYZ becomes mostly a matter of blind luck. The better a receiver, especially in terms of selectivity and frequency readout, the easier your DXing will be.

But . . . there are many top-flight DXers listening to shortwave today who use distinctly second-rate receivers and are still pulling in the tough signals.

And . . . there are some inexperienced listeners who have gone out and bought \$2,000 receivers, \$3,000 receivers, and who figure they've "bought" the answer to the DXing game. They will soon discover that they were wrong!

What, then, does separate the serious DX'ers from the also rans?

Knowledge! Good old fashioned know-how. You have to know how to do the most with what you have. You must know when, where and how to tune your receiver to bring in those stations. You should know about the propagational conditions that cause a distant signal to reach your antenna. Experience is the answer.

Does it take a lot of time and effort to be a shortwave DX'er?

Look at it this way: If you want to take your listening hobby seriously, the path to success depends not on how much money you can spend on equipment, it depends on know-how—and that won't cost you a cent. Frankly, learning the DXing ropes is an ongoing, and enjoyable, part of the hobby.

Why can't I hear the rare shortwave stations?

Who says you can't? Tuning in DX stations isn't like switching channels on the TV. Tuning SWBC DX is a skill that takes some time to learn. Assuming you know when and where to tune, persistence that is required . . . and, yes, a lot of luck, being at the right place at the right time, when reception conditions are just right. Maybe you'll have to listen daily for a month, a year, many years to hear the ultra elusive station!

Tips For The Advancing DXer. There is no substitute for the knowledge gained by experience.

Rare DX reception depends on "conditions." What a DXer comes up with when band conditions are right depends, to a large extent, on the storehouse of information and know-how he has filed away and which he can apply to the given situation.

A good place to start is with the shortwave broadcast bands themselves. Most of the rare DX will be found in the bands below about 7 MHz, the 49,

60, and 90 meter bands plus, to a lesser extent, 120 meters and out-of-band stations. To start with, I suggest you concentrate on the 60 meter band, the single best band for DX signals.

Concentrate your maximum listening efforts on 60 meters. Later you can expand your attention, in a similar manner, to the other DX bands.

Hours: Spend dozens of hours, hundreds of hours if you can, learning what there is to be heard under normal reception conditions. Get to know that band of frequencies like the back of your hand. In order to get the rare SWBC DX stations you have to be able to quickly sort the usual from the unusual signals. When extra good reception conditions occur, you can't waste time on re-logging stations you've heard before when you could be coming up with new catches.

Can you, at any particular time of day or night, cruise 60 meters and with a fairly high degree of certainty, tentatively identify within 15 seconds each, the stronger signals on the band? If you can't, you're operating under a real handicap.

Your tuning of a given DX shortwave band is a bit like taking an auto trip to another city. The first time you drive the trip you don't know the way. You have to frequently check your map, perhaps stop at a service station or two to ask directions, maybe get lost two or three times before you reach your destination.

After you've made the trip a few times you recognize the regular landmarks. You know that you make a left turn at the old church; turn right at the third traffic signal. You know that a certain truck stop has a great cup of coffee and that if you try driving through Centerville at 3:15 p.m. you're apt to get stuck in the after-work factory traffic. Your trip is easy and you don't get lost once.

The experienced DXer knows each of the DX shortwave bands with this same sort of detail. On a good winter opening to Africa, late in the afternoon, for instance, the veteran DXer can tune down from 5,060 kHz across the 60 meter band and quickly "tick off" the usual stations on the band. Lome, Togo on 5,047 kHz . . . 5,020 kHz, Niamey, Niger . . . 5,010 kHz, Garoua, Camerouns . . . 5,000 kHz, WWV's time signals . . . 4,972 kHz, Yaounde, Camerouns, and so on. . . .

If you *Can* do this, if you do know your band this well, the unusual signal will stand out like a searchlight in the

fog. It will attract your attention and you can spend your time taking a reception report and logging it.

Concentrate on learning as much as you can about shortwave propagation, if not from a theoretical "bookish" approach, then from a practical, "what can I actually hear" technique. Learn to recognize and take advantage of reception patterns.

Most beginning listeners soon discover that you can't expect to find the lower frequency shortwave reception at high noon local time. There is no black magic in DXing. The propagation of DX radio signals on shortwave depends on natural phenomena. The more you know about how and why distant SW signals reach you, the better equipped you will be to determine when to tune with the maximum chance of hearing the stations you want to hear. In your school or public library you'll find plenty of theoretical information about radio frequency propagation to study. As you read up on the subject, try to relate it to your actual listening experiences. But theories aside, careful observation and record-keeping should give you a working knowledge of practical signal propagation on the short waves.

Do you know, for example, the time of day, the time of year, when your chances of hearing a certain rare station are optimum? Can you chart a great circle path between your receiving location and the target DX stations? On



In Sweden, this man is known as "Mr. DX-ing." He is Arne Skoog, founder and still editor of the "Swedish Calling DXers" broadcasts. In his spare time, his other hobby is violin making.

the lower SW frequencies a path of darkness must exist between the transmitting station and your receiver. At any particular time of year, when do these paths of darkness exist for the stations you want to hear? When can you normally expect the 60 meter band Latin American stations to fade out and the Asians to fade in?

Learn to recognize the seasonal patterns of reception that apply to your location. If you live in the eastern half of the U.S. or Canada, you'll probably find your best chance of hearing the lower powered Indian and Pakistani regional stations will come in December and January. But the numerous regional outlets in Indonesia may well be better heard in the fall and spring months. Generally, shortwave reception on the lower frequencies is better in winter than in summer, but the rare quiet night in mid-summer can bring in superb African and South American reception.

Keep records of any excellent band openings from various parts of the world. Look for reception patterns; daily, seasonally, geographically. If you know what type of reception has occurred in the past, it will help in planning your future listening.

Geographical reception patterns can be broad or very selective. When you note the Peruvian stations coming in with better than usual strength, don't waste listening time with random tuning; go after the specific Peruvian stations you've been wanting to hear. Unusually powerful signals from Nigeria? Then spend your time looking for other DX catches from West Africa.

Concentrate on certain stations. One reason the experienced SWLs manage to hear really rare stations is because they have already logged so many different stations that they can concentrate their efforts on a relatively few wanted targets. The beginning SWL, who is trying to hear so many different stations, often takes a scattergun approach, tuning about hit-or-miss.

Plan Your DXing.

Rare is the veteran DXer who doesn't have a "want list," a list of his most wanted stations. If you belong to a DX hobby club, read its bulletins, find out what stations others are hearing, when and where.

Draw up a list of about ten such stations that you really want. Compile a "book" on each station on your want list. Minimum information, of course, is the frequency and the time when it is being received by others in your area. Add any additional information you can come across about the schedule, sign on and sign off times, lan-

guages used. Is there an especially favorable "window" when other stations on or near the frequency are off the air, improving the interference situation? What types of programs would you expect to hear—popular U.S. music? Political commentaries? Religious sermons?

In short, gather as much background data about each of the "wanted" station on your list. The more you know about a station, the easier it will be to locate and identify it when you finally do hear it.

Finally, reception conditions vary greatly. What cannot be heard on one day may be coming through with a decent signal the next. The more time you spend listening, the better your chances of being there when the signal is coming through, so tune as often as possible for your most wanted stations. Trying for them seven times a week is better than six; six days is better than five. Make the odds work in your favor.

Concentrate on these wanted stations when conditions to a certain area of the world are most favorable. If you have no luck in hearing them, then go after secondary targets. If again you strike out, then tune some of the old, familiar, easy-to-hear stations and enjoy the programs.

When you do manage to hear one of your "most wanted" stations on your DX target list, replace it with another one you badly want to hear. That way you'll always have ten choice targets to be hunting in the DX game.

Identifying the Rare DX. Okay, you've followed the various tips suggested so far. You've tuned a shortwave signal that may—or may not—be the tough DX catch you've been hunting. Now you've got to identify it. Is it the one you think it is, or wish it is? Or is it some other station that happens to use the same frequency?

Identifying stations is where the DX-going gets tough. It is the test that separates the beginners from the experts, the place where DXing experience counts.

The first case to consider, strange as

SWBC BANDS AND FREQUENCIES

Band	kHz
120 meter	2300-2500
90 meter	3200-3400
75 meter	3900-4000
60 meter	4750-5060
49 meter	5950-6200
41 meter	7100-7300
31 meter	9500-9775
25 meter	11700-11975
19 meter	15100-15450
16 meter	17700-17900
13 meter	21450-21750
11 meter	25600-26100

it may seem, is: Just what constitutes an identification?

That may seem to be a silly question, identifying a station should be an easy thing. Either yes or no, go or no-go!

Practically, though, station identifications come in varying degrees of certainty. Consider the matter of station identifying as a spectrum of possibilities ranging from total certainty about which station you're hearing, through various lesser degrees of certainty, through doubt, to complete uncertainty. For convenience sake, I'll divide that spectrum of certainty/uncertainty into four broad brackets.

Positive Identification. The less experienced SWL is familiar with this category. In fact, for him, a station is either unknown or it is positively identified.

It is, clearly, the best sort of identification. Most commonly it occurs when you hear the announcer say, in English, "This is Radio XXX!" But there are other ways of positively identifying a station. If you hear the introduction to the well-known program, "Moscow Mailbag," you don't need an ID to know you're tuned to Radio Moscow. If you hear a familiar guitar melody, together with an odd-sounding bird call, repeated again and again, you know without an identification that this is the interval signal of South Africa's Radio RSA.

Positive identifications are a snap when you listen to the more powerful

FREQUENCY VS. WAVELENGTH

Many beginning SWLs are confused about the terms "frequency" and "wavelength." Both are ways of expressing the same essential information about where to tune for a station. Wavelength (measured in meters) refers to the length of a particular radio wave. Frequency (measured in kilohertz or Megahertz—1,000 kHz) describes the number of times per second that the wave "vibrates." These are the formulas for converting one to the other.

$$\text{WAVELENGTH IN METERS} = \frac{300,000}{\text{Frequency in kHz}}$$

$$\text{FREQUENCY IN KHZ} = \frac{300,000}{\text{Wavelength in meters}}$$

stations broadcasting in English. Still, even if the signal is loud and the announcer is speaking English, listen very carefully and don't let your ears play tricks on you.

Some time ago, a reader wrote COMMUNICATIONS WORLD for help with a station he'd heard on shortwave. He wanted to know the station's address so he could write for a QSL card. The station, he said, broadcast on about 10,700 kHz and announced clearly, in English, as the Voice of Uruguay.

I couldn't help him at all. There was no broadcasting station on 10,700 kHz, well outside the regular SW bands. There was no Voice of Uruguay, or, in fact, any Uruguayan shortwave station with English language programs. He was in error as far as the frequency was concerned, a not uncommon problem for many listeners with shortwave receivers which have poor frequency read-out characteristics.

His biggest mistake, though, was that he apparently misunderstood the announcer's identification. Because of interference and fading of shortwave signals, it is possible to misunderstand even an English announcement.

What was the station this reader heard? Was it really the Voice of America? HCJB's Voice of the Andes in Quito, Ecuador? I don't know! And neither did he!

But, the topic at hand is hearing the rarer and more difficult to log, shortwave DX stations. Identification of these stations is often difficult as they are usually weaker signals, and are plagued with QRM and QRN (man-made and natural interference), and the programs are often in languages other than English.

Tentative (or Probable) Identification—In such cases, there is no definite ID heard. If heard, it is not fully understood because of interference or language difficulties. There can be various clues in the programming, or in the schedule, that *strongly* lead you to be-

lieve you are hearing a certain Station X.

Possible Identification—Again, there is no definite station heard but there are *some* factors about the programming, some things that you are able to pick up in your listening that suggest it *may* be Station X you are hearing. But, those factors might as well apply to another station too. In short, your degree of certainty as to identity is rather low.

Unidentified—In this case you either have no idea, from announcements or program details, as to the identity of the station you've tuned, or you have a *very* low degree of certainty as to which of several—or many—possible stations you might be hearing.

Broadly speaking, a reception report to a station is always justified when you can positively ID that station. A report is impossible to send to an unidentified station since you don't know to whom to send it.

If you strongly believe, based on a number of factors I'll shortly discuss, that you have heard a certain station, coupled with some pretty convincing program details, a report may be sent to the station on the strength of a tentative identification. But that report should specifically point out that you didn't positively ID the station. It should point out the reasons why, despite the non-ID, you believe it to have been that station. And you should ask that your tentative report be verified by QSL only if the station personnel are certain in their own minds, from the details you cite, that the report is correct.

Rarely should you send a reception report to the station on the strength of just a possible identification. If you aren't at all sure of which station you heard, don't put the monkey on the

back of the authorities at the station to make that determination from your sketchy details!

The general rule of thumb in identifying stations in this: Be sure yourself that you heard a certain station! Don't rely on the station to resolve your doubts!

If you haven't progressed beyond the "if it isn't in English, I can't ID it," stage, you've got some basic homework ahead of you before you're ready for serious SWBC DXing. Minimally, you should be able to distinguish among the major languages of the world, Spanish, Portuguese, French, German, Arabic and so on. You should be able to recognize the tonal Asian languages such as Chinese. Foreign languages should no longer all sound alike to you.

You need not be a linguist. Few veteran SWBC DXers are. But you can learn to recognize certain, key words in a number of languages.

If you can't—yet—spend some time concentrating on the whole business of what languages sound like. One of the best ways to familiarize yourself with the "sound" of various foreign languages and language families is to listen regularly for the Voice of America broadcasts.

At the time this was written, there were recordings of Radio Canada International's Foreign Language Recognition Course still available. There is a charge for these tapes, naturally, but the proceeds go to benefit handicapped DXers in the U.S. and Canada, as well as abroad.

For further information about the availability of this course material, designed to familiarize you with the "sound" of the languages, without actually teaching you to speak them, drop a note to Ian McFarland, Radio Canada International, P.O. Box 6000, Montreal, P.Q., Canada.

Of course, if you really want to get

Wonder if 16-year-old Gary Donkersgoed, a Canadian DXer from Listowel, Ontario, is a TV-DX fan. Certainly looks like he's got "test patterns" all over the walls of his DXing room. Gary uses a Realistic DX-150B receiver, which has helped him log 40 countries on shortwave.



WORLD TIME BY COUNTRIES

To compute the time anywhere in the world, add (+) or subtract (-) the number of hours indicated to or from GMT. Figures in parentheses indicate daylight savings time during the particular country's summer months.

Afghanistan	+4½	Gambia	0	Poland	+1
Alaska		Germany	+1	Portugal	+1
Juneau	-8	Ghana	0	Qatar	+4
Anchorage	-10	Gilbert Is.	+12	Reunion Is.	+4
Aleutians	-11	Great Britain	+1	Rhodesia	+2
Albania	+1	Greece	+2	Rumania	+2
Algeria	0	Guam	+10	Rwanda	+2
Argentina	-4(-3)	Guatemala	-6	Ryukyu Is.	+9
Ascension Is.	0	Haiti	-5	Sabah (Malaysia)	+8
Australia		Hawaii	-10	Sarawak (Malaysia)	+8
Eastern	+10	Holland	+1	Senegal	0
Central	+9½	Honduras	-5(-6)	Seychelles	+4
Western	+8	Hong Kong	+8(+9)	Sierra Leone	0
Austria	+1	Hungary	+1	Singapore	+7½
Azores	-1	Iceland	-1(0)	Solomon Is.	+11
Bahamas	-5	India	+5½	Somali Rep.	+3
Bahrain	+4	Indonesia		South Africa	+2
Belgium	+1	West	+7	Spain	+1
Bermuda	-4	Central	+8	Sri Lanka	+5½
Bolivia	-4	East	+9	Sudan	+2
Botswana	+2	Iran	+3½	Surinam	-3¼
Brazil		Iraq	+3	Sweden	+1
Eastern	-3(-2)	Israel	+2	Switzerland	+1
Central	-4(-3)	Italy	+1(+2)	Syria	+2(+3)
Western	-5(-4)	Ivory Coast	0	Tahiti	-10
Brunei	+8	Japan	+9	Tanzania	+3
Bulgaria	+2	Jordan	+2	Thailand	+7
Burma	+6½	Kenya	+3	Togo	0
Burundi	+2	Korea	+9	Tunisia	+1
Cambodia	+7	Kuwait	+3	Turkey	+2
Cameroun	+1	Laos	+7	Uganda	+3
Canada		Lebanon	+2	Upper Volta	0
Atlantic	-4(-3)	Liberia	+3¾	Uruguay	-3
Eastern	-5(-4)	Luxembourg	+1	USSR	
Central	-6(-5)	Libya	+2	Moscow	+3
Mountain	-7(-6)	Malawi	+2	Baku	+4
Pacific	-8(-7)	Malaysia	+7½	Sverdlovsk	+5
Yukon	-9(-8)	Malagasy Rep.	+3	Tashkent	+6
Canary Is.	0	Maldives Is.	+5½	Novosibirsk	+7
Cape Verde Is.	-2	Mali	0	Irkutsk	+8
Cent. Afr. Rep.	+1	Mauritania	0	Yakutsk	+9
Chad	+1	Martinique	-4	Khabarovsk	+10
Chile	-4	Mauritius	+4	Magadan	+11
China		Mexico	-6	Petropavlovsk	+12
West	+6	Monaco	+1	Anadyr	+13
East	+8	Mongolia	+8	USA	
Colombia	-5	Morocco	0	Eastern	-5(-4)
Cook Is.	-10½	Mozambique	+2	Central	-6(-5)
Costa Rica	-6	Nepal	+5.40	Mountain	-7(-6)
Cuba	-5	Neth. Antilles	-4	Vatican	+1
Cyprus	+2	New Caledonia	+11	Pacific	-8(-7)
Czechoslovakia	+1	New Guinea	+10	Venezuela	-4
Dahomey (Benin)	+1	New Hebrides	+11	Vietnam	+7
Denmark	+1	New Zealand	+12	Windward Is.	-4
Ecuador	-5	Nicaragua	-6	Yemen	+3
Egypt	+2(+3)	Niger	+1	Yugoslavia	+1
El Salvador	-6	Nigeria	+1	Zaire	
Ethiopia	+3	Norway	+1	West	+1
Falkland Is.	-4(-3)	Pakistan	+5	East	+2
Fiji Is.	+12	Panama	-5	Zambia	+2
Finland	+2	Paraguay	-4		
France	+1	Peru	-5		
Gabon	+1	Philippines	+8		

THE SINPO CODE

Signal Strength S	Interference I	Atmospheric Noise N	Propagation disturbance P	Overall Merit O
5—Excellent	5—None	5—None	5—None	5—Excellent
4—Good	4—Slight	4—Slight	4—Slight	4—Good
3—Fair	3—Moderate	3—Moderate	3—Moderate	3—Fair
2—Poor	2—Severe	2—Severe	2—Severe	2—Poor
1—Barely audible	1—Extreme	1—Extreme	1—Extreme	1—Unusable

into the foreign language bit, to the extent of actually learning a language, shortwave radio is there to help you.

English language speakers can hear Afrikaans from South Africa's Radio RSA; Chinese from Radio Peking; Dutch from Radio Nederland; German from Deutsche Welle, Cologne, German Federal Republic; Japanese from Radio Japan and Russian from Radio Moscow. These stations offer special language lessons and supplementary textbook material usually is available, often at no charge.

Along Experience Road. If you're still with us on this path to the top in the shortwave DXing game, it should be obvious by now that a very experienced, very expert DXer, because of his years of accumulated knowledge about stations and reception, may well be able to identify a station positively, while a less experienced SWL, hearing the same signal, might not be able to ID it at all, or, at best, consider it a tentative identification.

But even the most experienced of the "pro" listeners frequently come up short of ID certainty. This brings us back to the matter of tentatively identifying a station.

A tentative ID, you'll recall, is when positive identification of a station isn't possible; but there are a whole series of factors—such as language used, program type, frequency, sign on or sign off times, etc.—surrounding the reception which strongly lead the DXer to believe he's hearing that certain station. Still, tentative IDs are tricky! Most misidentified stations that readers write to me about crop up because the listener lacks information, or experience, is careless in his listening habits, or jumps to a hasty conclusion because he very much *wants* to hear a certain station.

An SWL, anxious to log a rare new station, is easily tempted to conclude, "Well, others have reported hearing this station, so it must be Station X I've tuned."

The measure of a veteran and experienced SW DXer is his reputation for accuracy and carefulness. Others often rely on your information to guide their own listening activities. If you've goofed in identifying a rare station, chances are you'll lead others, who also try to hear it, astray.

We all make mistakes at times, it is inevitable. To be *regularly* wrong about the identities of the stations you hear will earn a listener a reputation as an inaccurate, unreliable reporter and you don't want that sort of albatross about your neck!

Good tentative identifications, when you can't make a positive ID, are the result of piecing together a number of separate factors that, in composit, convince you of a station's probable identity. The number of bits that "fit" can vary, but the more that do, the surer you can be. Too few "fits" and all you've got is a "possible," or perhaps even an "unidentified."

An experienced DXer has the edge here, since he has accumulated more know-how and background info to test for "fit."

Just what are the factors to look for? Frequency, naturally! Which stations operate on the frequency tuned? Time? Does your reception match the schedule of Station X, the station you suspect the signals to be? Propagation? Is reception, over that certain "path" possible or likely at the time you're hearing it? Does your reception match the language and programming known to be used? Can you, for one reason or another, eliminate from consideration other stations known to broadcast on that frequency?

Other clues? You may not have heard a mention of a country, but you did hear a Spanish language advertisement for Cerveza Carta Blanca. In which country or countries of Latin America is that brand of beer distributed? That is just the sort of off-beat information that it pays to collect, however you do it.

Can you identify the national anthems of a number of different countries? If so you can at least tell the nationality of the station you hear signing on or off. It is one more piece of information, another clue as to the station's identity.

What does the music you hear tell you? Can you distinguish between the sound and rhythm of Mexican and Brazilian music? Between that of Peru and the Dominican Republic? What is highlife music? Where is it played? What is Gamelan? What is a sitar, what does it sound like and if you hear one played, to which country are you probably listening?

(Highlife music is likely to be heard on West African stations. As the name implies, the tempo is lively. Gamelan is Indonesian music. The sitar is an instrument at home on the Indian subcontinent.)

There are dozens of clues you'll come across when you tune a station, factors that can help you to identify it even though you never hear an announcer say, "This is Radio X." There is no practical way these clues can be spelled out in complete detail so you'll just have to learn them by trial and error, by experience. If you're alert to the basic techniques of piecing together bits and pieces to help gain a tentative identification of a difficult station, you can begin to file away in your mind these scraps of information.

Naturally, none of these individual



Pennants and QSL cards adorn the wall of this listening post in Listowel, Ontario. David Corry is 18 years old and uses a DX-160 receiver and a Wynford Hall portable. With this gear he has managed to QSL 60 medium wave stations and broadcasters on shortwave from 15 different countries.

clues alone is sufficient to justify even a tentative identification of a station. Enough of them together, however, may make a strong enough case for a tentative ID.

Good luck, and be careful. Identifying stations is the one area of the SWLing hobby where more mistakes are made than any other.

QSL'ing the Rare Ones. The greatest difficulty the less experienced DXer has when it comes to collecting verifications, getting QSL cards and letters, is learning patience, waiting two or three months for his reply.

But most of those stations are good verifiers. They seek listeners in North America. They broadcast in English at favorable times for reception here. They make it their business to know something about the quirks of SWLs and their interest in QSLs. These stations aim to please, and usually QSL reports with attractive cards.

The rarer DX stations, by their very nature, don't get anywhere near as many reports as, say, does Radio Nederland, or Radio Moscow, or Radio Australia. These smaller, harder to hear stations often aren't even trying to reach North American audiences. These broadcasters aim their programs at "the old folks at home" in their native lands.

Their station staffs usually don't know what a QSL is, much less why an SWL seems interested in receiving a confirming letter or card. These stations, therefore, are much harder to verify.

For the moment I'll assume you know the basic report writing techniques. Remember these thoughts are especially aimed at the more experienced listener. If you're something of a beginning SWL, hang in there, ol' buddy, I'll get back a little later and touch bases on the fundamentals of QSLing.

When dealing with the rarer stations, it is important to write in the language of the station unless you have some reason to believe that someone at the station in question knows how to read English.

If you have rarely sent International Reply Coupons (or unused, foreign stamps) with your reception reports to stations, plan to do it regularly when you write to the rare DX stations. They usually are smaller, often are private—not government—operations, and have fewer funds to pay for postage.

It is important to get your reception report into the hands of someone who is a known verifier. If Herr Otto Schmitt has signed the letters that others have received from Radio Leiderkranz, chances are good that he'll be the one

to send you your verification. Keep track of the signers of QSLs, as listed in the various club bulletins. Then, when you hear the stations, direct your reports to the appropriate staff members.

When trying to QSL the tougher DX stations, your first report may not bring the desired reply. Use periodic follow-ups, or new reception reports sent to the non-repliers. It can take a year, five years, ten years perhaps to get a verification from the really tough ones. Persistence is definitely an important commodity!

Beyond this, what? Well, the serious, veteran DXer who is interested in receiving QSLs develops his own additional reporting techniques, ploys, tricks of his trade, to coax QSL replies from stations.

These special techniques, whatever they may be, are usually designed to call special attention to the SWL's report. A photograph of your station, a postcard from your hometown, anything unique or personal will hopefully strike a note that will interest the staffer at the station who opens your reception report letter.

Anyone familiar with the advertising game will find many points in common with efforts to obtain QSLs from the tougher DX stations. This may seem a shocker, but the basic rules advertisers use to peddle soup and soap can apply to sending a reception report.

In advertising, the code letters are A.I.M.A.—Attention! Interest! Motivation! Action!

When your reception report letter reaches the DX station you want it to catch someone's attention. Remember that the smaller, harder-to-hear shortwave stations probably don't have special staff to handle listeners' letters, as is the case with the major international broadcasters. Something about your letter should catch the attention of a staff member at the station, so that it does not simply wind up on a desk, forgotten and unanswered, or worse yet, tossed in the "circular file."

Next, your reception report must interest that person, make the reader pause and consider it. Thirdly, it should motivate the reader at the station, make him or her think, "Hey, I think I will write a reply to this listener." Finally, it must motivate the station staff member to the action of sitting down at a typewriter and writing a reply, or dictating a response to a secretary, or sending a QSL card. A breakdown in any one of these steps and your report goes unanswered. Ask yourself if you would answer your reception report if you were the station employee.

SHORTWAVE AERONAUTICAL FREQUENCIES

While domestic flights use frequencies in the VHF range for communications, overseas flights make use of shortwave frequencies. The boldfaced frequency bands are exclusively assigned by the International Telecommunications Union for aeronautical use, and are in primary use by the commercial airlines. Bands marked with asterisks are shared with other types of radio services. Frequencies in kilohertz.

1605-1800*	6450-5730
2000-2065*	6525-6765
2106-2300*	8815-9040
2300-2500*	10000-10100
2500-2850*	11175-11400
2850-3155	13200-13360
3155-3200*	15000-15100
3200-3230*	17900-18030
3400-3500	21850-22000*
3500-4000*	23200-23350*
4438-4650*	27500-28000*
4650-4750	29700-44000*

When you write your reception report, think like a public relations man and sell the idea of the station replying to your report.

For goodness sake, though, don't let honesty and integrity go out the window. Just as falsehoods and exaggerations won't sell products to consumers, a dishonest reception report won't elicit a reply. Candor is perhaps the most effective sales technique. If you didn't care much for a program, you can let that be known, but you can also emphasize the positive, the aspects you did like. If conditions of reception were poor, okay, tell the truth about the static and interference. But you can soften the blow a bit by expressing the hope that reception will be a lot better next time.

Soft-sell is usually more effective than high pressure. You still need a good product—in this case, a solid, accurate, useful report of reception—and the better you know your "market" the better you'll be able to tailor your reception reporting approach to the situation.

These special report writing techniques you'll have to develop yourself. Your own personality, style and accumulated experience will give you the clues if you're receptive to the basic idea that you have to be flexible in your report writing style. If you're rigid, insist on a basic master report format that you'll always follow, you won't have such good success in getting QSLs from the tougher DX shortwave stations.

I'd be remiss, at this point, if I didn't note that some veteran DXers aren't gung-ho about QSLs. They claim that a verification isn't always proof positive of a reception, that some stations issue QSLs without even checking the listen-

er's report for accuracy. They also note that it is getting downright expensive to send off stacks of reports, with postal increases.

I personally favor trying to QSL your reception reports, whether they involve the major international broadcasters or the more difficult-to-hear stations. I think an SWL tends to be more careful about identifying the station he is hearing when he is trying to collect enough details to justify a report. Most of all, QSLs are fun. It is a thrill to receive those letters and cards from far off places that you have heard on short-wave radio!

To sum up these tips for the advanced and advancing DXer, the secret to success in the listening hobby is know-how, and knowledge gained through experience, and the effort to learn as much as you can about short-wave listening. If it has struck you that these suggestions have tended to be long on generalities and short on actual how-to-do-it techniques, it is because there is no simple set of rules, no short-cut method to become a top-flight, experienced DXer who can hear all those rare catches. But if this has helped to point you in the right direction, great! Carry through and you're on your way to the top!

Back to Square One. While I believe that most shortwave listeners—advanced and beginners—can benefit from the ideas covered in the preceding pages, particularly those related to getting verifications and QSLs, I can practically see some still puzzled looks. There are questions about the basics, questions about how to get started in writing reception reports and receiving QSLs. Now, as promised earlier, we will go back to the very basics for the very many of you who may be reading your first issue of COMMUNICATIONS WORLD.

While I have observed that not all DXers go in for verifying their reports

in the usual way—some prefer, for example, to establish proof of their reception by tape recording station identifications—most listeners do enjoy having their reports confirmed with letters or cards from the stations.

QSLs are written confirmations from the stations that your reception reports were correct and useful to them. Many listeners consider the number of stations and countries they have verified as a rough indicator of their personal progress in the hobby.

The first 30 to 50 countries QSLed can be chalked up in under a year if the SWL is interested in putting forth some effort and listening time. When the listener passes the century mark in countries it is a definite indication that he's a serious DXer and not merely a casual listener. Verifying 150 countries is a real mark of achievement. Only a handful of North American listeners have QSLed more than 200 countries.

Broadcasters are, remember, under no obligation to send a verification in return for your report. Many do, particularly the larger international broadcasters with English language programs, but there is no "rule" that they must. You should be courteous and helpful when writing your report, even beginning DXers can learn from the previous special tips for advanced listeners.

A reception report has three basic parts: (1) the details of what you heard, establishing to the station's satisfaction that it was their broadcasts and not those of some other station that you received; (2) the details about how you heard the signal, how strong it was, whether it was subject to interference

and the like, and (3) your comments about what you thought of the programs, what you liked or disliked, and any other details you think the station may find interesting about you and your listening efforts.

To establish that you heard the station, you'll have to include in your report the date and time of your reception, the frequency on which you heard it and details describing at least 15 minutes of the programs you heard.

Determine the frequency as accurately as you can. This can be a hard job for the listener with a fairly simple receiver. Many of the less expensive receivers, especially the multi-band portables, have sketchily marked dial plates. It is extremely tough, if not impossible, to tell the exact shortwave frequency. Listen for the announced frequency, or just estimate as best you can. The newest generation of shortwave receivers, even those priced as low as \$100 to \$125, have surprisingly good frequency "readout." If a receiver allows you to determine the frequency of a station you're tuning to an accuracy of 10 kilohertz, 5 kilohertz or even better, terrific! Good and accurate frequency readout is worth paying extra for when you're considering the purchase of a new receiver!

Times should be stated in Greenwich Mean Time, or GMT. GMT is the DXer's universal time standard, and is the time calculated at the zero degree meridian that runs through Greenwich, England.

Why a universal standard time? It is like any other standard. Any person may use it as a reference, regardless of where in the world he lives. If you report your reception of a station in Japan or India at a certain hour,

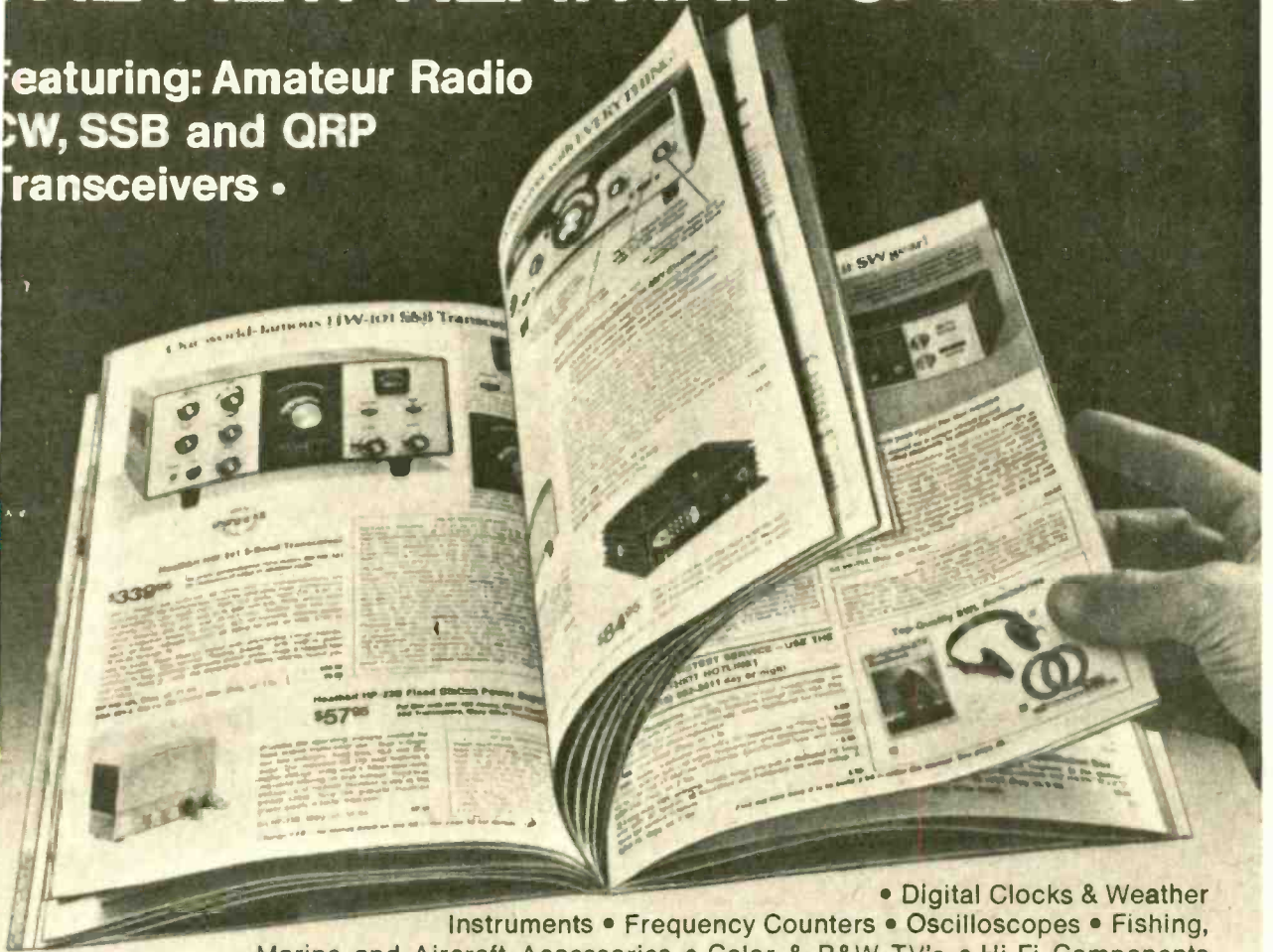


Is it possible to turn an avocation into a vocation? George Wood did. A confirmed SWL since he was ten years old, George worked in broadcasting on a college radio station while in graduate school in journalism. He left Berkeley, California, crossed the Atlantic to Scandinavia. Today you can hear his voice on Radio Sweden.

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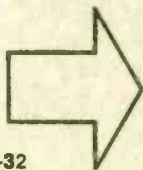
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COMMUNICATIONS WORLD

Greenwich Mean Time, the station staffer who reads your report will know immediately when you received the programs. If you, instead, report you heard All India Radio at 7 a.m. Central Standard Time, the reader of your report would have to calculate the time difference between C.S.T. and Indian Standard Time to match up your listening with the station's log. If the next letter he gets comes from someone living in the Pacific Standard Time zone, the next one from an Australian, and so on, you can see how cumbersome a process it becomes. If everyone uses GMT, it is all so much simpler and less confusing.

GMT is equal to Eastern Standard Time plus five hours; to CST+6 hours; MST+7 hours; and PST+8 hours. The "Local Time vs. Greenwich Time" chart should help you keep this all straight.

When using GMT, the a.m. and p.m. designations are done away with for the sake of reducing confusion, and the time is stated in the 24 hour clock system that runs from 0000 to 2359 hours. Midnight GMT is expressed as 0000 hours. The hours from 1 a.m. to noon are written as 0100 to 1200. The p.m. hours run from 1201 to 2359. These latter hours tend to cause the most trouble in calculating. Again the chart should help.

The date? That is simple—with this exception. Because GMT is a number of hours ahead of your local time, be sure you match up the Greenwich time with the equivalent date in your report.

Example: If you live in Baltimore it may be 10 p.m. EST, September 30. At the same instant, if your home is Seattle, Washington, the local time is 7 p.m.

Or if you live in Honolulu, your local time is 5 p.m. At exactly the same instant in Holland it is 4 a.m. on the next day, October 1.

Whether you're in Honolulu, Seattle, Baltimore, or Amsterdam, or wherever in the world, the time and date at that instant is 0300 GMT, October 1.

Program Details Needed. Program details should be as complete and as detailed as you can make them. This normally isn't too difficult when you are dealing with programs in the English language.

Example:

"2100 GMT—Station identification by male announcer in English. "This is the overseas service of Radio X, broadcasting on 9,500 kilohertz in the 31 meter band and 11,800 kilohertz in the 25 meter band. Stay tuned for the news.

"2101—2105 GMT—English language newscast, read by a woman, featuring stories about a devaluation of the drachma, flooding in Lichtenstein, a visit by the prime minister of Lapland.

"2105—2115 GMT—a program of folk music introduced by a man announcer."

A detailed report of items heard is much better than a simple and less complete description:

"2100—2105 GMT—Identification and news.

"2105—2115 GMT—Music and talk."

The first description will completely convince the station it was their programs you heard. The second is not very convincing at all. Many other stations could have such programming.

When it comes to describing reception conditions, include your evaluation of the signal strength, interference from other stations or man-made sources (which DXers and ham radio operators term "QRM"), interference from natural causes and static ("QRN"), the degree of signal fading ("QSB") and an overall rating of the reception quality.

It's often best to simply describe these evaluations in words, a phrase or sentence. When reporting to some of the larger international broadcasters you can use the SIPO code, which is simple to use and understand, but unfortunately is not known by many staff members at the smaller stations.

SINPO stands for the five basic reception factors you wish to describe in your report: Signal strength, Interference from QRM, atmospheric Noise (or QRN), Propagation or degree of fading,

ing, and Overall rating of the reception quality. Each factor is measured on a scale of one to five, with one being the worst possible condition, five being the best.

Ideally, therefore, SINPO 55555 would be the best quality signal you could receive. A typical reading for a strong and reasonably clear signal might be SINPO 55444. This would indicate an excellent signal strength, no interference from other stations, only slight static and an overall rating of "good" reception.

You might also include a description of your listening gear, so the station can better evaluate the reception quality you report by knowing whether you're doing it all with a super sophisticated communications receiver and a fantastic antenna, or with a tiny portable and a three-foot whip.

Tell the station what you liked in their programming, or what you'd like to hear in the future. Tell the folks "over there" a bit about yourself and your interests. To the station that all comes under the category of audience research.

Before you end the report letter, politely request that a verification card or letter be sent to you if the report is determined to be correct and accurate.

Though a number of the bigger foreign shortwave outlets do not require that you include return postage it is often a nice gesture, and sometimes is essential if you hope to get a QSL reply. Obviously, U.S. Stamps are of no use to a station in, say Sweden or New Zealand. International Reply Coupons, exchangeable overseas for stamps, can be purchased at your post office for 42 cents each; or, you can purchase foreign mint stamps, in proper denominations, from the DX Stamp Service, 83 Roder Parkway, Ontario NY 14519.

DX'ing Clubs Are for Everyone. The best way to keep current about what is going on in this fascinating hobby, and the best way to learn more about it, is to join a DXing club. These organizations are open to beginners and veteran listeners alike. The following clubs are affiliated with the Association of North American Radio Clubs (557 North Madison Avenue, Pasadena, Cal. 91101.) A leaflet with full data on the affiliated ANARC hobby clubs is available from the ANARC Executive Secretary for a stamped, self addressed envelope. Or, write for further information from an individual club that sounds interesting to you.

American Shortwave Listeners Club, 16182 Ballard Lane, Huntington Beach, Cal. 92649. Their monthly bulletin covers SW, medium wave and QSL news.



This is 16 year old Jim Daunt who has been a listener for two years. This Ontario, Canada, hobbyist uses a Realistic DX-160 receiver and enjoys tuning both the medium and shortwaves.

Canadian International DX Radio Club, 169 Grandview Avenue, Winnipeg, Manitoba Canada R26 OL4. A monthly bulletin features SW, medium wave, TV/FM, utilities, ham bands, QSLs.

International Radio Club of America, P.O. Box 21462, Seattle, Wash. 98111. Covers foreign and domestic medium wave news with 34 bulletins a year.

National Radio Club, P.O. Box 127, Boonton, N.J. 07005. Covers foreign and domestic medium wave news. Bulletin issued 30 times a year.

Newark News Radio Club, P.O. Box 359, Newark, N.J. 07101. Monthly bulletin covers SW, medium wave, utilities, ham bands.

North American Shortwave Association, P.O. Box 13, Liberty, Ind. 47353. Monthly bulletin covers SW exclusively.

Ontario DX Association, 603-29 Church St., Weston, Ont. M9N 1M5, Canada. Monthly bulletin covers SW and medium wave. Membership limited to Ontario residents.

Speedx, P.O. Box E, Elsinore, Cal. 92330. Monthly bulletin covers SW, utilities, QSLing.

Worldwide TV-FM DX Association, P.O. Box 202, Whiting, Ind. 46394. Monthly bulletin covers TV, FM, VHF, UHF DXing.

Associate Clubs. In addition to the above ANARC clubs there are eight ANARC associate clubs which cater to special interests or are regional in nature.

Brooklyn DX Club, c/o David Snyder, 1137 East 12th St., Brooklyn NY 11230.

Handicapped Aid Program, c/o Wayne A. Davis, 27 Cleveland Ave., Trenton, N.J. 08601.

Longwave Club of America, c/o Ralph Sanserino, 8422 Crance Circle, Huntington Beach, Cal. 92646.

Miami Valley DX Club, c/o Bob Beck, 1102 Delverne Ave., S.W., Canton, Ohio 44710.

Minnesota DX Club, c/o Tom Gavaras, 16920 17th Ave., North, Wayzata, Minn. 55391.

Radio Communications Monitoring Association, P.O. Box 4563, Anaheim, Cal. 92803.

University of Manitoba DX Club, Room 517, Box 131, University Centre, University of Manitoba, Winnipeg, Manitoba, R3T 2N2 Canada.

Woodfield International DX Club, P.O. Box 95073, Schaumburg, Ill. 60195.

Voices From DX-Land. And as the walrus said to the carpenter, it is time to talk of many things, of shoes—and ships—and sealing wax—of cabbages—and kings... and, for that matter,

whatever it is you wish to discuss in the world of hobby listening!

Let us get to the stack of letters you readers have been sending to us here at COMMUNICATIONS WORLD to learn what you're tuning in and what is turning you on to DXing, the questions you have and the answers you've found.

The first subject on our agenda is that of hobby clubs for DXers and SWLs.

"This is to let you know I was disappointed that I couldn't find a reference to the Newark News Radio Club in the Fall-Winter 1976 edition of COMMUNICATIONS WORLD," writes W. Page Pyne of Hagerstown, MD. "I hope this was just an oversight. As you perhaps know,

NNRC is the oldest surviving radio club in the U.S."

Indeed, the Newark News Radio Club has been a fixture in the hobby for, believe it or not, a full half century in 1977! It certainly has stood the test of time, publishing monthly its mimeographed "NNRC" Bulletin" with information on shortwave, medium wave, FM-VHF, amateur radio, QSLing, card-swapping, tape-sponding and technical aspects.

It is, however, the policy of COMMUNICATIONS WORLD to publicize only those clubs which are members of the Association of North American Radio Clubs. ANARC is the "umbrella" or-

FOREIGN MEDIUM WAVE DX'ING—WHEN TO TUNE

Station Location	Eastern North America	Western North America
Central America	year around, winter best	year around, winter best
Caribbean area	year around, winter best	year around, winter best
South America (Northern)	year around, winter best	year around, winter best
(Southern)	spring, summer, fall	summer
Australia/New Zealand	spring, fall	spring
Asia	fall	fall, winter
Europe	fall, winter	winter
Africa (Northern)	fall, winter	winter
(Southern)	spring	unlikely

WHERE TO DX FOR WHAT

There are three very broad categories of stations. There are the broadcast stations, which air programs of information, entertainment and music to general audiences. Then there are the radio amateurs, hobbyists who operate in two-way communication on the shortwave and higher frequencies. Everything else falls into a grab bag called utility communications, which cover the whole range of services from longwave ship-to-shore to aeronautical VHF signals, point-to-point transatlantic phone calls to radioteleprinters, to name but a few types.

kHz	Type of DX	kHz	Type of DX
Below 540	Utility, broadcast	10000-11700	Utility
540-1605	Broadcast	11700-11975	Broadcast
1605-1800	Utility	11975-14000	Utility
1800-2065	Amateur, utility	14000-14350	Amateur
2065-2300	Utility	14350-15100	Utility
2300-2500	Broadcast, utility	15100-15450	Broadcast
2500-3200	Utility	15450-17700	Utility
3200-3400	Broadcast, utility	17700-17900	Broadcast
3400-3500	Utility	17900-21000	Utility
3500-3900	Amateur, utility	21000-21450	Amateur
3900-4000	Amateur, Broadcast, utility	21450-21750	Broadcast
4000-4750	Utility	21750-25600	Utility
4750-5060	Broadcast	25600-26100	Broadcast
5060-5950	Utility	26100-26960	Utility
5950-6200	Broadcast	26960-27230	Amateur, CB
6200-7000	Utility	27230-28000	Utility
7000-7100	Amateur	28000-29700	Amateur
7100-7300	Amateur, broadcast	29700-30000	Utility
7300-9500	Utility	Above 30000	Utility, amateur, broadcast (TV, FM)
9500-9775	Broadcast		
9775-10000	Broadcast, utility		

ganization affiliating the major radio hobby clubs in North America. It has certain criteria that clubs must meet before they are accepted into membership.

There are, frankly, hundreds and hundreds of SWL clubs across the land. The vast majority are tiny, fledgling clubs, often no more than two or three friends who want to band together and form a club. While a very few of these grow and are successful hobby ventures, most are shortlived. Too often when a club "folds" it is because of financial problems and those who have paid dues are left holding the bag. Though we sympathize with these small local and regional groups in their attempts to grow, we must also watch out for the interests of many readers who might, believing a mention in CW constitutes an endorsement of a club, join up, only to be "stuck." While there is no guarantee of longevity for an ANARC-affiliated club the odds favor it, and so CW publicizes only the ANARC-clubs.

Though the Newark News Radio Club was a charter member of ANARC in 1964, it withdrew from its affiliation in 1973. Now, I'm happy to report that NNRC has rejoined ANARC. You will find full data on that club, and other ANARC affiliates in our club list.

"Do I have to join a DX club," queried Karl R. Tripp, Binghamton, NY? "I don't think I have anything to offer a DX club . . . an old tube-type receiver, no real antenna, and I live in the city."

No, of course, you don't *have* to join a club. But it is probably one of the wisest moves you, or any listening hobbyist could make. The DX club bulletins, regularly issued on at least a monthly basis, are packed with the sort of up-to-date information listeners need to keep current on the changing patterns of DXing.

I'm particularly happy that Karl wrote because I'm afraid that too many of you readers believe, as he does, that they have nothing to offer a DX club.

That notion, to put it as clearly as possible, is wrong, *Wrong, Wrong!*

If you have an interest in radio listening as a hobby, you have something to offer a club. Some readers feel that radio clubs are filled with nothing but experienced hot-shots who will make them feel inferior.

Not so! The make-up of a DXing club is not unlike the readership of CW . . . there are a relatively few experienced types, a larger number of listeners with limited hobby experience,

and a large number of relatively inexperienced newcomers to the hobby. You may think you are the rankest novice at listening, but there is almost certainly a number of club members in exactly the same category.

Pick out a club, or two, or three, and join! You'll be glad you did.

"Radio Canada International had a very interesting program recently," Chuck Neff of Stronghurst, Ill., writes. "They talked about the funny noises on the utilities band. The funny part talked about the Russians being able to transmit electricity without wires. They said the weird noises on shortwave bands have made Canadians and Americans suspicious."

And a Lodi, Cal., reader, Todd Dokey notes that he hears noises "like a squadron of B-29's racing the skies.

"Could this be the Russian interference that is driving telecommunications operators bananas?"

The Russian "noisemaker" has gained a lot of notoriety during the past year, even in newspapers which rarely seem to be concerned with such things. Since the summer of 1976, the mysterious, noisemaking, Russian transmitter has been making a nuisance of itself and, at times, has wiped out radio traffic and communications on portions of the shortwave spectrum from about 5 or 6 MHz up to and above 20 MHz.

The interference, a ten-time-per-sec-



"I'm 15 and have been DXing since 1974," says Ross Pettibone, Red Deer, Alberta, Canada. "I've received such stations as Radio Japan, Radio Havana Cuba, Radio Moscow, Radio Peking, HCJB, Radio Australia, Radio Nederland and the Voice of Germany. I'm still waiting to hear an exotic station such as Qatar or Ethiopia." Ross uses a DX-160 receiver. Other equipment pictured includes an Eico oscilloscope and audio generator, a Lloyds stereo receiver and a Midland walkie-talkie.

ond pulsing, has been likened, in sound, to a machinegun. Thus, Todd, unless my aging recollection of what a squadron of B-29's sounds like have become unreliable, I doubt that the Soviet transmissions are what you heard. There are a number of other, more common, types of interference that might well match your description.

Initially, the odd and puzzling transmissions were on for hours at a time, sweeping across wide chunks of frequencies. North Atlantic Treaty Organization monitors, using direction finders, located the transmitter in the area of Gomel in Byelorussia, U.S.S.R.

Heavy protests to Moscow from most of the western nations resulted, eventually, in a drastic cutback in the testing, though at this writing it continues on at a reduced level.

There is nothing reduced about the power of this mysterious Soviet transmitter. Experts agree that the transmitter must run between 20 and 40 million watts!

There have been some rather wild theories about what the Russians have been up to. One was that it might be some sort of mind-bending experiment because the repetitive pulsings roughly matched the brain's alpha rhythms.

Another suggestion was, as reader Neff pointed out, that the Soviets were testing some wireless electrical transmission system.

The best guess, it seems, is that the machinegun-like pulses transmitted by the Russians are from an over-the-horizon radar, a radar device that could be sophisticated enough to detect the geometric shape of incoming craft. A radar system that could tell the difference between an off-course 747 commercial jet and a military bomber or cruise missile would be a valuable tool. This could be what the Russians are working on.

Some Quickie Questions. John Wood, Lakewood, Ohio, asks: "How come the frequencies in the FM radio band were assigned from 88 to 108 MHz, instead of from 87 MHz?"

TV channel 6 is down in the 87 MHz territory, John. All band allocations are just arbitrary decisions by the "rule-makers of radio." Why *not* 88 MHz is just as apt a question, no?

Tom Greenwood of Arlington, Mass., asks: "Could you please identify a station for me. I finally managed to hear a station on the longwave frequencies, this one on 209 kHz. It was weak but was playing Arabic music before 0300 GMT."

Okay, Tom, it is the National Network of Radiodiffusion Television Marocaine. The frequency—you're right—is 209 kHz longwave. The station

runs a mighty 800 kilowatts of power from Azilal, Morocco. A nice catch.

"Can you help me ID a medium wave station?" queries Ray Swagerty, Charlotte, N.C. "It is a pop music station identifying as CKLW, on or near 800 kHz. It was somewhat overpowered by the relay of Radio Nederland from Bonaire. . . ."

Boy, oh boy, Ray, there are plenty of listeners out there who would have your interference problems! Most North American BCB medium wave listeners find CKLW makes it tough for them to log the broadcasts from the 500,000 kw. Trans World Radio transmitter on Bonaire in the Netherlands Antilles, just off the South American coast. TWR's station does relay, at times, the Radio Nederland programs.

CKLW, getting back to your question, does operate on 800 kHz and runs 50 kilowatts of power. The station is located at Windsor, Ontario, Canada. Since you indicated you wanted to write the station, its address is CKLW, 1640 Ouillette Avenue, Windsor, Ontario N8X 1L1, Canada.

Lloyd Penny, who lives up in CKLW's neighborhood, Orillia, Ontario, takes us to task for ignoring the medium wave broadcasting stations in Cuba and Mexico.

"After all, says Lloyd, "Mexico and Cuba are considered part of North America, and White's Radio Log is billed as "an up-to-date directory of North American . . . stations."

All right, Lloyd, for you and other readers who have been looking for Cuban and Mexican BCB outlets on medium wave, you'll find a selected list of some of the more powerful stations elsewhere on this page.

And while on the subject of medium wave, Charles Everett, Sag Harbor, NY,

"Most readers know that the CBC in Canada has cut back on shortwave programming for DXers and is limiting QSLs. I can point out, though, that the CBC is doing a good job of verifying reception of medium wave stations. I reported receiving CBM, Montreal. I have since received not only a QSL, but a program schedule for the Quebec Community Network, anchored by CBM."

Stanley S. Olson of Smithtown, NY, writes, "This will probably shock you, but I wish COMMUNICATIONS WORLD had more ads!"

I'm not shocked, Stan. I agree with you!

Stanley goes on, "Where are all those mail order houses that I see advertising in other publications? Where do I buy a Drake SPR-4 or a Yaesu FRG-7 receiver? I'm sure there are a lot of deal-

ers with stock on their shelves getting dusty and that there are guys like me, with money burning a hole in our pockets, looking for places to spend it. How are we going to get together, except in a publication such as yours?"

Right on! I hope even more dealers will get the message and let CW readers know what they have to sell, but we do have some advertisers who sell receivers and other gear. Check out this issue for their ads.

If you don't get the data you want, you can drop a line to the following addresses (and tell them CW sent you):

- R. L. Drake Company, 540 Richard Street, Miamisburg, Ohio 45342.

- Yaesu Musen USA Inc., 15954 Downey Avenue, Paramount, Cal. 90723.

Civil Defense Cutback. In the Spring-Summer 1976 issue of CW I mentioned the low frequency station, WGU-20, operated by the Defense Civil Preparedness Agency, headquartered in Washington, D.C. WGU-20, operated on 179 kHz long wave, was the first of a planned series of stations designed for disaster communications.

Now Brian M. Begg, Freehold, N.J., passes along some updated information from Eugene L. Kilcullen, chief of the facility at the Olney, Md., WGU-20 transmitting site.

Kilcullen told Begg that WGU-20's operations were "temporarily suspended . . . due to Department of Defense budgetary cuts." He continued that the equipment is "brought up" for a 24 hour test period every two months. It seems those tests have been conducted about the 10th or 11th of every second month.

"We hope to return the station to full operational status as soon as funding limitations permit," Kilcullen says.

Bill Bergadano, Staten Island, N.Y., sends along his tip on an interesting station for SWLs to hunt.

"The National Broadcasting Commission of Papua, New Guinea can be heard on 4,890 kHz, in English, from New York local sunrise to 1400 GMT.

INTERPOL FREQUENCIES

Location	kHz	Call
Algiers, Algeria	4632.5	7RA20
Helsinki, Finland		OGX
Paris, France		FSB53
Stockholm, Sweden		SHX
Wiesbaden, Germany		DHA33
West Wickham, England		GMP
Beirut, Lebanon	6792	ODW21
Paris, France		FSB54
Tel Aviv, Israel		4XP40
Utrecht, Netherlands		PDB2
Brussels, Belgium	7532	ONA20
Oslo, Norway		LJP27
Paris, France		FSB55
Rome, Italy		IUV81
Vienna, Austria		OEQ
Zurich, Switzerland		HEP
Lisbon, Portugal	9200	CSI66
Paris, France		FSB56
Rabat, Morocco		CNT
Altamont, Canada	10390	XJE57
Copenhagen, Denmark		OWS4
Madrid, Spain		EEQ
Paris, France		FSB57
Rio de Janeiro, Brazil		PYZ2
Tunis, Tunisia		3VA
Ankara, Turkey	14817.5	TCC2
Caracas, Venezuela		YV23
Buenos Aires, Argentina		AYA48
Ottawa, Canada		XJD48
Bogota, Colombia	18380	---
Mexico City, Mexico		---
Paris, France		FSB60
Teheran, Iran		---
Manila, Philippines	19360	---
Paris, France		FSB62

CUBA ON MEDIUM WAVE

All broadcasting in Cuba is under central governmental control, although there are various national and regional networks, such as Radio Rebelde, Radio Liberacion, Radio Progreso, Reloj Nacional, Radio Revolucion and more. La Voz de Cuba is a music, news and commentary program aired for about five hours a day on many Cuban stations. This is a list of the more powerful Cuban medium wavers.

kHz	Call	City	kHz	Call	City
550	CMAN	Pinar del Rio	760	CMCI	Havana
570	CMHI	Santa Clara	780	CMJN	Camaguey
590	CMW	San Antonio de las Vegas	790	CMCH	Havana
600	CMKV	San German	820	CMCA	Havana
630	CMHQ	Santa Clara	840	CMH	Santa Clara
640	CMQ	Havana	870	CMDN	Guantanamo
660	CMHG	Santa Clara	880	CMAF	Pinar del Rio
670	CMKP	San Pedro de Cacocum	910	CMFA	Camaguey
690	CMBC	Havana	950	CMBF	Havana
700	CMJT	Ciego de Avila	980	CMCK	Havana
720	CMGN	Colon	1010	CMKM	Holguin
730	CMKJ	Holguin	1060	CMBQ	Havan
740	CMJL	Camaguey	1220	CMGY	Perico
			1250	CMHS	Caibarien

Reports can be sent to N.B.C. of Papua New Guinea, Box 1359, Boroka, Papua New Guinea. News in English can be heard at 1100 and 1300 GMT."

James Halsema of Washington, D.C. writes:

"As a shortwave listener since 1932, whose foreign service career has enabled me to pursue my vice in many parts of the world, I find your COMMUNICATIONS WORLD pieces of great interest, particularly when they deal with listening on news bands with new equipment."

Jim continues: "You should get DX-ers in various parts of the world to repeat the kind of local listening condition reports like the one from Great Britain in the Spring-Summer 1976 issue.

"I recently returned from four years in Chile, where I found myself receiving signals from many stations not even aiming them in my direction." In fact, the only continent that was hard to hear was nearby Australia, no doubt due to the south magnetic pole. Using a miniature National Panasonic receiver, held in my hand, I got All India Radio at 1600 GMT at the beach. On medium wave the problem was the large number of stations in South America. In the window provided by the pre-dawn hours, it was often possible to pick up 50 kw. stations like KFBK, Sacramento; KGO, San Francisco; WFAA, Dallas; and WWL, New Orleans."

A fascinating report. Jim. A few years back I did some DXing from the heart of the Andes in Peru and Bolivia. In addition to the many Spanish speaking shortwave outlets, I found the most consistently received signals were from the Voice of America, Radio Moscow and Radio Havana Cuba, all very definitely aimed in my direction!

I agree with reader Halsema that reports of listening conditions overseas are interesting. How about it, are there CW readers in Australia, Asia, Europe, Africa or other parts of South America? Write, and let us know what con-

ditions are like where you live and DX. Take us through a typical 24-hour period and give us an idea of what you can hear and when, and what sorts of listening equipment are available in your country.

In a recent issue of CW, I mentioned it was possible to hear the communications of the Russian trawlers and fishing boats that "work" just off our coasts.

An updater comes from Bill Sparks, an old friend from San Francisco, who writes, "I hear them now all the time on 3,380 kHz. My home is about a mile from the beach and we can see the ocean from our windows. When those Ruskies communicate, they sound like they are out in my backyard, they are so loud!"

DXers near the East Coast, and even in the midlands of the country, can also find the conversations in Russian on shortwave frequencies.

"I very often get a station from the Dominican Republic on 11,725 kHz with very good signals. Programming is in Spanish but about every 15 minutes in English it identifies as Radio Clor-ene. I'm not sure of the spelling."

That information comes from Jim Gross of Tonawanda, NY, who continues, "It broadcasts from Santo Domingo and I have heard it at various times from 2130 to 2300 GMT."

If you'd listened just a bit later, around 2330 GMT, you might have heard the sometimes tourist program, all in English, presented by announcer Rudy Espinal.

Your identification of this one was

close, Jim. It is Radio CLARIN. The frequency is actually 11,700 kHz, but the station also uses 4,850 kHz, where it is probably more regular.

Here's a short question from Eric Steiner, Park Forest, Ill.

"What is the best time to listen for African broadcasters on shortwave?"

Answer: Mid to late afternoon on 11 and 15 MHz; late afternoon on 60 meters; the 0300-0700 GMT period on 60 and 90 meter bands.

The next letter comes from a 15-year-old reader. Because he seems to be a sincere young person, whose only problem appears to be inexperience and a bit of wishful thinking, I won't embarrass him by naming him. I would not normally use such a letter—and I do get a number like this—but there are some lessons to be learned from his mistakes.

He writes that he logged Radio NYAB, the National Youth Association of Bhutan, from Thimpu, Bhutan, last September 1, on 7,040 kHz. The young SWL said he heard the station at "1209 GMT for about three minutes. Reception was SINPO 144*2 with an extremely weak signal." His receiver he described as a very unsophisticated model with a pair of home-made pre-selectors.

He concluded with the information that he had just received a letter, a "sort of semi-confirmation" from the secretary of the station.

Radio NYAB is considered one of the two or three toughest shortwave stations to hear in North America. Bhutan is a little mountain kingdom north of India and its tiny station, run by a sort of Bhutanese version of the Boy Scouts, probably has a power of under



"Thanks for making the SWL hobby more fun for me," writes Jack Kettles of St. Paul, Minn. Jack's DX shack is built around a Radio Shack DX-160 receiver, but you'll also note a Regency scanner for the VHF action bands, and a Citizen Band transceiver.

MEXICAN MEDIUM WEVERS

For broadcast band listeners, here is a selected list of some of the more powerful Mexican medium-wave stations.

kHz	Call	Station	City
540	XEWA	L.V. de la America Latina	San Luis Potosi
580	XEAV	Canal 58	Guadalajara
590	XEPH	R. 590	Mexico City
620	XENK	R. 620	Mexico City
660	XERPM	R. Uno	Mexico City
680	XELG	LG, La Grande	Leon
690	XETRA	Xtra Music	Tijuana
690	XEN	R. Mundo	Mexico City
730	XEX	L.V. de Mexico	Mexico City
790	XERC	R. Exitos	Mexico City
800	XEROK	X-Rok-80	Ciudad Juarez
810	XEFW	Voz e Imagen de Tampico	Tampico
830	XELA	Buena Musica en Mexico	Mexico City
860	XEUN	R. Universidad	Mexico City
880	XETZ	Canal 88	Tequila
900	XEW	L.V. de la America Latina	Mexico City
940	XEQ	La Q de Mexico	Mexico City
950	XEGM	R. 95	Tijuana
970	XEJ	R. Mexicana	Ciudad Juarez
980	XETU	R. Tampico	Tampico
990	XET	La T de Monterrey	Monterrey
1000	XEOY	R. Mil	Mexico City
1010	XEHL	La Fabulosa HL	Guadalajara
1030	XEQR	R. Centro	Mexico City
1050	XEG	R. Melodia	Monterrey
1090	XEPRS	R. Melodia	Rosarito
1110	XERED	R. Red	Mexico City
1130	XEQD	La Divertida	Chihuahua
1140	XEMR	La Nueva MR	Monterrey
1150	XEJP	R. Variedades	Mexico City
1170	XERV	—	Arcelia
1190	XEWK	L.V. de la America Latina	Guadalajara
1220	XEB	R. Cuatro	Mexico City
1260	XEL	R. Capital	Mexico City
1290	XEDA	R. Trece	Mexico City
1310	XEBP	R. Algeria	Torreón
1370	XEMON	—	Monterrey
1420	XEWE	R. Irapuato	Irapuato
1460	XELX	R. Zitacuaro	Zitacuaro
1470	XESM	R. Cinco	Mexico City
1500	XERH	R. Seis	Mexico City
1550	XEXB	—	Jalapa
1560	XEVIP	R. VIP	Mexico City
1570	XERF	—	Ciudad Acuna
1580	XEDM	La Grande de Sonora	Hermosillo
1590	XEKC	—	Mexicali
1590	XEVOZ	R. Voz	Mexico City
1590	XENMB	—	Valladolid

THE SINPO CODE

SIGNAL STRENGTH	INTERFERENCE (ATMOSPHERIC)	NOISE	PROPAGATION (DISTURBANCE)	OVERALL MERIT
5—Excellent	5—None	5—None	5—None	5—Excellent
4—Good	4—Slight	4—Slight	4—Slight	4—Good
3—Fair	3—Moderate	3—Moderate	3—Moderate	3—Fair
2—Poor	2—Severe	2—Severe	2—Severe	2—Poor
1—Barely audible	1—Extreme	1—Extreme	1—Extreme	1—Unusable

300 watts.

As of this writing, I have not heard of even one clearcut logging of this station in the U.S. or Canada, though under optimum conditions it may be possible—especially on the West Coast.

It is extremely unlikely our reader actually was hearing Radio NYAB. I think he allowed himself to be fooled into thinking he was. I suppose he was aware of the station's frequency and schedule, heard something on about the right frequency and jumped to a hasty conclusion.

His SINPO reading shows a signal so weak as to be virtually useless for identifying the station, and no indication at all of the P reading (normally considered the fading aspect), and a poor overall rating.

Even under the best possible reception conditions, three minutes is not enough logging time. The signal was even too weak to hear an announced identification.

This was a case of a sloppy job of DXing. Some persons might brand this a case of phony reporting—which is about the worst that can be said about any SWL. I think, however, that it was just a case of an individual who badly wanted to hear what he describes in his letter as a "very rare station" and through inexperience, and his intense desire to log real DX, got very careless.

I'd refer our young reader back a few pages to the section for advancing listeners and the way to identify the harder-to-hear shortwave stations. But, you say, he got a reply to his report from the station. Doesn't that prove he heard it?

Unfortunately, no! He got what he described as a "semi-confirmation," a note that thanked him for listening. Some stations, purely out of politeness or in the interest of establishing a feeling of good will, will reply to any and all reports, correct or not, even letters just requesting information about the

station or its schedule.

QSLs are a lot of fun to receive. They can, in some cases, be considered real proof of receptions. But, frankly, there are some stations who reply with "semi-confirmations" without even checking. So QSLs aren't always proof!

So, in your loggings, be careful and don't let your desire that the faint signal you're tuned to is a certain, rare bit of DX lead you to conclusion jumping.

On to a more positive note and a letter from another young reader, 16-year-old Marty Delfin of Cleveland, Ohio.

"The other night," Marty writes, "I ran into a station which starts its transmissions at 0730 GMT in the 41 meter band. It is a religious station, on which the announcer says, 'This is the Trans World Radio at Monte Carlo.' Did I really hear Monte Carlo, Monaco, or something else?"

Believe your ears, Marty! Yes, you heard TWR, Monte Carlo, Monaco, signing on at 0730 GMT on 7,105 kHz. Send your reception report to Post Office Box 141, Monte Carlo.

Marty also has a tip for those listeners who may not be allowed to erect an antenna outdoors. He uses a multi-band portable receiver with a whip antenna. He connected his shortwave telescoping antenna "to a long piece of aluminum foil, which is taped to the walls. Reception is good and I have logged over 30 countries."

Marty's solution may not help everyone, but it shows what a little ingenuity can do when it comes to antenna experimentation.

Tim Leier, Swift Current, Saskatchewan, asks about Radio Nederland, which he hears on "about 6.2 MHz." Tim asks about the station's exact frequency and address "because no matter how long I listen, they announce neither.



"Please note that I'm holding my No. 1 DX guide, COMMUNICATIONS WORLD," writes Bob Brossell of Milwaukee. I wouldn't miss an important thing like that, Bob. The receiver on Bobs' desk is the popular new Yaesu Musem FRG-7, dubbed by DXers as the Frog-7, or simply the Frog. To the left of the receiver in our reader's DX den is a McKay-Dymek DA-5 medium wave antenna; to the right is a Yaesu world time clock. "I have over 85 countries verified in my 13 years of listening," Bob reports.



This fellow, busily logging a new station, is Richard Swanson of Wellman, Iowa. Richard has been a DXer since 1959 and says he has "all kinds of countries logged and verified." His receivers are a Realistic DX-160 with a Hallicrafters S-120 and Knight Span-master as standbys.

Please help me."

Righto, Tim. At this writing Radio Nederland is broadcasting on 6,165 kHz. Send your reports to Radio Nederland, Box 222, Hilversum, Holland.

Time Tickers on SW. "On February 15, I heard the Argentine time station on 10,000 kHz. It is LOL1 in Buenos Aires."

That's a nice catch, Hal Hillman of Barrington, R.I. But on occasions these foreign time stations can slip through the interference from WWV. Hal continued, "Would you please send me the address where I can send for a QSL?" Okay, Hal, it is this: Servicio de Hidrografia Naval, Observatorio Naval, Avenida Costanera Sur 2099, Buenos Aires, Argentina.

In concluding, Hal notes that he has received a QSL from the French time station, FTK77 in Pontoise, France.

That will be good news to Harve Hanson of Minneapolis, Minn., who asks for that station's address.

Harve says he heard the station on 10,775 kHz around 2100 GMT.

And for you, Harve, the address of FTK77 is Bureau International de L'Heure, 61 Avenue d l'Observatoire, 75014, Paris, France.

Our readers ask and our readers answer.

Edouard S. Provencher, Biddeford, Me., asks for the address of the Canadian time-ticker CHU on 3,330 kHz and other frequencies.

Alan D. Draper, Glen Burnie, Md., has the answer: "Radio Station CHU, National Research Council of Canada, Ottawa, Ontario, Canada K1A OS1." Thanks to you both.

Next, three letters from readers:

David Jackson, Lombard, Ill.: "I've received two radio stations on the same

DX CLUBS YOU CAN JOIN

One of the best ways of learning all about DXing, and keeping up to date on the rapidly changing world of DX, is to join one or more of the fine DXing clubs. The following clubs are affiliated with the Association of North American Radio Clubs (557 North Madison Ave., Pasadena CA 91101). There are nine affiliated clubs in North America, each covering one or several aspects of the DX hobby. In addition, ANARC has six smaller, but growing, associate member clubs.

ANARC MEMBER CLUBS

American Shortwave Listeners Club, 16182 Ballad Lane, Huntington Beach CA 92649.

Covers shortwave, BCB, utility DXing, QSLs, information for beginners. Bulletin published monthly. Dues \$12 per year. Sample bulletin available for 75 cents.

Canadian International DX Radio Club, 169 Grandview Ave., Winnipeg, Manitoba R26 0L4.

Covers shortwave, BCB, TV-FM, QSLs, utility DX and ham bands. Bulletin published monthly. Dues \$7.50 per year, \$10 overseas. Sample bulletin available for 30 cents.

International Radio Club of America, P.O. Box 21462, Seattle WA 98111.

Covers medium wave BCB only, domestic and foreign DX. Bulletin published 34 times per year. Dues \$9.50 per year first class mail; \$13 airmail. Sample bulletin available for 50 cents.

North American Shortwave Association, P.O. Box 13, Liberty, IN 47353.

Covers shortwave broadcast, QSLs, technical and DX articles. Bulletin published monthly. Dues \$12 per year first class mail. Sample copy available for 50 cents. List of shortwave stations broadcasting in the English language, frequencies and times available to non-members free upon receipt of stamped, self-addressed large envelope.

RC-USA, 1602 West Pierson Avenue, #229, Phoenix AZ 85015.

Covers SWLing and BCB, QSLs. Bulletin published monthly. Dues \$5 per year. Sample bulletin available for 25 cents.

SPEEDX, P.O. Box E, Elsinore CA 92330.

Covers shortwave broadcast, QSLs, technical topics. Bulletin published monthly. Dues \$12 per year first class. Sample bulletin available for \$1 or six International Reply Coupons. Series of Basic Information Pamphlets (BIP) on such subjects as shortwave antennas, how to verify stations, basic propagation information, etc., available to non-members free upon receipt of stamped, self-addressed large envelope.

SWL International, c/o Chris Hansen, 100 W. 92nd St., Apt. 5B, New York NY 10025.

Covers shortwave broadcast only. Bulletin published monthly. Dues \$6 per year. Sample bulletin available for 40 cents.

Worldwide TV-FM DX Association, P.O. Box 163, Deerfield IL 60015.

Covers FM, TV, VHF-UHF DXing only. Bulletin published monthly. Dues \$11 per year. Sample bulletin available for 75 cents.

National Radio Club, P.O. Box 127, Boonton NJ 07005.

Covers medium wave BCB only, domestic and foreign, technical articles, members' musings (discussion). Bulletin published 32 times a year. Dues \$14 per year first class, \$15 airmail. Sample bulletins available for 75 cents.

In addition to the member clubs, ANARC has six special interest or regional clubs which have been granted associate status.

ANARC ASSOCIATE CLUBS

Handicapped Aid Program, c/o Ted Poling, HAP Director, P.O. Box 163, Mt. Sterling IL 62353. (Information on the HAP program may be found elsewhere in this issue of COMMUNICATIONS WORLD).

Miami Valley DX Club c/o Leonard J. Wyatt, 170 Notre Dame Ave., Dayton OH 45404.

Minnesota DX Club, c/o Tom Gavaras, 16920 17th Ave., North, Wayzata MN 55391.

Rocky Mountain DXers Association, 3701 South Dexter Way, Denver CO 80222.

Transworld DX Club, c/o John Chapman, 606 St. Andrews Road, West Vancouver, British Columbia, Canada V7S 7V4.

University of Manitoba DX Club, Room 515, University Centre, Winnipeg, Manitoba, Canada R3T 2N2.



Peter Pompe is a Belgian listener who does his DXing with a Hallicrafters SX122A receiver. Peter is a professional translator, a job that comes in handy when it comes to shortwave listening.

TIME AND FREQUENCY STATIONS

This is a selected list of some of the standard time and frequency stations operating in the world. A number of them use common frequencies such as 2.5, 5, 10, 15, 20 MHz, hence only unusual conditions will allow them to be heard through the U.S. stations, WWV, Ft. Collins, CO and WWVH in Hawaii. Others use different frequencies. Only a few operate 24-hours a day, as do WWV, WWVH and the Canadian station, CHU.

LOCATION	CALL LETTERS	FREQUENCY (KHz)
Chavannes, France	FFH	2,500
Lidice, Czechoslovakia	OMA	
Ft. Collins, CO	WWV	
Kauai, Hawaii	WWVH	
Rugby, Gt. Britain	MSF	
Osterloog, W. German	DAN	2,614
Kiel, W. Germany	DAO	2,775
Podebrady, Czechoslovakia	OLB5	3,170
Dixon, CA	NPG	3,268
Ottawa, Canada	CHU	3,330
Nauen, E. Germany	DIZ	4,525
Torino, Italy	IBF	5,000
Koganei, Japan	JJY	
Moscow, USSR	RAT	
Tashkent, USSR	RCH	
Olifantsfontein, S. Africa	ZUO	
Ft. Collins, CO	WWV	
Kauai, Hawaii	WWVH	
Caracas, Venezuela	YVTO	6,100
Lyndhurst, Australia	VNG	7,500
Guam, Marianas	NPM	8,150
Elmshorn, W. Germany	DAM	8,638
Shanghai, China	BVP	9,368
Koganei, Japan	JJY	10,000
Buenos Aires, Argentina	LOL	
Olifantsfontein, S. Africa	ZUO	
Irkutsk, USSR	RID	10,004
Pontoise, France	FTK77	10,775
Balboa, Canal Zone	NBA	11,080
Lyndhurst, Australia	VNG	12,000
Annapolis, MD	NSS	12,135
Shanghai, China	XSG	12,875
Rio de Janeiro, Brazil	PPR	13,105
Ottawa, Canada	CHU	14,670
Novosibirsk, USSR	RTA	14,996
Buenos Aires, Argentina	LOL	15,000
Ft. Collins, CO	WWV	
Kauai, Hawaii	WWVH	
Koganei, Japan	JJY	
Rio de Janeiro, Brazil	PPR	17,194
Ft. Collins, CO	WWV	20,000
Kauai, Hawaii	WWVH	
Lualualei, Hawaii	NPM	22,593

frequency of about 5,650 kHz. One identifies itself as Gander Radio. The other identifies as Radio New York. Both broadcast weather. Can you tell me exactly what they are?"

Paul Fraser, Antigonish, Nova Scotia: "Could you tell me about Gander and the New York weather stations which I frequently hear on my SW radio about 6 MHz?"

John Harlow, Bridgewater, Nova Scotia: "How about the address of New York Radio, a VOLMET aero transmitting station, and Gander Radio, the same sort of station in Gander, Newfoundland, Canada?"

Okay, gang, John is right on target. The New York and Gander stations are VOLMET operations, which provide regular weather data for aircraft on the North Atlantic routes. They use the same frequencies, 3,001, 5,652, 8,868 and 13,272 kHz. New York Radio uses the frequencies from the hour to 20 minutes past, and again from the half hour to 50 minutes past each hour. Gander occupies those channels from Hour+20 to 30 minutes and again for the last ten minutes of each hour.

Gander Aeradio's address is care of the Chief Communications Officer, Aviation Weather Service, Meteorological Agency, Gander International Airport, Gander, Newfoundland, Canada. New York Radio can be reached by writing New York Radio, IFS Transmitting Station, A.F. Sector Field Unit 820.1, Cherry Avenue, West Sayville, New York 11796.

"Utility station listeners can find some very interesting listening on the U.S. Coast Guard Search and Rescue frequencies," writes David Stancel of Ringgold, Ga. "The frequencies are 5,680, 5,695, 5,692, 6,521.8 and 8,984 kHz. When conditions are right, San Francisco can be logged with ease on 5,696 kHz."

And Tim Starr, Macon, Ga., has this to add: "U.S. Coast Guard at Portsmouth, Va., broadcasts offshore weather for Atlantic Ocean mariners on the frequencies of 4,393.4, 6,521.8, and 8,760.8 kHz. This station transmits at 0400, 1000, 1600 and 2200 GMT."

And more from John Soneff Jr., New Orleans: "I pick up marine traffic on the Intercoastal Waterway on 6,211 kHz in single sideband transmissions. I also hear the Mississippi River barges on about that frequency, calling in to base stations and barge companies, reporting their positions and situations. This traffic seems to peak about 2200 GMT."

Thanks, Dave, Tim and John for that info for nautically minded DXers.

Paul Nielsen, Fremont, Cal., says he found the information on utility DXing in the Fall-Winter 1976 CW "very interesting."

"But," he adds, "you made it sound like there is no use in sending reception reports. I did, and many stations send QSLs."

Well, Paul, I didn't mean to confuse anyone. Some utility, that is non-broadcast type, SW stations will verify correct reports, but many won't. The utility type stations, frankly, aren't seeking re-

ports from listeners. Out of courtesy, some will reply by card and letter, but it is a bit "iffy" and I wanted CW readers to be aware of that fact.

Incidentally, a good source of information on the non-broadcast utility stations on shortwave are the various publications of Handler Enterprises, P.O. Box CC, Northfield, Ill. 60093. There also is advance word that one of the major DX clubs, SPEEDX, P.O. Box E, Elsinore, Cal. 92330, will re-release an updated version of its utility DXing Handbook. Write for further details.

Some interesting thoughts on listening to shortwave, as opposed to SWling as a hobby, come from Lawrence I.

(Continued on page 100)

THE INTERNATIONAL MORSE CODE

φ means zero, often written with the "slash" to distinguish it from the letter "O". Often transmitted instead as one long dash, equivalent in length to five dots.

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

Period	·-·-·-	Wait Sign (AS)	·-·-·
Comma	·-·-·-	Double dash (Break)	·-·-·-
Question mark	·-·-·-	Error (Erase sign)	·-·-·-
Quotation mark	·-·-·-	Fraction bar (slash)	·-·-·-
Colon	·-·-·-	End of message (AR)	·-·-·-
Semicolon	·-·-·-	End of transmission (SK)	·-·-·-
Parenthesis	·-·-·-	International Distress Signal (SOS)	·-·-·-

FIXED CIRCUIT FREQUENCIES

The fixed circuit point-to-point stations are assigned by the International Telecommunications Union to a number of specific shortwave bands, some of which are shared with other types of services. The following bands are, theoretically, reserved for fixed circuit communications: (Frequencies in kHz)

4000-4063	9775-10000	15450-16460
5060-5450	10100-11175	17360-17700
5730-5950	11400-11700	18030-20000
6765-7000	11975-12330	21750-21850
7300-8195	13360-14000	22720-23200
9040-9500	14350-15000	24000-25000

And the following bands are shared with other types of radio services.

1605-2065	4438-4650	25000-25600
2105-2850	4750-5060	26100-28000
3155-3400	21850-22000	29700-30000
3500-4000	23200-24000	

WHITE'S RADIO LOG

AN UP-TO-DATE DIRECTORY OF NORTH AMERICAN AM, FM, AND TV STATIONS
INCLUDING A SPECIAL SECTION OF WORLDWIDE SHORTWAVE STATIONS

U.S. AM STATIONS BY FREQUENCY

Call	Location	W.P.	Call	Location	W.P.	Call	Location	W.P.	Call	Location	W.P.
540—555.5			WSYR Syracuse, N.Y.	5000	WCVP Murphy, N.C.	1000d	WMFD Wilmington, N.C.	1000			
KVIP Redding, Calif.	1000	WWNC Asheville, N.C.	5000	WJVS Winston-Salem, N.C.	5000	KWRD Coquille, OR	5000d				
WGTO Cypress Gardens, Fla.	5000d	WLEL Raleigh, NC	500d	KBJB Jamestown, N.D.	5000	WEJL Searsville, Pa.	500d				
WDAK Columbus, Ga.	8000	WKBN Youngstown, OH	5000r	WSOM Salem, Ohio	800d	WQBS San Juan, P.R.	8000				
KWMT Ft. Dodge, Iowa	8000d	WNAX Yankton, S.Dak.	5000	WFRM Coudersport, Pa.	1000d	WPKU Proviencia, K.I.	500d				
KNDE Monroe, La.	8000	WFAA Dallas-Ft. Worth TX	5000	WACL Mayaguez, P.R.	1000	KMAC San Antonio, Tex.	5000				
WDMV Pocomoke City, Md.	800d	KLUB Salt Lake City, Utah	5000	WREC Memphis, Tenn.	8000	KSXX Salt Lake City, Utah	1000d				
WLIX Islip, N.Y.	500d	KVI Seattle, Wash.	8000	KROD El Paso, TX	5000	KQDN Edmonds, WA	5000d				
WETC Wendell-Zebulon, N.C.	5000d	WMAM Marinette WI	250r	KEIS Kermit, Tex.	1000d	KZUN Opportunity, WA	1000d				
WARD Canonsburg, Pa.	250d	580—516.9		KTBB Tyler, Tex.	1000	640—468.5					
WYNN Florence, S.C.	250d	WBIL Tuskegee AL	500d	WVAR Richwood, W.Va.	1000d	KFI Los Angeles, CA	5000d				
WDXN Clarksville, Tenn.	1000d	KYUK Bethel AK	5000d	610—491.5		WOI Ames, Iowa	5000d				
KDLT Delta, UT	1000d	KIKX Tucson AZ	5000r	WSGN Birmingham AL	5000r	WHLO Akron, OH	1000d				
WRIC Richlands, Va.	1000d	KMJ Fresno, Calif.	5000	KAVL Lancaster, CA	1000r	WNAD Norman, OK	1000d				
WYLO Jackson, Wisc.	280d	KUBC Montrose, Colo.	5000	KFRS San Francisco, CA	5000	650—461.3					
550—545.1		WDBO Orlando, Fla.	8000	WSNG Torrington, CT	1000	KYAK Anchorage AK	50000r				
KENI Anchorage AK	5000	WGAC Augusta, Ga.	5000	WIOD Miami, Fla.	8000	KORL Honolulu, HI	10000				
KDY Phoenix AZ	5000r	KFXD Nampa, Idaho	8000	WHYM Pensacola, FL	500d	WSM Nashville, Tenn.	50000				
KAFY Bakersfield, Calif.	1000	WILL Urbana, Ill.	8000d	WCEH Hawkinsville, Ga.	500d	KIKK Pasadena, Texas	250d				
KRAI Craig, Colo.	5000	KSAC Manhattan, Kans.	5000	KUAM Agana, GU	10000r	660—454.3					
WAYR Orange Park, Fla.	1000d	WIBW Topeka, Kans.	5000	WRUS Russellville, Ky.	5000	KFAR Fairbanks AK	10000				
WGGG Gainesville, Ga.	5000	KALB Alexandria, La.	8000	KDAL Duluth, Minn.	5000	KOWH Omaha, Neb.	1000d				
KMVI Walluku, Hawaii	8000	WTAG Worcester, Mass.	8000	WDAF Kansas City, MO	5000	WNBC New York, N.Y.	50000				
KFRM Ballina, Kans.	8000d	WELO Tupelo, Miss.	1000	KOJM Havre, Mont.	1000	WESC Greenville, S.C.	1000d				
WDBI Columbus, Miss.	1000	KANA Anaconda, Mont.	1000d	KCSR Chadron, Nebr.	1000d	KBKY Dallas, Tex.	10000d				
KSD St. Louis, Mo.	5000	WAGR Lumberton, N.C.	800d	WGBR Manchester, N.H.	5000	670—447.5					
KBOW Butte MT	5000r	WKSK W. Jefferson NC	800d	KRKE Albuquerque, NM	8000	KDLG Dillingham, AK	5000r				
WGR Buffalo, N.Y.	5000	KCMX Ashland OR	1000	WAYS Charlotte, N.C.	5000	KPWA Hilo, HI	8000				
WDBM Statesville, N.C.	800d	WHP Harrisburg, Pa.	5000	WTVN Columbus, Ohio	5000	KBJI Boise, Idaho	50000				
KFYR Bismarck, N.Dak.	8000	WKAQ San Juan, P.R.	8000	KILT Houston, Tex.	8000	WMAQ Chicago, Ill.	50000				
WKRC Cincinnati, Ohio	5000	KOBH Hot Springs, S.Dak.	500d	WLSL Roanoke VA	5000	680—440.9					
KOAC Corvallis, Oreg.	8000	WOFE Rockwood, Tenn.	1000d	WHPL Winchester, Va.	500	KBRW Barrow, AK	10 000r				
WHLM Bloomsburg, Pa.	1000	KDAB Lubbock, Tex.	800d	KVNU Logan, Utah	8000	KNBR San Francisco, Cal.	5000				
WPAB Ponce, P.R.	8000	WLES Lawrenceville, Va.	500d	WVLC South Lake Tahoe, CA	2500	WBSA St. Petersburg, Fla.	1000d				
WGNB Pawtucket RI	1000	WCHS Charleston, W. Va.	5000	WTHP LaGrange, Ga.	1000d	WRNG North Atlanta, Ga.	250000r				
KCRS Midland, TX	5000r	WKTY LaCrosse, Wis.	8000	KIPA Hilo, Hawaii	5000	WCTT Corbin, Ky.	1000				
KTSA San Antonio, Tex.	5000	590—508.2		KWAL Wallace, Idaho	1000	WCBM Baltimore, Md.	1000				
WDEV Waterbury, Vt.	8000	WRAG Carrollton AL	1000d	KMNS Sioux City, Iowa	1000	WRKO Boston, Mass.	50000				
WSPA Harrisonburg, Va.	5000	KHAR Anchorage AK	8000	WTMT Louisville, Ky.	500d	WBBC Escanaba, Mich.	50000				
KARI Blaine, Wash.	8000	KBHS Hot Springs, AR	5000	WLBZ Bangor, Maine	8000	KFEQ St. Joseph, Mo.	5000				
WSAU Wausau, Wis.	8000	KFXM San Bernardino, Cal.	1000	WJJA Jackson, Miss.	5000	KWKA Clevis, N.M.	5000				
560—535.4		KTHO South Lake Tahoe, CA	2500	WVWJ Newark, N.J.	5000	WINR Binghamton, N.Y.	1000				
WOOF Dothan AL	5000d	KCSJ Pueblo, Colo.	1000	WDNC Durham, N.C.	500d	WNVR Rochester, N.Y.	250d				
KYOK Kodiak AK	1000	WDLP Panama City, Fla.	1000	WORG Portland, Oreg.	8000	WPTF Raleigh, N.C.	50000				
KBLU Yuma, AZ	1000	WPLQ Atlanta, Ga.	5000	WHB Greensburg, PA	2500d	WRGC Blythe, NC	1000r				
KSFQ San Fran., Calif.	8000	KGMB Honolulu, Hawaii	5000	WCAY Cayce, S.C.	500d	WISR Butler, Pa.	250d				
KLZ Denver, Colo.	5000	KID Idaho Falls, Idaho	5000	WRJJ Knoxville, TN	5000	WAPA San Juan, P.Rice	1000				
WQAM Miami, Fla.	8000	WRTH Wood River, IL	1000	KWFT Wichita Falls, Tex.	8000	WMPB Memphis, Tenn	10000				
WIND Chicago, Ill.	8000	WVLC Lexington, Ky	5000	WVNR Burlington, Vt.	5000	KKYX San Antonio, TX	50000r				
WMIK Middleboro, Ky.	500d	WEEI Boston, Mass.	5000	WVNR Beckley, W.Va.	1000	KOMW Oaak, WA	5000r				
WGAN Portland, Maine	5000	WJMS Ironwood, Mich.	5000	WTMJ Milwaukee, Wis.	5000	WCAW Charleston, WV	5000r				
WFRB Frostburg, Md.	1000d	WKZO Kalamazoo, Mich.	8000	620—483.6		690—434.5					
WHYN Springfield, Mass.	8000	KGLE Glendive, Mont.	800d	KTAR Phoenix AZ	5000	WVOK Birmingham AL	50000				
WHDN Monroe, MI	500d	WOW Omaha, Nebr.	5000	KNGS Hanford, Calif.	1000	KEOS Flagstaff AZ	1000r				
WEBC Duluth, Minn.	5000	WROW Albany, N.Y.	5000	KWSD Mt. Shasta, Calif.	1000d	KEYT Tucson AZ	250d				
KWTD Springfield, Mo.	5000	WCAB Rutherfordton, N.C.	5000	KSTR Grand Junction, Colo.	5000d	KBBA Benton AR	250d				
KMON Great Falls, Mont.	5000	WGTM Wilson, N.C.	8000	WSUN St. Petersburg, Fla.	5000	KAPI Pueblo, Colo.	250d				
WGCK Catskill, N.Y.	1000	KUGN Eugene, Oreg.	5000	WTHP LaGrange, Ga.	1000d	WABS Ansonia, Conn.	5000				
WGAI Elizabeth, N.C.	1000	WARM Seranton, Pa.	5000	KIPA Hilo, Hawaii	5000	WAFE Jacksonville, Fla.	50000				
WFIL Philadelphia, Pa.	8000	WMBR Uniontown, PA	1000	WVWJ Newark, N.J.	5000	KKUA Honolulu, Hawaii	10000				
WIS Columbia, SC	5000	KLBJ Austin TX	5000r	WDNC Durham, N.C.	500d	KBLI Blackfoot, Idaho	10000				
WHBQ Memphis, Tenn.	5000	KSUB Cedar City, Utah	1000	WORG Portland, Oreg.	8000	KGGF Coffeyville, Kans.	10000				
KLVI Beaumont, Tex.	5000	WLVA Lynchburg, Va.	1000	WHB Greensburg, PA	2500d	WTLE New Orleans, La.	10000				
KPQ Wenatchee, Wash.	8000	KNHQ Spokane, Wash.	8000	WCAY Cayce, S.C.	500d	KTCR Minneapolis, Minn.	5000d				
WJLS Beckley, W.Va.	5000	600—499.7		WRJJ Knoxville, TN	5000	KSTL St. Louis, Mo.	1000d				
570—526.0		WIRB Enterprise AL	1000d	KWFT Wichita Falls, Tex.	8000	KEYR Terrytown, Nebr.	1000d				
WAAX Gadsden AL	5000r	KCLS Flagstaff AZ	5000r	WVMT Burlington, Vt.	5000	KRCO Prineville, OR	1000d				
KCMD Altura, Cal.	8000d	KINX Independence, CA	500d	WVNR Beckley, W.Va.	1000	KUSD Vermillion, S.Dak.	1000d				
KLAC Los Angeles, Calif.	8000	KYCV Redding, Calif.	1000	WTMJ Milwaukee, Wis.	5000	KHEY El Paso, Tex.	10000				
WFSD Pinellas Park, Fla.	500d	KOGO San Diego, CA	5000	WVNR Beckley, W.Va.	1000	KPET Lamesa, Tex.	250				
WACL Waycross, Ga.	8000	KIIX Ft. Collins, CO	1000d	WTAC Flint, Mich.	1000d	KZEY Tyler, Tex.	5000d				
KATB Agana, GU	5000	WICC Bridgeport, Conn.	1000	KGEZ Kallspell, MT	1000	WZAP Bristol, Va.	10000d				
WKYX Paducah, Ky.	1000	WMBR Jacksonville, FL	5000	630—475.9		WNNT Warsaw, Va.	250d				
WGMS Bethesda, Md.	5000	WMT Cedar Rapids, Iowa	5000	WAYU Albertville, Ala.	1000d						
KGRT Las Cruces, N.Mex.	5000d	WVOB New Orleans, La.	1000d	WJDB Thomasville AL	1000d						
WmCA New York, N.Y.	8000	WFST Caribou, Maine	5000d	KJNU Juneau AK	1000r						
		WGO San Diego, CA	5000	KVMA Magnolia AR	1000d						
		WBDN Escanaba, MI	1000d	KIDU Monterey, Calif.	1000						
		WTAC Flint, Mich.	1000	KHUW Denver, Colo.	5000						
		KGEZ Kallspell, MT	1000	WMAJ Washington, D.C.	5000						
				WSAV Savannah, Ga.	8000						
				WNEG Tucson, Ga.	500d						
				KIDU Boise, Idaho	8000						
				WVAP Lexington, KY	5000						
				KTIB Thebesaux, La.	500d						
				KDWB Minneapolis-St. Paul MN	5000r						
				KXUK St. Louis, Mo.	5000						
				KGWV Belgrad, Mont.	1000d						
				KOH Reno, NV	5000						
				KLEA Livingston, N.Mex.	500d						
				WIRC Hickory, N.C.	1000d						

□ Abbreviations used in this list: kHz—frequency in kilohertz; MHz—frequency in megahertz; W.P.—power in watts; d—daytime operation only; r—reduced power at night; n—nighttime power; C.L. or Call—call letters or call sign; Chan. or Ch.—TV channel number; †—educational TV station. Wavelength is given in meters. Listing indicates stations on the air as of June 21, 1976.

U.S. AM STATIONS BY FREQUENCY

Call	Location	W.P.	Call	Location	W.P.	Call	Location	W.P.	Call	Location	W.P.
WVMC Mt. Carmel, Ill.	800d	KTOM Salinas, Cal.	800d	KTUC Tucson AZ	100d	KBYG Big Spring, Tex.	190d				
WVFA Watseka, Ill.	1000d	KFLI Wauseon, Colo.	1000d	KVOY Yuma AZ	250r	KUNO Corpus Christi, Tex.	100d				
KHAK Cedar Rapids, Iowa	1000d	WOWW Naugatuck, Conn.	590d	KELD El Dorado AR	1000r	KILE Galveston TX	100d				
KBKD Fort Madison, IA	1000d	WAMS Wilmington DE	590d	KCLA Pine Bluff AR	1000r	KGLV Greenville, Tex.	100d				
KBCJ Sioux Falls, Iowa	500d	WLLS Lake Waukegan, Ill.	500d	KWLN Wynne, AR	1000r	KEBE Jackson, Tex.	100d				
KBTO El Dorado, Kans.	800d	WDAT Ormond Beach FL	5000r	KRE Berkeley, CA	1000r	KIUN Pecos, Tex.	1000				
WFLW Monticello, Ky.	1000d	WLCY St. Petersburg, Fla.	300d	KRCQ Indio, CA	1000r	KEYE Perryton, Tex.	1000				
KD XI Mansfield, La.	1000d	WAOK Atlanta, Ga.	500d	KQMS Redding CA	1000r	KVOP Plainview, Tex.	1000				
KNIR New Iberia, La.	1000d	WSIZ Ocala, Ga.	5000d	KSLY San Luis Obispo, CA	1000r	KDWT Stamford, Tex.	1000				
KTLD Tallulah, La.	800d	KPOI Honolulu, Hawaii	5000	KAAP Santa Paula, CA	1000r	KTEM Temple, Tex.	1000				
WEBB Baltimore, MD	1000d	WBEL So. Beloit, Ill.	5000	KTRT Truckee, CA	1000r	KTFE Texarkana, Tex.	1000				
WNRN Lynn, WA	1000d	KCIM Carroll, Iowa	1000	KUKI Ukiah, CA	1000r	KVOU Uvalde, TX	1000				
WKYO Caro, MI	1000d	KCII Washington, Iowa	800d	KDNG Visalia, CA	250	KFTN Provo, UT	1000				
WKMI Kalamazoo, Mich.	5000	KCNW Fairway, KS	500d	KRLN Canon City, Colo.	250	WDDT Burlington, Vt.	1000				
KRWC Buffalo MN	500d	WMTA Central City, Ky.	5000	KDTA Delta, Colo.	250	WELK Charlottesville, Va.	1000				
KMRN Cameron MO	500d	WVKY Winchester, Ky.	1000d	KFTM Ft. Morgan, Colo.	250	WHVH Hillsville, Va.	1000				
KLRS Mountain Grove, Mo.	1000d	WYNK Baton Rouge, La.	1000d	KBZZ La Junta, Colo.	1000	WPCE Portsmouth, VA	1000r				
KKIC McCook, Nebr.	1000d	WKIJ Fairport, Me.	1000d	KIDN L. Pueblo, CO	1000	WHLF So. Boston, Va.	1000				
WNIN Newton, Ind.	1000d	WPHM Port Huron, Mich.	5000	KPAG Pagosa Springs, CO	1000r	WRIE Williamsburg, Va.	1000				
WBBZ Vineland, N.J.	1000	WRPL Greenville, Mich.	1000	WILC Williamstown, Conn.	1000	KEDD Longview, Wash.	1000				
KRRR Ruidoso, NM	5000d	KLIZ Brainerd, Minn.	5000	WILP Wilmamantic, Conn.	1000	KRSC Othello, Wash.	1000				
WKOP Binghamton, N.Y.	5000	KAGE Winona, Minn.	5000	WFTL Ft. Lauderdale, Fla.	1000	KTNT Tacoma, Wash.	1000				
WMNS Olean, N.Y.	1000d	WDLT Indiana, Miss.	500d	WPRY Perry, FL	1000r	WBBN Clarksburg, WV	1000r				
WCHL Chapel Hill, N.C.	1000	KVBR Holden, N.H.	800d	WIRA Ft. Pierce, Fla.	1000	WVRN Recevets, WV	1000r				
KVSR Williamsport, Pa.	5000	WBBP Portsmouth, N.H.	5000	WNUE Ft. Walton Beach, Fla.	1000	WRON Spencer, WV	1000r				
WOWW Censaut, Ohio	1000	WVIN Bath, NY	5000	WERD Jacksonville FL	1000	WVAK Wheeling, WV	1000				
KOHU Hermiston, OR	800d	WBNX New York, NY	5000	WPSB Zephyrhills, Fla.	1000	WBTH Williamsport, WV	1000r				
KUIK Hillsboro, Oreg.	1000d	WKKE Asheville, N.C.	5000	WULF Alma, Ga.	1000	WATW Ashland, WI	1000r				
WIXZ McKeesport, Pa.	5000d	WBIK New Bern NC	5000d	WUGC Elberton, GA	1000r	WBIZ Eau Claire, WI	1000r				
WPPA Pottsville, Pa.	5000	WTOB Winston-Salem, N.C.	5000	WDEW Macon, Ga.	1000	WDUJ Green Bay, WI	1000r				
WPCF Camuy, PR	1000r	WLRD Lorain, OH	500d	WNEJ Newnan, Ga.	1000	WRJN Racine, WI	1000r				
WELP Easton, S.C.	1000d	WKDQ Waverly, OH	1000d	WSDA Savannah, Ga.	1000	WRDB Reedburg, WI	1000r				
WLCM Lancaster, S.C.	1000d	KSWD Lawton, Okla.	1000	KART Jerome, Ida.	1000	WVAU Warsaw, WI	1000				
WBLC Lenoir City, Tenn.	1000	KMUS Muskogee, Okla.	1000	KRPL Moscow, Ida.	1000	KATI Casper, WY	1000r				
WNAH Nashville, Tenn.	1000d	KBCN Lincoln City OR	1000d	KIGD St. Anthony ID	800d	KODI Cody, WY	1000r				
KQIZ Amarillo, TX	500d	KSRV Ontario, OR	5000r	KSPT Sandpoint, Idaho	1000						
KACT Andrews, Tex.	1000d	WACB Kittanning, Pa.	1000d	WDWS Champain, Ill.	1000	1410—212.6					
KBUK Baytown, TX	1000	WMLP Milton, Pa.	1000d	WGIL Galesburg, Ill.	1000	WUNI Mobilis AL	5000				
KKWS Corpus Christi, Tex.	1000	WAYZ Waynesboro, Pa.	1000d	WROZ Evansville, Ind.	1000	WPXC Prattville AL	5000				
KXOL Ft. Worth, Tex.	5000	WNRJ Woonsocket, R.I.	1000d	WRAR Hartford, Conn.	1000	WZZZ Tusculum, AL	1000				
WDBB Galax, Va.	1000d	WAGS Bishopville, S.C.	1000d	KCOG Centerville, Ia.	800	KTSB Fort Smith AR	1000d				
WMBG Harrisonburg, Va.	5000d	WUGS N. Augusta, S.C.	1000	KVFD Fort Dodge, Iowa	1000	KERN Bakersfield, Calif.	1000				
KRKO Everett, WA	5000u	KOTA Rapid City, S.Dak.	500d	KVOE Emporia, Kans.	1000	KRML Carmel, Calif.	5000				
KMO Tacoma, Wash.	800d	KFCB Redfield, SD	500d	KCVN Hays, Kans.	1000	KKOK Lampoc, Calif.	5000				
WHIC Watsean, W.V.	1000d	WWSY Clinton, TN	5000d	KWYN Cynthia, Ky.	500	KMYC Marysville, Calif.	5000				
WMDV Franklin, Va.	1000d	WIZD Franklin, TN	5000d	WIEL Elizabethtown, Ky.	1000	KCAL Redland, CA	5000r				
WGEE Green Bay, Wis.	5000	WTNN Millington, TN	1000	WFTQ London, Ky.	250	WFLC Ft. Collins, Colo.	1000				
WISV Viroqua, WI	1000	KJET Beaumont, TX	1000d	WFRP Hammond, La.	1000	WPOP Hartford, Conn.	5000				
WMNE Monomonee, Wis.	1000d	KBWD Brownwood, TX	1000	KADK Lake Charles, La.	1000	WDOV Dover, Del.	8000				
KRKK Rock Springs, WY	1000	KMUL Muleshoe, TX	1000d	KWLA Many, LA	1000r	WMYR Fort Myers, Fla.	5000				
		WBSP Pleasanton, TX	1000d	WRDO Augusta, Maine	1000	WZST Leesburg, Fla.	1000d				
		WYSB Rutland, VT	1000	WDDF Biddeford, Maine	1000	WDNS Tallahassee, Fla.	5000d				
		WLVV Lebanon, VA	5000	WMCS Machas, Mo.	1000	WGRI Grimm, Ga.	1000				
		WTVR Richmond, VA	5000	WWIN Baltimore, Md.	1000	WDAK McRae, GA	1000				
		KRKO Everett, WA	5000	WALE Fall River, Mass.	1000	WLAQ Rome, GA	1000				
		KEZE Spokane, WA	5000d	WLLH Lowell, Mass.	1000	WRMN Elgin, Ill.	1000d				
		WMTD Hinton, W.Va.	1000d	WHMP Northampton, Mass.	1000	WTIM Taylorville, Ill.	1000d				
				WKNR Battle Creek MI	1000	WAZY Lafayette, Ind.	1000d				
				WHFR Detroit, Mich.	1000	KGRN Grinnell, Iowa	5000				
				WHDF Houghton, MI	1000	WLEW Le Mars, Iowa	1000d				
				WGON Munising MI	1000r	KCLD Leavenworth, Kans.	5000d				
				WSAM Saginaw, Mich.	1000	KWBB Wichita, Kans.	5000				
				WSJM St. Joseph, Mich.	1000	WLBJ Bowling Green, Ky.	5000				
				WTM Traverse City, Mich.	1000	WHLN Harlan, Ky.	5000d				
				KVCL Long Prairie, Minn.	1000	KDBS Alexandria, La.	1000d				
				KMHL Marshall, Minn.	1000	WHAQ Halfway, Md.	1000d				
				KEYL Long Prairie, MN	1000	WQKW Brockton, Mass.	1000				
				KEYE Minneapolis-St. Paul MN	1000r	WGRD Grand Rap., Mich.	1000d				
				WHLS Virginia, Minn	1000	KLFD Litchfield, Minn.	5000				
				WHBP Booneville, Miss.	1000	KRWB Roseau, Minn.	1000d				
				WNBC Columbus, Miss.	1000	WDSK Cleveland, Miss.	1000d				
				WGGG Grenada, Miss.	1000	WBKN Newton, Miss.	800d				
				WFOR Hattiesburg, Miss.	1000	WFML Norfolk, Tenn.	1000d				
				WJQS Jackson, Miss.	1000	WHTG Eatontown, N.J.	500d				
				KFRU Columbia, Mo.	1000	WDDE Dunkirk, N.Y.	1000				
				KJCF Festus, Mo.	1000	WELM Elmira, N.Y.	1000				
				KSMI Sikeston, Mo.	1000	WOTT Watertown NY	5000r				
				KTTS Springfield MO	1000	WEGO Concord, N.C.	1000d				
				KDCE Deer Lodge, MT	1000	WBRG Durham, N.C.	1000d				
				KXGN Glendive MT	1000	WVCG Shalotte, N.C.	5000				
				KARR Great Falls MT	1000	WING Dayton, Ohio	8000				
				KBRB Ainsworth, Neb.	1000	KPAM Portland OR	5000d				
				KCUW Alliance, Nebr.	1000	WLSH Lansford, Pa.	5000d				
				KLIN Lincoln, Nebr.	1000	KQV Pittsburgh, Pa.	5000				
				KWNR Winterset, Mo.	1000	WPCC Clinton, S.C.	1000d				
				KXGN Glendive MT	1000	WYMB Manning, S.C.	1000d				
				KARR Great Falls MT	1000	WCMR Martin, Tenn.	1000d				
				KBRB Ainsworth, Neb.	1000	KBDI Abilene, Tex.	1000d				
				KCUW Alliance, Nebr.	1000	KBAN Bowie, Tex.	8000				
				KLIN Lincoln, Nebr.	1000	KJCH Cleveland, TX	5000				
				WASR Wolfboro, NH	5000d	KXIT Dalhart, Tex.	8000				
				KTRC Santa Fe, N.M.	1000	KKYR Marshall, TX	1000				
				KCHS Truth or Consequences, New Mexico	250	KRIG Odessa, Tex.	1000				
				KTNN Tucumcari, N.M.	1000	KBAL San Saba, Tex.	1000				
				WABY Albany, N.Y.	1000	KNAL Victoria, Tex.	500				
				WYSL Buffalo, N.Y.	1000	WIKI Chester, Va.	5000d				
				WYSL Ogdensburg, N.Y.	1000	WRIS Roanoke, Va.	5000d				
				WBMA Beaufort, N.C.	1000	WSCW South Charleston, WV	1000				
				WBGD Greensboro, N.C.	1000	WIZM La Crosse, WI	5000				
				WSHB Rastord, N.C.	1000	KWYD Sheridan, Wyo.	1000				
				WVCB Statesville, N.C.	1000						
				WLSW Wallace, N.C.	1000	1420—211.1					
				WHCC Waynesville, N.C.	1000	WACT Tusculum AL	5000d				
				WSM Waydon, N.C.	1000	KTAN Sierra Vista AZ	1000r				
				KEYJ Jamestown, N.Dak.	1000	KXDW Hot Springs AR	5000d				
				WMAN Mansfield, Ohio	1000	KPOC Pocatontos AR	1000d				
				KWYN Portsmouth, Ohio	1000	KSTN Stockton, Calif.	5000				
				KWGN Garrettsville, Ohio	1000	WLSB Old Saybrook CT	1000d				
				KWMC McAlester, Okla.	1000	WBRD Bradenton, FL	1000				
				KNOR Norman, Okla.	1000	WDBF Delray Beach, Fla.	5000d				
				KNNC Cottage Grove, Oreg.	1000	WAOE St. Augustine, Fla.	1000d				
				KJDY John Day, Ore.	1000	WAVD Avondale Estates, Ga.	1000d				
				WEST Easton, Pa.	1000	WRBL Columbus, Ga.	8000				
				WREC Harrisburg, Pa.	1000	WPHE Louisville, Ga.	1000d				
				WWSF Loretto, Pa.	1000	WLET Toccoa, Ga.	5000r				
				WCKI St. Marys, Pa.	1000	KCCN Honolulu, Hawaii	8000				
				WKBI Scranton, Pa.	1000	WINI Murphysboro, Ill.	5000				
				WRAK Williamsport, Pa.	1000	WIMS Michigan City, Ind.	5000				
				WVOZ Carrollton, P.R.	1000	WDC Davenport, Iowa	8000				
				WVCS Columbia, S.C.	1000	KJCK Junction City, Kans.	1000d				
				WGTN Georgetown, S.C.	1000	KULY Ulyssa, Kan.	5000				
				WKDY Spartanburg, S.C.	1000	WCTR Ashland, Ky.	5000d				
				KBJM Lemmon, S.D.	1000	WHBN Harrodsburg, Ky.	1000d				
				WJZN Clarksville, Tenn.	1000	WVBS Owensboro, Ky.	5000				
				WHUB Cookeville, Tenn.	1000	KPEL Lafayette, La.	1000				
				WLSB Cooperhill, Tenn.	1000	WBSM New Bedford, Mass.	5000				
				WGAP Kingsport, Tenn.	1000	WBEC Pittsford, Mass.	5000				
				WHAL Shelbyville, Tenn.	1000	WAMM Flint, Mich.	8000				
				KRUN Ballinger, Tex.	1000	WKPR Kalamazoo, Mich.	1900d				
						KTOE Mankato, Minn.	5000				
						WSUH Oxford, Miss.	1000d				
						WQBC Vicksburg, Miss.	1000				

U.S. AM STATIONS BY LOCATION

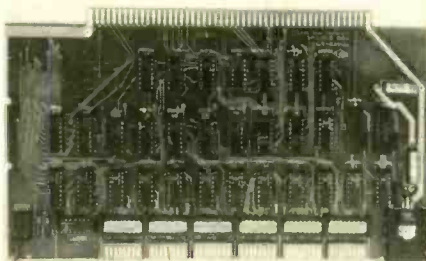
Location	Call kHx	Location	Call kHx	Location	Call kHx	Location	Call kHx	
Anoka, Minn.	KANO 1470	Baltimore, Md.	WBAL 1090		KHEM 1770	Brockport NY	WWEK 1560	
Ansonia, Conn.	WADS 609		WAVE 860		KSBG 1405	Brookton, Mass.	WBET 1460	
Antigo, Wis.	WATK 100		WBBD 250		WLD 1229		WBET 1410	
Apollo, Pa.	WAVL 910		WCAO 800		WLOX 1490	Broken Bow, Nebr.	KCNI 1290	
Apopka, Fla.	WTLN 1820		WCBM 680		WVMI 870	Bronson, Mo.	KBHM 1220	
Apple Valley, Cal.	KAVR 960		WBBB 1380			Brookfield, Conn.	WINE 840	
Apsloten, Wis.	WAPL 1670		WFBH 1300			Brookfield, Mo.	KGHM 1470	
	WHBS 1230		WITH 1210			Brookhaven, Miss.	WCHJ 1470	
	WYNE 1180		WBD 1030				WJMB 1340	
	WTVL 1260		WVIN 1400					
Appomattox, VA	WKAP 1540	Bamberg-Denmark, S.C.	WBBD 770			Brookings, Ore.	KURY 910	
Ap'os-Capitola CA	WUNA 1370		WABD 910			Brookings, S.Dak.	KRRK 1430	
Arab, AL	WRAB 1380	Bangor, Maine	WGUY 1270			Brookline, Mass.	WUOI 1240	
Areadia FL	WAPG 1480		WLBZ 620			Brooksville, Fla.	WVJB 1450	
Arcata, Calif.	KATA 1340	Baraboo, Wis.	WB00 740			Brownland, Tex.	KKUB 1300	
Ardmore, Okla.	KY80 1240	Barceloneta, PR	WBDQ 190			Brownsville, Pa.	WASP 1130	
Ardmore Tenn.	WCNN 1280	Bardtown, Ky.	WBRT 1320			Brownsville, Tenn.	WBHT 1520	
Areibo, P.R.	WNIK 1230	Barbourville, Ky.	WYVW 950			Brownsville, Tex.	KBUR 1600	
	WVIA 1070	Barnesboro, Pa.	WNCC 950			Brownwood, Tex.	KBYD 1590	
Arkadelphia AR	KVRC 1240	Barnesville, Ga.	WBFA 1090				KEL 1240	
	KDOV 1350	Barnwell, S.C.	WBAY 740			Brunswick, Ga.	WUG 1440	
Arkan. City, Kans.	K80K 1280	Barrs, VT.	WBNO 1450				WMOG 1430	
Arlington, Fla.	WKXT 1220	Barrow, AK	KBRW 880				WYNN 790	
Arlington, Va.	WTVE 780	Barstow, Calif.	WTQ 1230			Brunswick, ME	WKKA 900	
	WEAM 1390		KIOT 1310			Brunswick, Md.	WIRI 1620	
Arroyo Grande CA	KFYV 1280	Bartlesville, Okla.	KWON 1400			L.ush, CO	KCMP 1010	
Artesia, N.M.	KBVP 990	Bartow, Fla.	WBAR 450			Bryan, Ohio	WUOH 1240	
Arvada, Colo.	KQXI 1550	Bastrop, La.	WPIU 1130			Bryan TX	KIAM 1240	
Ashburn, Ga.	WMS 1570	Batavia, N.Y.	WETA 1340			Bryson City, N.C.	W8HN 1590	
Asbury Park, N.J.	WJNJ 1310	Batesburg, S.C.	WBLS 1430			Buckhannon, W.Va.	W8UC 1480	
Asbury Park-Eatentown NJ	WHTG 1410	Batesville AR	KBTA 1340			Bucyrus, Ohio	W8CU 1640	
	WGWR 1290	Batesville, Miss.	WBLE 1290			Buena Vista, VA	WBNV 1270	
	WZ00 710	Bath, Maine	WJTO 730			Buffalo-Hodgenville, KY	WLCB 1450	
Asheville, N.C.	WISE 1310	Bath, N.Y.	WVUN 1380				KLBC 1360	
	WKKE 1380	Baton Rouge, La.	WNLX 1550			Buffalo, MN	KBWC 1360	
	WSKV 1230		WYNK 1300			Butte, N.Y.	WBEN 930	
	WWNC 670		WBR 1380				WYSL 1400	
Ashland, Ky.	WGM 1340		WIB0 1150				WEBR 970	
	WTCR 1420		WLCB 1100				WGR 550	
Ashland, Ohio	WNCO 1340		WLOK 1490				WBBW 1820	
Ashland OR	KCMX 580		WLOK 1490				WVWL 1120	
	KDDV 1350		WCKX 830			Buffalo, Wyo.	KBBB 1450	
Ashland, Va.	WATE 1400	Battle Creek MI	WKNR 1400			Buford, GA	WDYX 1480	
Ashland, Wis.	WATW 1490		WYOC 1570			Burgaw NC	WVBX 1470	
Ashtabula, Ohio	WAQI 1600		WUF 1280			Burien, Wash.	KQIN 800	
	WREO 970		WJCF 1270			Curksville, KY	WKYR 1570	
Aspen, Colo.	K8NO 1280		WBNA 1090			Burley, Idaho	KBAR 1230	
Astoria, Ore.	KAST 1370		WBEU 860			Burlington, Colo.	K9AB 1140	
	KV 1730		KLY 580			Burlington, Iowa	KBAA 1460	
Atchinson, Kans.	KARE 1470		KAYC 1450				KKUZ 1150	
Athens, AL	WKAC 1080		KJST 1380			Burlington, N.C.	WBBB 920	
Athens, Ga.	WGAU 1347		KTRM 790				WBAU 1150	
	WDOL 1470		WBEV 1430			Burlington-Graham, N.C.	WBBB 920	
	WRFC 980		WBL 1720				WDT 1400	
Athens, Ohio	W0UB 1347		WBNR 820			Burlington, Vt.	WDT 1400	
Athens, Tenn.	WLAR 1450		WBF0 1310				W0UY 1230	
	W0U 1590		WBYC 1600				WYMT 1400	
Athens, Tex.	KBUD 1410		WBLT 1350			Burnet TX	KHLB 1340	
Atlanta, Ga.	WPLO 590		WBEI 1490			Burnettown, S.C.	WVAP 1510	
	WIGO 1340		WBD 1770			Burney, Cal.	KAVA 1450	
	WAOK 1380		WBNR 1260			Burns, Greg.	KRNS 1290	
	WERD 860		WBRW 790			Burnsville, N.C.	WKYK 1540	
	WGKA 1190		WBSA 1400			Butler AL	WVFP 1340	
	WGST 920		WBEU 860			Butler, Mo.	KMAM 1150	
	WUN 1010		KLY 580			Butler Pa.	WBUT 1850	
	W0LI 570		KAYC 1450				WBR 880	
	WQX 790		KJET 1380			Butte, Mont.	KBOW 550	
	W8B 750		KTRM 790				KXLF 1370	
	WYZF 1480		WBEV 1430			Cabo Rejo, P.R.	WKO 950	
Atlanta-Deatur, Ga.	WGUN 1010		WBLP 1190			Cadillac, Mich.	WTOI 1240	
	KALT 900		WHII 1570				WVAM 1100	
Atlanta, Tex.	KJAN 1220		WVNR 820			Cadiz, Ky.	WKDZ 1110	
Atlantic, Iowa	KJAN 1220		WBSJ 1560			Caguas, P.R.	WNEI 1430	
Atlantic Beach, F.a.	WJNJ 1670	Bedford, Ind.	WBIZ 1340				WVJP 1110	
Atlantic City, N.J.	WFFG 1450	Bedford, Pa.	WBFD 1310			Cairo, Ga.	WGRA 790	
	WU88 1490	Bedford, Va.	WBTL 1350			Cairo, Ill.	WKRO 1480	
	WMD 1340	Beville, Tex.	K1B 1490			Calais, Maine	WODY 1230	
	WATM 1800		WGD 1770			Caldwell, ID	K1GN 1060	
Atnora AL	KEOR 1110		WVNR 820				KCIO 1490	
Atoka, Okla.	KEOR 1110	Bel Air, Md.	WYOB 1520			Calera AL	WBYE 1370	
Attoseoro, Mass.	WARA 1320	Belén, N. Mex.	KARS 860			Calexico, Calif.	K1CO 1490	
Auburn AL	WAUD 1230	Belfast, Me.	WBME 1230			Calhoun, Ga.	WEBS 1110	
Auburn, Calif.	KAHI 950	Belgrade, Mont.	KGVW 830			Calhoun City, Miss.	WJTB 1630	
Auburn, Ind.	WIFF 1570	Bellaire, Ohio	WBOB 990			Calm, Wash.	KVAN 480	
Auburn, Mo.	WPMO 1530	Bellefontaine, O.	WTO 1370			Cambria, MD	WCEN 1240	
Auburn, N.Y.	WMSB 1340	Bellefonte, Pa.	WBFL 970			Cambridge, Mass.	WCAS 740	
	WAUB 1590	Bell Fourche, S.Oak.	KBFS 1450			Cambridge, Ohio	WILE 1270	
	KASY 1220	Belle Glade, Fla.	WSWN 900			Camden AL	WC0X 1540	
Auburn, Wash.	WTWB 1570	Belleveille, Ill.	W1BQ 1260			Camden AR	KAMQ 910	
Auburndale, Wis.	WLB 930	Belleveve, WA	KZAM 1540				KWH 1450	
Augusta AR	KMCW 1180	Bellingham, Wash.	KBIB 1170			Camden, N.J.	WCAM 1310	
	W0A 1230		KGM 790				WTMR 800	
	WG-C 580		KDIT 1550			Camden, S.C.	WACA 1590	
	WRD0 1480		KBF 930				WPUB 1130	
	WTHB 1850		KACO 1090			Camden, Tenn.	WFWL 1220	
Augusta, Ga.	WAUG 1050	Belmont, N.C.	WCCG 1270			Cameron, MO	KAN 1360	
	WBBQ 1340	Beloit, Wis.	WGEZ 1480			Cameron, Tex.	KMI 1380	
Augusta, Maine	WRD0 1400		WBEL 780			Camilla, Ga.	WCLB 1220	
	WFAU 1340	Belton, S.C.	WHFB 1390			Camboli, Ohio	WHOT 1330	
Aurora, Colo.	KBSI 1430	Belton, Tex.	KT0N 940			Cambellville, Ky.	WT00 1450	
Aurora, Ill.	WMRO 1280	Belzoni, Miss.	WELZ 1460			Canby, P.R.	WCHQ 1380	
	WFVR 1380	Bemidji, Minn.	KBN 1450			Canadaigua, N.Y.	WCBR 1550	
	KSMW 940	Benn. Ore.	KBN 1110			Canon City, Colo.	KRNL 1480	
Aurora, Mo.	WACX 1600	Bennetsville, S.C.	WBPC 1550			Canonburg, Pa.	WVFF 1480	
Austell, Ga.	KAS 1480	Bennington, Vt.	WBTN 1370			Canton, Ga.	WCHK 1290	
Austin, Minn.	W0AQ 970	Benson, Minn.	KBM 1290			Canton, Ill.	WBY 1580	
	KNOW 1490	Benson, N.C.	WPVB 1130			Canton, Miss.	WMGO 1370	
	K1XB 990	Benton AR	KBA 890			Canton, N.C.	WWIT 970	
	KOKK 1370		KGO 850				WPTL 920	
	KVET 1300		WCB 1290			Canton, O.	WBGB 1480	
	K9DA 1430		WBN 1540				KGO 1580	
Ava, Mo.	KBRT 740	Benton, Ky.	W0BI 1290				WINW 1520	
	WV0A 1420	Benton, TN	W0BI 1290				WVNY 900	
Avondale Estates, Ga.	WAVO 1420	Benton Harbor-St. Joseph, Mich.	WFB 1040			Canyon, Tex.	KCAN 1580	
	WAPR 1390		WXX 1500			Cape Girardeau, Mo.	KFVS 920	
Avon Park, FL	KHAP 1340	Berea, KY	KRE 1400				KZYM 1280	
Aztec, N. Mex.	WNYG 1440	Berkeley CA	WRE 1430				KGO 1580	
Babylon, NY	WGLJ 1290	Berkeley Springs, W.Va.	WCST 1010				WCIL 1020	
	WLEW 1340	Berlin, N.H.	WBRL 1400			Carbondale, Ill.	WCIL 1020	
Bad Axe, Mich.	W0MR 930	Berlin Wis.	WISS 1090			Carbondale, Pa.	WCUL 1440	
Bainbridge, Ga.	WAZA 1370	Berry Hill, Tenn.	WV0 1470			Caribou, Maine	WFST 800	
	WAZA 1370	Berryville, Ark.	KTHS 1480			Carlisle, Pa.	WHY 980	
	W0W 960	Berwick, Pa.	WBAB 1450				W00 1000	
Baker, Mont.	KFLN 1490	Bessemer AL	WYAM 1450			Carisbad, N.Mex.	KBAD 740	
Baker, Ore.	KAFY 550	Bethel AK	KYU 580				KCC 930	
Bakersfield, Calif.	KBKS 970	Bethesda, Md.	WGS 570				KRNL 1410	
	KERN 1410	Bethlehem, Pa.	W0PA 1100				WROY 1480	
	KGEE 1230	Beverly, Mass.	W0LN 1570				WPLW 1590	
	KUZZ 800	Biddleford, Maine	WIDE 1400				WKY0 1360	
	KLY0 1330	Pie Bear Lake, CA	KRB 1350				WSPR 1530	
	KWAC 1580	Big Delta, Alaska	WXLL 980				WZAF 980	
	KPMC 1580	Big Lake, Tex.	KWGH 1290				WZAF 980	
	WBEN 1050	Big Rapids, Mich.	WB 1490				KBAK 1600	
Baldwinsville, N.Y.	KRUN 1400	Big Sprgs., Tex.	KBST 1490				Carrizo Springs, Tex.	KBEN 1450
Ballinger, Tex.								KCIM 1380

U.S. AM STATIONS BY LOCATION

Location	Call kHz	Location	Call kHz	Location	Call kHz	Location	Call kHz
Dunkirk, N.Y.	WDCE 1410	Eunice, La.	KEUN 1490	Ft. Stockton, Tex.	KFST 860	Globe, AZ	KGLN 980
Dunn, N.C.	WCKB 790	Eupora, MS	WEPA 710	Ft. Valley, Ga.	WFPM 1150	Gloucester, Va.	KPFR 1240
Du Quoin, Ill.	WDQN 1580	Eureka, Calif.	KINS 980	Ft. Walton Beach, Fla.	WNUE 1400	Gloverville-Johnston NY	WDDY 1420
Durand, Wis.	WRDN 1430						
Durango, Colo.	KIUP 850						
Durant, Okla.	KDFO 1240						
Durham, N.C.	WRFB 780						
	WQNC 620						
	WSRC 1410						
	WSSB 1430						
	WTIK 1310						
Dyersburg, Tenn.	WDSB 1450						
	WTRO 1330						
Eagle Pass, Tex.	KEPS 1270						
Eagle River, Wis.	WERL 950						
Easley, S.C.	WELP 1360						
E. Grand Forks, Minn.							
	KRAD 1590						
	KERC 1890						
Eastland, Tex.	WKAR 870						
E. Lansing, Mich.	WVIC 730						
	WDHI 1490						
E. Liverpool, Ohio							
East Longmeadow, Mass.	WTFM 1600						
	WTFM 1600						
	WUFF 710						
	WDLN 960						
	WTJM 1260						
	KGCL 1080						
	WTG 1410						
	WYFD 1540						
	WEMD 1460						
	WEEB 1230						
	WEST 1400						
	WCTM 1130						
	WXPQ 1520						
	WWTG 1410						
	WEAQ 790						
	WBIZ 1400						
	WKOL 1050						
Eau Gallie, FL	WTAI 1860						
Ebensburg, Pa.	WEND 1580						
Eden, NC	WGBX 1130						
	WLDE 1490						
Edenton, N.C.	WCOJ 1260						
Edinburg, Tex.	KURY 710						
Edmonds, Wash.	KGDN 630						
Edna, Tex.	KWBY 1130						
Edingham, Ill.	WCRA 1090						
Elba AL	WELB 1350						
Elberton, Ga.	WBOC 1330						
El Cajon, Calif.	KDEO 910						
El Campo, Tex.	KULP 1390						
El Centro, Calif.	KXO 1230						
	KAMP 1430						
El Dorado AR	KDMS 1290						
	KELD 1400						
El Dorado KS	KOYY 1430						
Eldorado Springs, Mo.	KESM 1580						
Eleele, Kanal, Hawaii							
	KUAI 720						
Elgin, Ill.	WRMN 1410						
Ellijay, GA	WJBJ 1850						
Elizabeth, N.J.	WIDM 1830						
Elizabeth City, N. C.	WCNC 1240						
	WGA1 860						
Elizabethton, Tenn.	WBEJ 1240						
	WIDD 1520						
	WIEL 1400						
Elizabethtown, Ky.							
Elizabethtown, N.C.	WBLA 1440						
Elizabethtown, Pa.	WPDC 1600						
Eik City, DK	KADS 1240						
Elkhart, Ind.	WCRR 1270						
	WTRC 1340						
	WTFM 1540						
Elkins, N.C.	WDNE 1240						
Elkins, W. Va.	KELK 1240						
Elko, Nev.	WSEB 1550						
Elkton, Md.	KXLE 1240						
Ellensburg, Wash.	WELV 1370						
Ellenville, N.Y.	WECB 1360						
Ellijay, GA	WDEA 1570						
Ellsworth, Me.	WKDC 1530						
Elmhurst, IL	WELM 1410						
Elmira, N.Y.	WENY 1230						
Elmira Heights-Horseshoe, N.Y.	WEHH 1890						
El Paso, TX	KROD 600						
	KAMA 1060						
	KELP 920						
	KHEP 690						
	KINT 1590						
	KISO 1150						
	KSET 1340						
	KTSM 1360						
	KELR 1480						
El Reno, Okla.	WELY 1450						
Ely, Minn.	KELY 1230						
Ely, Nev.	WEOL 950						
Elyria, Ohio	WSTL 1600						
Empire, Ky.	KVOE 1400						
Emporia, Kans.	WEVA 860						
Emporia, Va.	WLEM 1250						
Emporium, Pa.	WENE 1430						
Endicott, N.Y.	WKBZ 1150						
Englewood, CO	WENG 1530						
Englewood, Fla.	WENR 1090						
Englewood, Tenn.	KGCB 1380						
Enid, Okla.	KGWA 860						
Enterprise AL	WIRB 600						
Enterprise, Oreg.	KWVR 1340						
Ephrata, Pa.	WGBA 1310						
Ephrata, Wash.	KULF 730						
Erie, Pa.	WJET 1400						
	WRIE 1330						
	WWGO 1450						
	WEMB 1420						
Escanaba, Mich.	WDBC 680						
Escanaba, MI	WBDN 600						
Escobedo, Calif.	KOWD 1450						
Espanola, N. M.	KDCE 970						
Estes Park, CO	KSR1 1470						
Estherville, Ia.	KILR 1070						
Etowah, Tenn.	WCPH 1220						
Eufaula AL	WULA 1240						
Eugene, Ore.	KKEO 1450						
	KASH 1600						
	KATR 1320						
	KORE 1050						
	KBDF 1280						
	KPNW 1120						
	KUGN 990						
	KEUN 1490						
	WEPA 710						
	KINS 980						
	KHUM 790						
	KRED 1480						
	WFO 1240						
	WEAW 1330						
	WLTD 1890						
	KEVA 1240						
	WRDZ 1400						
	WGBF 1280						
	WKVY 820						
	WJPS 330						
	WEVE 1340						
	WSKE 1050						
	KRKO 1380						
	KWVZ 1230						
	WBLO 1470						
	KEXS 1090						
	WKXR 1540						
	KFOR 680						
	KFRB 900						
	KIAK 970						
	WKKO 1480						
	KGMT 1310						
	WFEL 1210						
	WILD 1400						
	WVIC 1390						
	KMCD 1570						
	WCNW 1580						
	WABF 1220						
	KSUM 1370						
	WFMD 860						
	WMNN 920						
	WTCB 1450						
	KUDL 1380						
	WMDD 1480						
	KPSO 1280						
	KVLY 980						
	WALE 900						
	WSAR 1480						
	WFAX 1220						
	KTNC 1230						
	WDAY 970						
	KFGO 790						
	KFNW 1170						
	KQWB 1580						
	KDMT 820						
	KTDL 1470						
	WKTI 1380						
	KREI 800						
	KENN 1390						
	KWVY 980						
	KRZE 1280						
	WFBE 1250						
	WFLO 870						
	WFAR 1470						
	KZOL 1570						
	WWVF 990						
	KHOG 1440						
	KFFY 1250						
	WFBI 1250						
	WFNC 940						
	WFLB 1490						
	WIDU 1800						
	WEKR 1240						
	WIXC 1140						
Fergus Falls, Minn.	KBRF 1250						
Fernandina Beach FL	WYHI 1870						
Ferriday, La.	KFNW 1600						
Festus, Mo.	KJCF 1400						
Festus-St. Louis, Mo.	KXEN 1010						
Findlay, Ohio	WFIN 1330						
Fisher, W. Va.	WELO 690						
Fitchburg, Mass.	WEIM 1280						
	WFGI 960						
Fitzgerald, Ga.	WBBS 1240						
Flagstaff AZ	KFLS 600						
	KAFF 930						
	KEOS 690						

COMPUTER NEW PRODUCTS

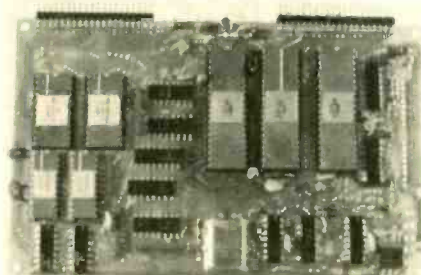
Here in one place Communications World presents information for you on the newest hobby computers and computer accessories.



Auto-Boot Loader—RMQ Systems says the company's Power-Start auto-boot loader frees you from ever keying in a bootstrap program again. The simple action of pressing RESET on the front panel automatically loads your computer from your loading device—disc, cassette, paper tape or other medium. The device is compatible with the Altair 8800, and allows it to be run without the front panel. All that is needed is an ON/OFF switch and a RESET button. Power-Start is avail-

able as a complete auto-load board, with its own ROM, or it can be purchased without the ROM and used with your own ROM or PROM memory. It can be configured to execute a loading program located anywhere in your memory address space. Rewiring of your computer is not required; just plug into the backplane, like any other board. An on-board switch permits disabling of the board. Power-Start is available in two kit forms and two assembled versions: Model PS-1K is priced at \$195; model PS-2K, the kit without ROM, is \$165. Assembled model PS-1A costs \$295; model PS-2A, also assembled but without ROM, is price-tagged at \$265. RMQ Systems, 1044 University Ave., Berkeley, CA 94710. Circle 50.

Keyboard Encoder—Radio Shack now stocks an ASCII Keyboard Encoder that utilizes the Shack's exclusive "Project-Board" concept. You purchase the printed circuit board with a complete, step-by-step assembly instruction manual and parts list. All necessary parts for assembly of the encoder, including a 63-key computer control keyboard, are available from Radio Shack. Or you may use parts from your own "junkbox" collection. The encoder can be used with TV typewriters, minicomputers, microprocessors, electric typewriters, or any other devices requiring positive or negative ASCII encoded alpha-numerical characters. Features include: repeat key to control all characters and symbols; negative-going or positive-going data valid strobe; latch outputs (stores last key code); shift and shift lock capability; true or false ASCII outputs; six extra control keys. The encoder handles an output of 833 characters per minute and has a repeat key rate of 208 CPM. An external power source of 5 VDC at about 500 ma is required. The project board with complete assembly and parts manual costs \$14.95. All parts needed to assemble the encoder, including the circuit board, manual and keyboard, but excluding hardware and case, are available from Radio Shack for \$57.80. Radio Shack, 2617 West 7th Street, Fort Worth, TX 76107: Circle 32 on Reader Service Coupon.

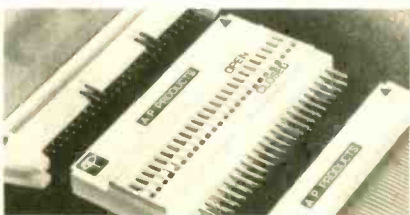


Super-Compact Computer — Microcomputer Associates' Super Jolt is one of the most compact single board computers available. It measures 4 1/4" x 7" and contains an 8 bit 6502 microprocessor, 1,024 bytes static RAM, 32 bidirectional and programmable I/O lines, a 1 megahertz crystal controlled clock, an interval timer, 4 interrupts including a timer interrupt and a non-maskable interrupt, three serial interfaces. The system includes a 20 ma current loop, RS232 and TTL, as well as 5,120 bytes of resi-

dent ROM program memory that includes a complete single pass Resident Assembler Program called RAP, a resident TINY BASIC interpretive language designed especially for JOLT systems and the 1,024 byte DEMON DEbug MONitor program. Super Jolt can function as a single card development system permitting assemblies to be made with only a single pass of a source program from a terminal or via a TTY paper tape reader. Programs can be debugged, and higher level language can be used. Single unit pricing for the Super Jolt card, fully assembled and tested is \$375 without RAP and TINY BASIC ROMs, and \$575 with the ROMs. Microcomputer Associates, 2589 Scott Blvd., Santa Clara, CA 95050. Circle 55.



Hexadecimal Calculator—Texas Instruments has come up with a new handheld calculator, called the TI Programmer, that does arithmetic in three different number bases and performs conversions to and from those bases rapidly. The number bases include hexadecimal (base 16) and octal (base 8) as well as decimal for everyday arithmetic. Problems can be keyed in using the same number system as the computer; the calculator performs its operations in that system and converts results to a number system a user can interpret more easily. Other typical applications include: conversion of memory addresses to decimal form; addition of relative addresses to a base address to find specific computer memory locations, or determine if there is enough space in the computer's memory to hold a new block of data; emulation of internal computer operations using the arithmetic and logical functions of the calculator. Parentheses keys help evaluate complex expressions without requiring the user to store or write down intermediate results. Up to four operations can be pending at any one time and these can be a mixture of arithmetic or logical operations in any combination of the three number bases. Negative numbers are represented with a two's complement code in both hexadecimal and octal bases. The calculator performs bit by bit logical operations on numbers in hexadecimal or octal. Included are AND, OR, Exclusive OR and SHIFT operations. Price: \$49.95. Texas Instruments, Inc., P.O. Box 5012, Dallas, TX 75222. Circle 57 on Reader Service Coupon for more information.



Flat Cable Switches—AP Product offers a flat cable system testing aid, called Intra-Switch, consisting of 50 discrete slide
(Continued on page 96)



CB NEW PRODUCTS



Communications World looks at some of the newest CB transceivers, antennas and accessories for you to use in CB contacts this year!

Absorbitive TVI Filter

Here's a television interference filter for CBers that absorbs harmonic emissions rather than reflecting them where they might cause other interference problems. Made by Communications Power Inc., the FL-1 attenuates all 27 MHz harmonic frequencies by 90 dB or better, without troublesome tuning for optimum harmonic rejection. The FL-1 has up to 10 watts power dissipation capability, so all CB harmonics will be absorbed rather than reflected back to the transceiver where they could radiate

CIRCLE 51 ON READER SERVICE COUPON



off the coaxial cable or from the set. In addition, the TVI filter also serves as an antenna-transceiver matchbox. Input and output tuning controls in the CPI FL-1 filter will match a 3:1 antenna SWR down to 1:1 at 50 ohms. Insertion loss is reduced to only 0.3 dB. Sells for \$49.95. Further information on the CPI FL-1 TVI filter, and the complete line of the company's American-made communications gear, is available from Communications Power, Inc., 2407 Charleston Road, Mountain View, CA 94043.

Updated CB Antenna

A new mobile CB antenna with an attached in-line connector has been introduced by The Antenna Specialists Co. The new addition to the line, model MR276, is an up-



CIRCLE 49 ON READER SERVICE COUPON

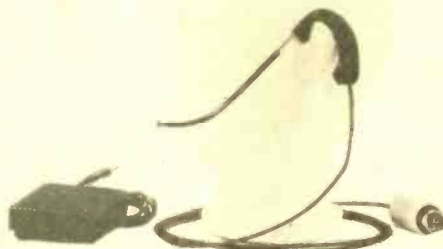
dated version of the company's famous model M-176. Utilizing a new low profile "Quick Grip" design, this model virtually eliminates rear deck scratches that pre-

viously occurred when opening and closing the trunk lid, while providing a "no holes" permanent installation. The MR276 comes with 17 ft. of coaxial cable with attached radio connector and a special in-line connector 2 ft. from the mount. The manufacturer's suggested list price is \$27.95. For further information, contact: The Antenna Specialists Co., 12435 Euclid Avenue, Cleveland, OH 44106.

Foot-Operated CB Microphone

Adapted from a headset designed for NASA astronauts, a new headmounted CB microphone claims true hands-free operation. The ultralight "SafeSound" power mike is triggered by a foot operated push-to-talk switch conveniently floor mounted to permit safe driving while transmitting. The non-electronic, headworn portion is all plastic and virtually "fail-proof". It is comprised of a durable acoustical (voice-pickup) tube which is comfortably positioned near users'

CIRCLE 56 ON READER SERVICE COUPON



mouth by a contoured plastic ear support and connects to a lightweight plastic sound tube that extends to the location of the CB radio. The sound tube there attaches to a small plastic case containing all electronics (microphone unit and amplifier) which is easily plugged or wired securely into the standard microphone attachments on the transceiver. Head mounting offers positive positioning of fully adjustable voice tube at corner of mouth, and assures constant level voice output without need for gain control. The unit can be worn on either right or left side, without discomfort of headband. Cost of the "SafeSound" is \$45.00. For all the facts, write to Acoustical Systems, P.O. Box 66899, Scotts Valley, CA 95066.

Two-Stage CB Matcher

The Model 1113, an antenna matcher designed especially for 40 channel rigs, provides for a match throughout the entire CB frequency range. By tuning at any 2 selected points across the CB frequency range, for example, at channel 10 and at channel 30, low SWR can be maintained across the entire band. 40-channel transmitters cannot be matched throughout the frequency range and a standard-type matcher

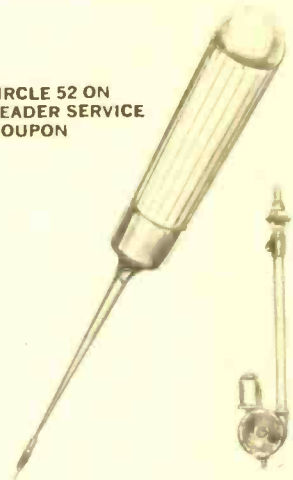


CIRCLE 47 ON READER SERVICE COUPON will not cover the entire 40 channels. The "Big 40" Matcher will, however, provide a match throughout the 40 channels. Sells for \$18.80. For full information, write to Gold Line, 25 Van Zant St., E. Norwalk, CT 06855.

Automatic CB/AM/FM Antenna

Breaker Beam by EV Game Inc., a fully automatic, motor driven CB/AM/FM mobile antenna offers an exclusive "fail-safe" mast nesting function with ignition switch off and a transmit-actuated neon lamp that glows when in use. The automatic "fail-safe" antenna nesting action insures automatic retraction of the antenna mast into

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its recommended rear cowl housing mount as soon as vehicle ignition, or unit, is switched off, thus guarding the forgetful driver against vandalism. Another exclusive Breaker Beam feature is the transmit-actuated neon lamp which glows whenever the mobile CB user "keys" the microphone and goes "on the air". Consequently, other CBers on the road, especially at night, can visually spot a "good buddy" at short or long distances. The Breaker Beam telescope antenna extends to a 40-in. length, has an
(Continued on page 100)

U.S. AM STATIONS BY LOCATION

Location	Call	kHz	Location	Call	kHz	Location	Call	kHz	Location	Call	kHz
Laurel, Md.	W1HA	1480	Loretto, Pa.	WWSF	1400	Marion, N.C.	WBRM	1250	Middlebury, Vt.	WFAD	1490
Laurel, Miss.	WLMD	900	Loris, S.C.	WLSC	1570	Marion, Ohio	WWRN	1490	Middleport-Pomeroy	WDLB	1590
	WAML	1340	Los Alamos, N.Mex.	KRNS	1490	Marion, S.C.	WATR	1430	Middlesboro, Ky.	WMIK	860
	WLAU	1430	Los Angeles, Calif.	KABC	1930	Marion, Va.	WMEV	1010		WFXV	1560
	WNSL	1260		KFI	640	Marked Tree AR	WOLD	1330	Middletown, Conn.	WCNX	1150
Laurens, S.C.	WLBG	860		KMJ	930	Marks, Miss.	WQMA	1520	Middletown, N.Y.	WALL	1340
Laurinburg, N.C.	WEWO	1080		KFWB	980	Marksville, La.	KAPB	1370	Middletown, Ohio	WPFB	910
	WLNC	1300		KGFB	1230	Marlboro, MA	WSRO	1470	Midland, MI	WMPX	1490
Lawrence, Kans.	KFKU	1250		KKFC	1330	Marquette, Mich.	WDMJ	1320	Midland, Tex.	KCRS	580
	KLWN	1320		KLIS	1150	Marshall, AR	KCGS	1600		KJBC	1160
Lawrence, Mass.	WCCM	900		KMAK	570	Marshall, Minn.	KMNL	1400		KNAM	1510
Lawrenceburg, Tenn.	WDXE	1370		KMX	1070	Marshall, Mo.	KMMO	1300		KWEL	1070
	WLAW	1380		KPOL	1540	Marshall, N.C.	WMMH	1480	Midwest City OK	KRMC	1220
Lawrenceville, Ill.	WAKO	910		KGSS	1020	Marshall, Tex.	KMHT	1450	Milan, Tenn.	WKBJ	1600
Lawrenceville, Va.	WLES	580	Los Banos, Calif.	KLBS	1330	Marshalltown, Iowa	KKRY	1410	Milbank, SD	KMSD	1510
Lawton, Okla.	KSWO	1380	Louis, Ky.	WKYK	1270	Marshallville, Mo.	KEMH	1510	Miles City, MT	KATL	1340
	KCCD	950	Louisburg, N.C.	WYIO	1480	Marshfield, Mo.	KEMB	1510	Milford, Conn.	WTFD	930
Leadville, CO	KRRR	1230	Louisville, Ga.	WYIH	1420	Marshfield, WI	WOLB	1450	Milford, Del.	WTFD	930
Leavenworth, Kans.	KCLO	1410	Louisville, Ky.	WA'VE	970	Martin, Tenn.	WCMT	1410	Milford, Mass.	WMRC	1490
Lebanon, Ky.	WBLN	1590		WA'VE	790	Martinsville, Ind.	WCBK	1540	Milbank, SD	KMSD	1510
Lebanon, MO	KLWT	1230		WHD'S	840	Martinsburg, Pa.	WJSM	1110	Milledgeville, Ga.	WMVG	1450
	KJEL	1080		WHSJ	1080	Martinsburg, W.Va.	WEPM	1340		WXLX	1060
Lebanon, Ore.	KUAL	920		WINN	1740		WRRR	740	Millen, Ga.	WGSR	1870
Lebanon, Pa.	WLVJ	940		WFIN	1200	Martinsville, Va.	WRFR	1370	Millington, Tenn.	WTNN	1580
	WLRV	1360		WLOU	1350		WMVA	1480	Millinocket, Me.	WMKJ	1240
Leesburg, Fla.	WLBE	790	Louisville, Miss.	WTMT	620	Marysville, Mo.	KNIM	1880	Milville, NJ	WMVJ	1440
	WZST	1410	Loveland, Colo.	KLOV	1570	Marysville, Calif.	KMYC	1410	Milton, Pa.	WVCK	1490
Leesburg, Va.	WAGE	1290	Loves Park, Ill.	KLOV	1570	Marysville, Kans.	KNDY	1870	Milton, Pa.	WMLP	1380
Leesville, La.	WLBR	1270	Lovington, N.Mex.	WLOV	1520	Maryville, Tenn.	WGAP	1400	Milton WV	WNST	1600
Lehigh Acres, Fla.	WAYK	1440	Lowell, Mass.	WCEA	630	Mason, Mich.	WUJL	1110	Millwaukee, Wis.	WEMP	1250
Leighton, Pa.	WYNS	1150		WLLH	1400	Mason City, Iowa	KGLO	1300		WRIJ	1340
Leitchfield, KY	WMTL	1580		WLLH	1400		KRIB	1490		WZLU	1290
Leid, Miss.	WESY	1580	Lubbock TX	KEND	1580	Massena, N.Y.	WMSA	1340		WNOV	860
Le Mars, Iowa	KLEM	1410		KDAY	580		WYBG	1050		WKYJ	920
Leمون, S.D.	KBJM	1400		KLBK	1840	Massillon, Ohio	WTTB	990		WTMJ	620
Le Moure, Calif.	KLAR	1320		KLFV	790	Massillon, W.Va.	WHJC	1360	Minden, La.	KASO	1240
	KLAD	1240		KLVJ	1460	Mattoon, Ill.	WLBH	1170	Mineola, N.Y.	WTIE	1820
Leonor, N.C.	WJRI	1340		KSEL	950	Mauston, Wis.	WRJC	1270	Mineola, Tex.	KMOA	1100
	KWGX	1080	Lynn, MA	WNRS	1360	Mayaguez, P.R.	WAEI	800	Mineral Wells, Tex.	KORC	1140
Lenoir City, Tenn.	WBLG	1360	Luceasie MS	WRBE	1444		WKJB	710	Minneapolis-St. Paul MN	WCCO	830
	WLIL	730	Ludington, Mich.	WLBA	1400		WORA	780		KDWB	630
Leonard, Mass.	WLMS	1000	Lufkin, Tex.	KRBA	1340		WPRR	990		WLLO	1330
Leonard, Miss.	WKIK	1370		KLUF	1420	Mayfield, KY	WTIL	1300		KEEY	1400
Leon, Am. Samoa	WULY	1120	Lumberton, N.C.	KLUF	1420		WNGO	1320		WTKK	1770
Levelland, Tex.	KLVT	1230		KLUF	1420		WYMC	1430		WDGY	1130
Levitown, Pa.	WBCE	1490	Luray, Va.	WTSB	1340	Mayodan, N.C.	WMYN	1420		WWTG	1280
Lewisburg, PA	WTGC	1010	Luray, Va.	WRVA	1350	Maysville, N.D.	KMAV	1520		KTCR	690
	WYMC	1430	Luverne, Ala.	WLVN	1080	Maysville, Ky.	WFTM	1240		KTIS	900
Lewisburg, Tenn.	WJIM	1490	Luverne, Minn.	KQAD	800	McAlester, Okla.	KTMC	1400		KUOM	770
Lewistown, KY	WKCM	1140	Lykens, PA	WQIN	1290		KNED	1190		KSTP	1500
Lewiston, Idaho	KRLC	1350	Lynchburg, Va.	WLVA	590	McAllen, Tex.	KRIP	910	Minot, ND	KHRT	1320
	KDZE	1300		WLLL	930	McCall, Ida.	KMCL	1240		KCJB	910
Lewiston, Maine	WCOU	1240		WLCM	1320	McCamey, Texas	KAMY	1450		KTYN	1430
	WLAM	1470		WWDJ	1380	McComb, Miss.	WHNY	1250		KBEA	1480
Lewistown, Mont.	KXLO	1230	Lynn, Mass.	WLYN	1380		WAKK	1140	Mission, Kans.	KJRT	1580
Lewistown, Pa.	WKVA	920	Lyons, Ga.	WBBT	1340	McConnellsburg, PA	WAPP	980	Mission, Tex.	KUWJ	1290
	WMRF	1490	Machias, Me.	WMCS	1400	McCook, Nebr.	WYFC	1530	Missoula, Mont.	KULV	1410
Lexington, Ky.	WBAB	830	Macomb, Ill.	WKAI	1510		KBRL	1300		KGYM	1450
	WBLG	1300	Macon, Ga.	WBLD	1240		KICX	1360		KYLT	1340
	WYVK	590		WCRY	900	McFarland, Cal.	KXEM	1590		KYSS	530
Lexington, Miss.	WXTN	1000		WDEI	1500	McGehee AR	KVSA	1220	Mitchell, S.Dak.	KORN	1490
Lexington, Mo.	KLXN	1570		WIBB	1240	McGehee, Pa.	WEDO	810	Moau, Utah	KURA	1450
Lexington, Neb.	KRYN	860		WMAZ	900		WIXZ	1360	Mobile, Mo.	KWIX	1230
Lexington, N.C.	WBUY	1440		WNEZ	1440	McKenzie, Tenn.	WDMJ	1440	Mobile AL	WABB	1490
Lexington, Tenn.	WLAN	1540	Macon, Mo.	KLTI	1560	McKinley, Tenn.	KYAL	1350		WGDK	900
Lexington, Va.	WRXL	1450	Madawaska, Me.	KHAT	1250	McLeansboro, IL	WMCL	1080		WMOU	1550
Lexington Pk., Md.	WPXT	920	Madera, Calif.	KNAT	1250	McMinnville, Ore.	KMCM	1260		WMOB	840
Libby, Mont.	KLCB	1230	Madell, Okla.	KMAD	1550	McMinnville, Tenn.	WBMC	980		WKHG	710
Liberal, Kans.	KSCB	1270	Madison FL	WMAF	1230	McPherson, Kans.	KNEX	1540	Mobridge, S.Dak.	WLIJ	1360
	KLIB	1470	Madison, Ga.	WYTH	1250	McRae, Ga.	WDAX	1410	Mocksville, N.C.	WWSL	1520
Liberty, Ky.	WKDO	1560	Madison, Ind.	WORX	1270	McRae, Pa.	WDLV	1460	Modesto, Calif.	KTNB	860
Liberty, Mo.	KBDL	1140	Madison, S.O.	KJAM	1390	Mechanicville, N.Y.	WMVI	1170		KBEE	970
Liberty, N.Y.	WYOS	1240	Madison, Tenn.	WHA	770	Mebane NC	WQWX	1080		KFIV	1360
Liberty, Tex.	KPXE	1050	Madison, Wis.	WIBA	1310	Medford, Ore.	WWEL	1430	Mojave, Calif.	KDOL	1340
Lihue, Hawaii	KTOH	1350		WISM	1480	Medford, Ariz.	KMED	1440	Moaine, Ill.	WQUA	1230
Lima, Ohio	WIMA	1150		WTSO	1070	Medford, Ore.	KMED	1440	Monahans, Tex.	KVKM	1330
	WCIT	940	Madisonville, Ky.	WMAD	1550		KSHA	890		WBER	950
Lincoln, Ill.	WPRC	1370		KFWK	1490	Medford, Wis.	WRVB	1300	Monett, Mo.	KRMO	990
Lincoln, Me.	WLKN	1450		WTTT	1310	Melbourne, Fla.	KYJC	1230	Monette, Mo.	KRBH	1560
Lincoln, Nebr.	KLNU	1000	Madisonville, Tenn.	WKYJ	1250		WIGM	1240	Monette, Mo.	KRBH	1560
	KLMA	1480	Magee, Miss.	WSJC	810	Memphis, Tenn.	WMBB	1240	Monmouth, Ill.	WRAM	1330
	KECK	1530	Magnolia Ar	KVMA	630		WMEL	920	Monroe, Ga.	WMBE	1490
Lincoln City OR	KBCB	1380	Makawai, Hawaii	KNUI	1310		WWSL	590		WKUN	1580
Lincolnton, N.C.	WLOD	1050	Makaville, N.C.	WDSL	1520		WYMC	790		WRED	1490
Linesville, Ala.	WLAN	1540	Malden, Mo.	KTDV	1470		WDIA	1070	Monroe, La.	KMLB	1440
Linton, Ind.	WBTD	1600	Malden, N.Y.	WICV	1490		WMPA	680		KNDE	540
Litchfield, Ill.	WMSI	1540	Malvern AR	KBOK	1310		WLOS	1340	Monroe, MI	WNSD	560
Litchfield, Minn.	KLFD	1410	Manassas, Va.	WPRW	1460		WQWX	1080	Monroe, N.C.	WMAP	1060
Little Falls, Minn.	KLTF	960	Manati, P.R.	WMNT	1500	Memphis, Tex.	KBGH	1130		WFMC	1360
Little Falls, N.Y.	WLFF	1230	Manchester, Conn.	WMNT	1500	Mena AR	KENA	1480	Monroeville, PA	WPSL	1510
Litchfield, Tex.	KZZN	1490	Manchester, Conn.	WMNT	1500	Mendota, Ill.	WGIC	1090	Monterey, Calif.	KIDD	630
Little Rock AR	KARN	920	Manchester, Ga.	WFDL	1370	Mendocino, CA	KMFB	1300		KMBY	1240
	KALO	1250	Manchester, Ky.	WYXJ	970	Menominee, Mich.	WAGN	1340	Montevideo, Minn.	KDMA	1460
	KLRA	1010	Manchester, N.H.	WFEA	1370	Menomonie, Wis.	WMNE	1380	Monte Vista, Colo.	KSLV	1240
	KOKY	1440		WGIR	610	Merced, Calif.	KYOS	1480	Montezuma, Ga.	WMNZ	950
	KAAV	1090		WKBR	1250	Meriden, Conn.	KWIP	1580	Montgomery, AL	WBAM	740
Littleton, Colo.	KSOH	1050	Manchester, Tenn.	WMSR	1320	Meridian, Miss.	WMMW	1470		WXVI	1600
Littleton, N. H.	WLTH	1400	Mannattan, Kans.	KSAC	560		WCOC	910		WCDV	1170
Live Oak, Fla.	WNER	1250		KMAN	1350		WDLA	1370		WHYY	1490
Livingston, Mont.	KPRK	1340	Manistee, Mich.	WMTE	1340		WDMX	1010		WMGY	800
Livingston, Tenn.	WLIV	920	Manitou Springs, Colo.	WTIQ	1490		WOKK	910		WRMA	950
Livingston, Tex.	KETX	1440		KIIQ	1490		WQIC	1450			
Lochhart, TX	KCLT	1080	Manitowoc, Wis.	WCUB	960		WTKN	1390		WMBL	1340
Lock Haven, Pa.	WBPZ	1230	Mankato, Minn.	WOTI	1240		WJMT	1590	Monticello AR	KHBM	1430
Lockport, NY	WLVL	1340		KYSM	1230		WKLZ	1310	Monticello, FL	WTBJ	1090
Lodi, Calif.	KCVR	1570	Manning, S.C.	WYMB	1420		KDKS	1810	Monticello, Miss.	WMLC	1270
Logan, O.	WLGN	1510	Mansfield, La.	KDXI	1360		WMOK	920	Montpellier, Ida.	KVSI	1450
Logan, Utah	KBLW	1390	Mansfield, Ohio	WMAN	1400						

U.S. AM STATIONS BY LOCATION

Location	Call	kHx	Location	Call	kHx	Location	Call	kHx	Location	Call	kHx
Morristown, N.J.	WMTR	1250		WELI	980	Oceanside, Calif.	WSLT	1520	Parma OH	KPRM	1240
Morristown, Tenn.	WCRK	1180		WNHC	1340	Ocilla, Ga.	KUDE	1320	Parsonspny NJ	WSUM	1000
Morro Bay, Calif.	WMTN	1300	New Iberia, La.	KANE	1240	Oconto, Wis.	WSIZ	1380	Parsons, Kans.	WQTK	1310
Morton, Tex.	KBAI	1150		KNIR	1360	Odessa TX	WOCO	1260	Parsons, Tenn.	KLKC	1540
Moscow, Idaho	KRAN	1280	New Kensington, Pa.	WKPA	1130		KBZB	920	Pasadena, Cal.	WTBP	1550
Moses Lake, Wash.	KRPL	1400	Newland, NC	WKPA	1130		KOZA	1230		KPPC	1430
Moses Lake, Wash.	KSEM	1470	New London, Conn.	WJTP	1130		KOYL	1310		KIGI	1110
	KWIK	1260	New Martinsville, W.Va.	WNLC	1310		KSLB	1410		KWVW	1300
Moss Point MS	WKKY	1460		WETZ	1330	Delwain, Iowa	KOEL	950	Pasadena, Tex.	KKLV	1480
Moulton, Ala.	WHY	1530		WCOH	1400	Ogallala, Nebr.	KOGA	930		KIKK	850
Moultrie, Ga.	WHGA	1130	Newman, Ga.	WNEA	1300	Ogden, Utah	KLO	1430	Pascagoula-Moss Point, Miss.	WPMP	1580
	WMTM	1300		WGSO	1280		KANN	1090	Pasco, Wash.	KORD	910
Moundville, W.Va.	WEIF	1370	New Orleans LA	WNRR	990		KVDB	1490	Paso Robles, Calif.	KPRL	1230
Mountain City, Tenn.	WMCT	1390		WBOK	1230	Ogdensburg, N.Y.	WLSB	1400	Pastillo, P.R.	WCGB	1050
Mountain Grove, Mo.	KLRS	1380		WNOE	1080		WOYL	1340	Patchogue, L.I., N.Y.	WALK	1370
Mountain Home AR	KTLO	1240		WSMB	1350		WKYC	1570		WSUF	1580
Mountain Home, Ida.	KFLI	1240		WNSB	1450	Okechobee, Fla.	KBYE	890	Paterson, N.J.	WPAT	930
Mountlake Terr., WA	KAAR	1510		WSHO	800	Oke City, Okla.	KLPR	1140	Pauls Valley, Okla.	KVLH	1470
	WPAQ	740		WTIX	650		KOCY	1340	Pawhuska, OK	KOKN	1500
Mt. Alry, N.C.	WSYD	1300		WVL	270		KOMA	1520	Pawtucket RI	WGNB	550
	WYMC	1360		WVOG	600		KTKO	1000	Payette, Ida.	KYET	1450
Mt. Carmel, Ill.	WMIM	1500	Newport AR	KNBY	1280		KQCY	800	Pearsall, Tex.	KIUN	1400
Mt. Clemens, Mich.	WBRB	1430		KNOP	740	Okmulgee, Okla.	WKY	930	Peaslee, Tex.	WLAN	1420
	WGTV	1560	Newport, Ky.	WCNL	1010	Old Saybrook, Conn.	WLIS	1220	Peekskill, N.Y.	WSIV	1140
Mt. Dora, FL	WJZZ	1480		WCNLT	1310	Olden, N.Y.	WMNS	1360	Pekin, Ill.	WFHM	1430
Mt. Holly, N.J.	WSIG	790	Newport, R.I.	WADK	1540		WHDL	1450	Pell City AL	KTIX	1420
Mt. Jackson, Va.	WJAP	1310	Newport, Tenn.	WKIE	1490	Olympia, Wash.	KITN	920	Pendleton, Oreg.	KUMA	1290
Mt. Kisco, N.Y.	WDJS	1430	Newport, Vt.	WGH	1310		KLNG	1490	Pennington Gap, Va.	WBSV	1570
Mt. Olive, N.C.	KKSI	1130	Newport News, Va.	WOKT	1270		KFAB	1115	Pensacola, Fla.	WBSR	980
Mt. Pleasant, IA	WCEN	1150	Newport Richey, Fja.	WGUL	1270		KOIL	1290		WHY	610
Mt. Pleasant, Mich.	KIMP	960		WGUL	1270		KODW	660		WHYY	1230
Mt. Pleasant, Tex.	KIWP	960	New Prague, Minn.	KTMF	1350		KOWH	660	Penueles, PR	WENA	1330
Mt. Shasta, Calif.	KWSD	620	New Richmond, Wis.	WIXK	1590		KOWW	890	Peoria, Ill.	WXCL	1350
Mt. Sterling, Ky.	WMST	1150		WJRG	1500		WVW	890		WMDB	1470
Mt. Vernon, Ind.	WPCO	1590	New Roads, La.	KWRG	1300	Omak, Wash.	KOMW	680		WIRL	1290
Mt. Vernon, Ky.	WRWK	1480	New Rochelle, N.Y.	WVOX	1460	Oneida, N.Y.	WMCR	1600		WPEO	1020
Mt. Vernon, Ohio	WMVO	1300		WVSC	1230	Oneida, Tenn.	WBNT	1310	Perry, GA	WGRK	1310
Mt. Vernon, Wash.	KAPS	1470		WVSS	1550	O'Neill, Nebr.	KBRX	1350	Perry, Ga.	WPGA	980
	KBRC	1430		WVWG	1550	O'Neill, Neb.	WBRL	1370	Perryton, Tex.	KYEA	1400
Muleshoe, Tex.	KMUL	1380		WVWX	1550	O'Neill, Neb.	WDBS	730	Peru, Ind.	WARU	1800
Mullins, S.C.	WJAY	1340		WVX	1590	Ontario, Cal.	KSON	1510	Petaluma, Calif.	KTBB	1490
Muncie, Ind.	WERK	990		WVYO	1460	Ontario, Oreg.	KSRV	1380	Peterborough, N.H.	WBCV	1050
Munfordville, Ky.	WLDC	1150		WVXW	1460	Opelika AL	WADA	1820	Petersburg, Va.	WSSV	1240
Munising MI	WGON	1400		WVXC	1460	Opelousas, La.	WJHO	1400	Petoski, Mo.	KYRG	1310
Murfreesboro, N. C.	WDRN	1080		WVXS	1550	Orange, Mass.	WCAT	1390	Peterborough, N.H.	WSSV	1240
	WGNS	1450		WVY	1050	Orange, Mass.	WCAT	1390	Peterborough, N.H.	WSSV	1240
	WMTS	810		WVY	1050	Orange, Tex.	KOGT	1600	Petersburg, Va.	WSSV	1240
Murphy, N.C.	WCVP	600		WVY	1050	Orange, Va.	WJMA	1340	Petoski, Mich.	WMBN	1340
	WKRK	1320		WVZ	1480	Orangeburg, S.C.	WDIX	1150		WJML	1110
Murphysboro, Ill.	WINI	1420		WVZ	1480	Oran, Neb.	KNLV	1060	Phenix City, Ala.	WPNX	1460
Murray, Ky.	WWSB	1340		WVZ	1480	Oregon City, Ore.	KYXI	1520	Philadelphia, Miss.	WHOC	1490
Murray, Utah	KMOR	1230		WVZ	1480	Orlando, Fla.	WDBO	580	Philadelphia, Pa.	KYW	1060
Muscatine, Iowa	KWPC	860		WVZ	1480		WHOO	990		WCAX	1210
Muscle Shoals AL	WLAY	1450		WVZ	1480		WORL	1270		WFL	560
Muskegon, Mich.	WKBZ	850		WVZ	1480		WORL	1270		WFLN	900
	WTRU	1800		WVZ	1480		WVLC	1170		WHAT	1340
	WVUS	1090		WVZ	1480		WVLD	1380		WIBG	990
Muskegon Heights, Mich.	WKJR	1520		WVZ	1480		WVND	920		WIP	610
	KBJX	1490		WVZ	1480		WVNR	1580		WFEN	950
Muskogee, Okla.	KMUS	1380		WVZ	1480		WVOR	860		WFRB	1540
	KMYB	1450		WVZ	1480		WVPC	830		WTEL	860
Myrtle Beach, S.C.	WYB	1520		WVZ	1480		WVQ	950		WPHB	1260
	KEEE	1230		WVZ	1480		WVY	950		WPHB	1260
Nacogdoches, Tex.	KSFA	860		WVZ	1480		WVY	950		KKAN	1490
Nampa, Idaho	KFXD	580		WVZ	1480		WVY	950		KIFN	860
	KA1N	1340		WVZ	1480		WVY	950		KASA	1540
Nantioke, Pa.	WNAK	730		WVZ	1480		WVY	950		KHCS	1010
Napa, Calif.	KVON	1440		WVZ	1480		WVY	950		KHCS	1010
Naples, Fla.	WNQG	1270		WVZ	1480		WVY	950		KHCS	1010
Narrows-Pearlburg, Va.	WNRR	990		WVZ	1480		WVY	950		KHCS	1010
Nashua, N.H.	WOTW	900		WVZ	1480		WVY	950		KHCS	1010
	WSMN	1590		WVZ	1480		WVY	950		KHCS	1010
Nashville AR	KBHC	1260		WVZ	1480		WVY	950		KHCS	1010
Nashville, Ga.	WNSA	1600		WVZ	1480		WVY	950		KHCS	1010
Nashville, Tenn.	WKDA	1240		WVZ	1480		WVY	950		KHCS	1010
	WLAC	1510		WVZ	1480		WVY	950		KHCS	1010
	WMAK	1300		WVZ	1480		WVY	950		KHCS	1010
	WNAH	1360		WVZ	1480		WVY	950		KHCS	1010
	WSIX	980		WVZ	1480		WVY	950		KHCS	1010
	WSM	630		WVZ	1480		WVY	950		KHCS	1010
	WVGM	1560		WVZ	1480		WVY	950		KHCS	1010
Natchez, Miss.	WMIS	1240		WVZ	1480		WVY	950		KHCS	1010
	WNAT	1450		WVZ	1480		WVY	950		KHCS	1010
Natchitoches, La.	KNOC	1450		WVZ	1480		WVY	950		KHCS	1010
Natick, MA	KGTR	1060		WVZ	1480		WVY	950		KHCS	1010
Naugatuck, Conn.	WOWW	1380		WVZ	1480		WVY	950		KHCS	1010
Nawasota, Tex.	KWBC	1550		WVZ	1480		WVY	950		KHCS	1010
Nebraska City, Nebr.	KNCY	1600		WVZ	1480		WVY	950		KHCS	1010
	KSFE	1340		WVZ	1480		WVY	950		KHCS	1010
Neenah, Wis.	WNAM	1280		WVZ	1480		WVY	950		KHCS	1010
Nellisville, Wis.	WCCN	1370		WVZ	1480		WVY	950		KHCS	1010
Neon, Ky.	WNKY	1480		WVZ	1480		WVY	950		KHCS	1010
Neosho, Mo.	KBTN	1420		WVZ	1480		WVY	950		KHCS	1010
Neveda, Mo.	KNEM	1240		WVZ	1480		WVY	950		KHCS	1010
New Albany, IN	WDBS	1570		WVZ	1480		WVY	950		KHCS	1010
	WREY	1290		WVZ	1480		WVY	950		KHCS	1010
New Albany, Miss.	WNAU	1470		WVZ	1480		WVY	950		KHCS	1010
Newark, Del.	WNRK	1260		WVZ	1480		WVY	950		KHCS	1010
Newark, N.J.	WVNJ	820		WVZ	1480		WVY	950		KHCS	1010
	WNRJ	1430		WVZ	1480		WVY	950		KHCS	1010
Newark, N.Y.	WACK	1420		WVZ	1480		WVY	950		KHCS	1010
New Bedford, Mass.	WBSM	1420		WVZ	1480		WVY	950		KHCS	1010
	WNBH	1340		WVZ	1480		WVY	950		KHCS	1010
New Bern, N.C.	WHIT	1450		WVZ	1480		WVY	950		KHCS	1010
	WBIC	1380		WVZ	1480		WVY	950		KHCS	1010
	WRNB	1490		WVZ	1480		WVY	950		KHCS	1010
Newberry, Mich.	WRBY	1450		WVZ	1480		WVY	950		KHCS	1010
Newberry, S.C.	WKDK	1240		WVZ	1480		WVY	950		KHCS	1010
	WKMG	1520		WVZ	1480		WVY	950		KHCS	1010
New Boston, Ohio	WIO1	1010		WVZ	1480		WVY	950		KHCS	1010
New Boston, Tex.	KNBO	1530		WVZ	1480		WVY	950		KHCS	1010
New Braunfels, Tex.	KNBN	1420		WVZ	1480		WVY	950		KHCS	1010
New Britain, CT	WRQG	9									

U.S. AM STATIONS BY LOCATION

Location	Call kHz	Location	Call kHz	Location	Call kHz	Location	Call kHz
Plymouth, Mass.	WPLM 1390			Rochester, N.H.	WVNH 930	Salem, N.J.	WJIC 1510
Plymouth, N.C.	WPNC 1470			Rochester, N.Y.	WBBF 950	Salem, O.	WSOM 800
Plymouth, N.H.	WPNH 1300	Pulaski, Tenn.	WKPS 1420	WHAM 1160		Salem, Oreg.	KBLM 1390
Plymouth, Wis.	WPLY 1200	Pulaski, Va.	WBLS 1510	WJFC 1490			KCBS 1220
Pocahontas AR	KPOC 1420			WNTH 850			KBYE 1450
Pocatello, Idaho	KSEI 930	Pullman, Wash.	KWSU 1250	WSAY 1370			KGAY 1480
	KWIK 1240		KPUL 1150	WROC 1280		Salem, Va.	WBUL 1480
	KSNM 1200	Punta Gorda, Fla.	WCFF 1580	WROK 1440		Salida, Colo.	KVRH 1340
Pocomoke City, Md.	WDMV 540	Punxsutawney, Pa.	WPME 1540	WYFE 1150		Salina, Kans.	KSAL 1150
Polsen, MT	KERR 1070	Putnam, Conn.	WJNY 1350	WRER 1330			KFRM 550
Pomona, Calif.	KWOW 1600	Puyallup, WA	KOPY 1450	WJPW 810			KJMA 910
	KKAR 1220	Quannah, Tex.	KOLJ 1180	WRHI 1340		Salinas, Calif.	KDON 1460
Pompton, Lakes, N. J.	WKER 1500	Quantico, VA	WPWC 1530	WYTC 1150			KTOM 1380
Pompano Beach, Fla.		Quincy, Cal.	KPCO 1350	WAYN 900			KYWT 1570
	WLOD 980	Quincy, Fla.	WCNH 1230	WLWL 1500			KCTY 980
	WRBD 1470	Quincy, Ill.	WGEM 1440	WHBF 1270		Salinas, P.R.	WHQY 1210
Ponca, City, Okla.	WBBZ 1290	Quincy, Mass.	WTAD 950	WRKD 1430		Salina, Mich.	WNRB 1280
Ponca, P.R.	WRFR 910	Quincy, WA	KRSN 1370	WFLK 1220		Salisbury, Md.	WBOD 980
	WEGC 1420	Quitman, Ga.	WFNB 1490	WRKK 1360			WICO 1320
	WPAB 550	Quitman, Miss.	WRKR 1500	WRKV 800			WJDT 1470
	WLEB 1170	Racine, WI	WRJN 1400	WINX 1600		Salisbury, N.C.	WSTP 1490
	W180 1260	Radford, Va.	WRAD 1460	WOFE 580			WSAT 1280
	WZBS 1490	Radford, N.C.	WRAD 1460	WYTC 1320		Sallisaw, Okla.	KBSJ 1510
Pontiac, Ill.	WPOK 1080	Raford, N.C.	WRAD 1460	WYED 910		Salmon, Idaho	KRBB 1580
Pontiac, Mich.	WPNR 1460	Rainelle, W.V.	WRRR 1130	WRMT 1490		Salt Lake City, Utah	
Pontotoc, Miss.	WSEL 1440	Rainsville AL	WVSM 1500	WYTI 1870			KALL 910
Pool, Ind.	WVAK 1560	Raleigh, N.C.	WKIX 850	WNLB 1290			KCPX 1320
Poplar Bluff, Mo.	KWOC 930		WYNA 1550	KAMO 1390			KLUB 570
	KLID 1340	Ralls, Tex.	WPTF 680	WHAK 960			KNAK 1280
Poplarville, Miss.	WRPM 1530	Rantoul, Ill.	WLLT 870	WFGS 1370			KRSP 1060
Portage, Wisc.	WPUK 1470	Rapid City, S.Dak.	WJDA 1300	WRGN 1350			KCOR 1550
Portageville, Mo.	KMIS 1050		KCLR 1830	KTRR 1490		Salt Lake City, UT	
Portales, N.Mex.	KENM 1450		WRLL 1460	WLAQ 1410			KSOP 1370
Port Angeles, Wash.	KAPY 1290		WCYR 1320	WLYN 1360			KSXX 630
	KONP 1450		KOTA 1380	WRGA 1410			KWHO 880
Port Arthur TX	KOLE 1340		KIMM 1150	WROM 710			KWMS 1280
	KPAC 1250		KTOQ 1340	WKA 1430		San Angelo, Tex.	KTED 1340
	KYKR 1510		KRBN 920	WRNY 1350			KGBR 960
Porterville, Calif.	KTIP 1450		KRTN 1490	WRON 1400			KPEP 1420
Port Gibson, MS	WKPG 1320		WMOY 1360	KRWB 1410		San Antonio, Tex.	KAPF 1480
Port Hueneme, Calif.	WPRG 1520		KRAL 1240	KQEN 1240			KKYX 680
Port Huron, Mich.	KACY 1520		KAPA 1340	KRXL 1250			KQAM 1150
	WHLG 1450		KXIR 890	KYES 550			KBUC 1310
	WPHM 1390		WFBU 830	WEGG 710			KCOR 1550
Port Jervis, N.Y.	WDLQ 1390		WHUM 1240	KFRD 980			KEDA 1340
Port Lavaca, Tex.	KGUL 1561		WRAW 1340	KPOP 1110			KUKA 1250
Portland, IN	WPGW 1440	Red Bay AL	WRMG 1430	KRPP 980			KMAC 630
Portland, Maine	WCSH 970	Redding, Calif.	KRDG 1230	KRSY 1230			KONO 880
	WGAN 580		KCLM 1330	KRSD 1320			KTSA 530
	WLOB 1310		KCMS 1400	KBIS 910			WOAI 1290
	WPOR 1410		KVCB 608	KBCQ 1020		San Bernardino, Calif.	
Portland, Oreg.	KBPR 1450	Red Bluff, Calif.	KVPF 540	WRXO 1430			KCKC 1350
	KLIQ 1290	Redfield, SD	KBLF 1490	WEXL 1340			KFXM 590
	KEX 1190	Redlands, Calif.	KFCB 1380	WBLW 810			KBON 1240
	KGW 620	Red Lion, Pa.	KCAL 1410	KGCA 1450			KMEN 1290
	KKEY 1150	Red Lodge, Mont.	WGCB 1440	KRRR 1360		Sandersville, Ga.	WSNT 1490
	KOIN 970	Redmond, Oreg.	KRBN 1450	WRUM 790			KCBQ 1170
	KPAM 1410	Red Oak, Iowa	KPRB 1248	KRUP 1240		San Diego, Calif.	
	KDPP 800	Red Springs, N.C.	KOAK 1080	KRUS 1490			KOBD 600
	KUPL 1330	Red Wing, Minn.	KYRU 1510	KTLU 1580			KGJ 360
	KWJ 1080	Redwood Falls, Minn.	KUCU 1250	KRSL 990			KSON 1240
	KXL 750	Reedsburg, Wis.	KLGR 1490	WVWR 920		San German, PR	WBOZ 1090
Port Neches, TX	KSUZ 1150	Reedsport, Ore.	WRDS 1400	WKAX 1500		Sandpoint, Idaho	WSPR 1280
Port St. Joe, Fla.	WJOE 1080	Reidsville, Va.	KDIN 1470	KATQ 1490		Sand Springs, Okla.	KTDW 1340
Portsmouth, N.H.	WBBX 1380	Reidsville, N.C.	WTNL 1390	WRUS 610		Sandusky, Mich.	WMIC 1560
	WHEB 750	Reidsville, N.C.	WREC 1600	WHWV 1000		Sandusky, Ohio	WLEC 1450
Portsmouth, Ohio	WPAY 1400	Remsen, N.Y.	WFR 1220	WSYB 1380		Sandy Creek-Pulaski, NY	
	WNXT 1260	Reno, Nev.	WADR 1480	WCAB 590			WSCP 1070
Portsmouth, VA	WPCE 1400		KOH 850	KCRA 1320		San Fernando, Calif.	KGIL 1260
	WKLL 1350		KBET 1340	KFRB 1330		Sanford, Fla.	WTRR 1400
Port Sulphur LA	WPMM 1510		KOBY 1550	KGMS 1380			WFSH 1300
Port Washington, Wis.	KAGY 1010		KOLO 820	KJAY 1430		Sanford, Me.	WSME 1220
	WGLB 1560		KONE 1450	KRAK 1140		Sanford, N.C.	WWE 1290
Post, Tex.	KPOS 1370		KCBN 1230	KROY 1240			WWGP 1000
Poteau, Okla.	KLCO 1280		WRIN 1560	KNDE 1470		San Francisco, CA	KWFC 610
Potomac-Cabin John, Md.	WCIN 1300	Rensselaer, IN	WGBK 1300	KGLU 1480			KCBS 740
	KYRD 1280	Rensselaer, N.Y.	WGBL 1480	KATQ 1230			KFAX 1100
Poloski, Mo.	KYRD 1280	Rexburg, Idaho	KRXX 1230	KATQ 1230			KGO 810
Potsdam, N.Y.	WPDH 1270	Rhineland, Wis.	WOBT 1240	KATQ 1230		Sag Harbor, N.Y.	WNLG 1600
Pottstown, Pa.	WPAZ 1370	Rice Lake, Wis.	WJMC 1240	KLNK 1210		Saginaw, Mich.	WSAM 1400
Pottsville, Pa.	WPAZ 1370	Ridgefield, CT	WVFR 850	WWSR 1420			WWSR 1420
	WPAM 1450	Ridgefield, MN	WYOO 980	WYOC 1400		St. Albans, Vt.	WYOC 1420
	WPPA 1360	Ridgefield, Utah	KSVC 980	WYOC 1400		St. Albans, W.Va.	WYOC 1420
Poughkeepsie, N.Y.	WEOK 1390	Richland, Wash.	KALE 980	WYOC 1400		St. Anthony, Ida.	WYOC 1420
	WPKI 1450	Richland Center, Wis.	WRCO 1450	WYOC 1400		St. Augustine, Fla.	WYOC 1420
Powell, Wyo.	KPOW 1250		WRIC 540	WYOC 1400		St. Charles, Mo.	KIRL 1460
Poynette, Wis.	WIBU 1450	Richlands, Va.	WKBV 1490	WYOC 1400		St. Cloud, MN	KCLD 1450
Prairie du Chien, Wis.	WPRE 980	Richmond, Ind.	WEKY 1340	WYOC 1400		St. George, S.C.	WQZ 810
Pratt, Kan.	KWNS 1290	Richmond, Ky.	WGBR 1110	WYOC 1400		St. George, UT	KDX 1400
Prattville AL	WPKC 1410	Richmond, Va.	WANT 990	WYOC 1400		St. Helens, Oreg.	KOH 1600
Prentiss, Miss.	WKPO 1410		WBBL 1480	WYOC 1400		St. Ignace, Mich.	WIDG 940
Prescott AZ	KYCA 1490		WRGM 1540	WYOC 1400		St. Johns, Mich.	WRBJ 1580
	KENT 1340		WLEE 1480	WYOC 1400		St. Johnsbur, Vt.	WTWN 1340
	KNOT 1450		WEET 1320	WYOC 1400		St. Joseph, Mich.	WSJM 1400
Prescott AR	KTPA 1370		WGOE 1290	WYOC 1400		St. Joseph-Benton Harbor, Mich.	WHPB 1060
Presque, Isle, Me.	WAGM 950		WTRR 1380	WYOC 1400			KFEQ 680
	WPST 1340		WRNL 910	WYOC 1400			KKJD 1550
Preston, Idaho	WFEP 1340		WRVA 1140	WYOC 1400			KUSN 1270
Preston, Minn.	KFIL 1060		WXGI 950	WYOC 1400		St. Louis, Mo.	KATZ 1600
Prestonsburg, Ky.	WPRT 960	Richwood, W.Va.	WYAR 600	WYOC 1400			KMOX 1120
	WDOC 1310	Ridgecrest, Cal.	KLOA 1240	WYOC 1400			KSD 580
Price, Utah	KOAL 1230		KIQ 1360	WYOC 1400			KTSL 980
Richard AL	WKSB 1270	Ridgefield, CT	WVFR 850	WYOC 1400			KWK 920
Richardson, Ill.	WZOE 1490	Ridgetand, S.C.	WBUG 1430	WYOC 1400			KXK 830
Richardson, Ind.	WRAY 1250	Rife, Colo.	KWSR 810	WYOC 1400			WFW 770
Richardson, Ky.	WPKY 1580	Rio Piedras, P.R.	WUNO 1320	WYOC 1400			WIL 1430
Richardson, Minn.	WKPM 1300	Ripley, Miss.	WSCA 1260	WYOC 1400		St. Louis Park, Minn.	KXEN 1010
Richardson, N.J.	WHWH 1350	Ripley, Tenn.	WTR 1370	WYOC 1400			KRSI 950
Richardson WV	WAEX 1490	Ripon, Wis.	WCWC 800	WYOC 1400			KOFE 1480
Richville, Oreg.	KARE 890	River Falls, Wis.	WEVR 1590	WYOC 1400			WKBI 1400
Riverhead, N.Y.	WRIV 1390	Riverhead, N.Y.	WRIV 1390	WYOC 1400			WQKI 710
	WRCN 1570		WRVA 1140	WYOC 1400			WQSL 620
	KPRO 1440		WXGI 950	WYOC 1400			WLCY 1380
	KHNY 1570		WYAR 600	WYOC 1400			
Riverton, Wyo.	KVGO 1450		KLOA 1240	WYOC 1400			
Roanoke AL	WEER 1360		KQJ 1360	WYOC 1400			
Roanoke, Va.	WFR 960		WVFR 850	WYOC 1400			
	WRIS 1410		WBUG 1430	WYOC 1400			
	WTOY 910		KWSR 810	WYOC 1400			
	WROV 1240		WUNO 1320	WYOC 1400			
	WSLC 610		WSCA 1260	WYOC 1400			
Roanoke Rapids, N.C.	WCBT 1230		WTR 1370	WYOC 1400			
			WVCW 800	WYOC 1400			
Roaring Springs, Pa.			WEVR 1590	WYOC 1400			
			WRIV 1390	WYOC 1400			
			WRCN 1570	WYOC 1400			
			KPRO 1440	WYOC 1400			
			KHNY 1570	WYOC 1400			
			KVGO 1450	WYOC 1400			
			WEER 1360	WYOC 1400			
			WFR 960	WYOC 1400			
			WRIS 1410	WYOC 1400			
			WTOY 910	WYOC 1400			
			WROV 1240	WYOC 1400			
			WSLC 610	WYOC 1400			
			WCBT 1230	WYOC 1400			
			WKMIC 1370	WYOC 1400			
			WTAY 1570	WYOC 1400			
			KROB 1510	WYOC 1400			
			WRHL 1080	WYOC 1400			
			WREB 1340	WYOC 1400			
			KWEB 1270	WYOC 1400			
			KOLM 1520	WYOC 1400			
				WYOC 1400			
				WYOC 1400			

U.S. AM STATIONS BY LOCATION

Location	Call kHz	Location	Call kHz	Location	Call kHz	Location	Call kHz	
	KVRE 1460		KNWC 1270		WHPT 1450		Tamahawk WI	WYYS 810
Santa Rosa, N. Mex.	KJAX 1150		KSDO 140	Spanish Fork, Utah	KONI 1480		Thompsonville, Ky.	WTXY 1370
Sapulpa, Okla.	KSXK 1400	Sitka AK	KIFW 1230	Sparks-Reno, NV	KWRL 1270		Tooele, Utah	KDYL 890
Saranee Lake, N.Y.	WNBZ 1240		KKEW 1400	Sparta, Ill.	WHCO 1230		Topeka, Kans.	WBWR 580
Sarasota, Fla.	WKXY 930	Skowhegan ME	WSKW 1150	Sparta, N.C.	WCOK 1080			KEWI 1440
	WQSA 1220	Slaton, Tex.	KCAS 1050	Sparta, Tenn.	WSMT 1050			WREN 1280
	WSPB 1450	Silfield LA	WSOL 1580		WUCR 880			KTOP 1490
	WYND 1280	Smithfield, N.C.	WPFM 1270	Sparta, Wis.	WKLJ 990			KENE 1490
Saratoga Springs, N.Y.	WKAJ 900	Smithfield, Va.	WEO 940		WCOW 1290	Topping CT		WSNG 610
		Smithville, Tenn.	WJLE 1480	Spartanburg, SC	WKDY 1400	Torrington, Wyo.		KGOS 1490
Sauk Rapids, Minn.	WVAL 800	Smyrna, Ga.	WYNX 1550		WORD 910	Towanda, Pa.		WTTC 1550
		Snyder, Tex.	KSNY 1450		WSPA 950	Townson, MD		WTOF 1570
Sault Ste. Marie, Mich.	WSOD 1230	Socorro, N. Mex.	KSRC 1290		WASC 1530	Travelers Rest, S.C.		WBBR 1580
		Soda Springs, Ida.	KBRV 790	Spencer, Iowa	KIGD 1240			WTCM 1400
Savannah GA	WUQT 1450	Soddy-Daisy TN	WPJD 1850	Spencer, W.Va.	WYRC 1400			WCWC 1310
	WCA5 930	Soldotna AK	KSRM 820	Spokane, Wash.	KGA 1510			
	WSA 630	Somerset, Ky.	WTLO 1480		KXXR 1440	Trenton, Mo.		KTTN 1600
	WSPA 140		WTLO 1480		KSPD 1230	Trenton NJ		WBUD 1260
	WTOC 1290	Somerset, Pa.	WVSC 990		KEZE 1380			WTTM 920
	WSOK 1230	Somerville, N.J.	WBRW 1170		KHQ 590			
Savannah, Tenn.	WUHM 1010	Soddy-Daisy TN	WPJD 1550		KJRB 790	Trenton, Tenn.		WTNE 1800
Sayre, Pa.	WATS 960	Sonora, Calif.	KVML 1450		KREM 970	Trinidad, Colo.		KCRT 1240
Schenectady, N.Y.	WGY 810	Sonora, TX	KVMR 1400		KXLY 920	Troy AL		WTF 970
	WVWD 1240	Spartanburg, GA	WYOK 1000		KUY 1280	Troy, N.Y.		WHAZ 1330
Scotland Neck, N.C.	KFLA 1310	So. Beloit, Ill.	WBEL 1380		KURS 1340	Troy, N. C.		WJRM 1390
Scott City, Kans.	KFLA 1310	So. Bend, Ind.	WNUD 1490	Springdale AR	KSPR 1590	Truckee, Cal.		KWTR 1400
Scottsbluff, Nebr.	KNEB 980		WVJA 1580	Springfield, Ill.	WCVS 1450	Trumann AR		KTMN 1530
	KOLT 1320		WSBT 960		WMAY 970	Truth or Consequences, N. Mex.		KCHS 1400
Scottsboro AL	WCR1 1050	Southwest City, MO	KCTE 1140		WTAX 1240	Tryon, N.C.		WTYN 1550
	WHOS 1330	Southbridge, Mass.	WESO 970	Springfield, Mass.	KGA 1480	Tucson AZ		KTUC 1400
Scottsdale AZ	KDOT 1440	So. Boston, Va.	WELF 1460		WMAS 1450			KXEW 1600
Scottsville, Ky.	WARM 890	Southern Pines, N.C.	WEEB 990		WSPR 1270			KAIR 1490
Seranton, Pa.	WEJL 630		KTHO 590	Springfield MO	KBUG 1080			KCEE 790
	WG81 910	Tallahassee, Fla.	WEYJ 1580		KUBX 1260			KICK 580
	WICK 1410		WNUZ 1230		KLFJ 1550			KCUB 1290
	WSCR 1320		WONS 1410		KTTS 1400			KEVT 690
Seaford, DE	WSFD 1280		WANM 1070	Springfield, Ohio	KWU 680			KHOS 940
Searay, AR	KWCK 1300		WTAL 1450		WIZE 1340			KHYT 1330
Seaside, Ore.	KSAB 930		WTNT 1270		WBLY 1600			KTKT 990
Seattle, Wash.	KAYO 1150	Tallahassee, Fla.	WNLG 1060	Springfield-Eugene, Ore.	KEED 1450			KPOD 1450
	KIXI 910	Tallapoosa, GA	WTLS 1300		KURE 1050			KUAT 1580
	KING 1090	Tallulah, La.	KTLD 1360	Springfield, Tenn.	WBEL 1500	Tulare, Calif.		KTNM 1500
	KIRO 710	Tampa, Fla.	WQYK 1110		WCFL 1480			KCOK 1270
	KJR 950		WDAE 1250	Springfield, Vt.	KBSF 1490			KGEN 1370
	KMPS 1300		WFLA 970	Spring Lake, N.C.	WFBS 1450	Tulia, Tex.		KTUE 1260
	KOMO 1000		WHBO 1050			Tulahoma, TN		WBGY 740
	KUUU 1590		WINQ 1010	Spring Valley, N.Y.		Tulsa, Okla.		KAKC 970
	KYAC 1250		WTMP 1150		KWQW 1300			KXKC 1300
	KVI 570	Taos, N. Mex.	WSOL 1306	Spruce Pine, N.C.	WVUE 1470			KRNC 740
	KXA 770	Tappahannock, Va.	KKIT 1340		WVLA 1490			KELI 1430
	KBLE 050	Tarboro, N.C.	WWRB 1000	Stamford, Conn.	WVUN 1490			KVVO 1170
Sebring, Fla.	WJCM 960	Tarpon Springs FL	WCWR 1470	Stamwurd, Tex.	KUWI 1400			KFMJ 050
	WJLJ 1340	Tasley, Va.	WESR 1330	Stanford, Ky.	WNLS 1520	Tupelo, Miss.		WEL0 580
Sedalia, Mo.	KORO 1490	Taunton, Mass.	WPEP 1570	Stanton, KY	WBFC 1470			WJLJ 060
	KSIS 1050	Tawas City, Mich.	WIOS 1480	Stark, Pa.	WPAE 1490			WTFD 1490
Sedona, AZ	KAZM 1470	Taylor, Tex.	KTAE 1280	Starkville, Miss.	WKUH 980	Turlock, Calif.		KCEY 1390
Sequin, Tex.	KWED 1580	Taylorville, N. C.	WTLK 1570	State College, Pa.	WSSU 1290	Tuscaloosa AL		WJRD 1150
Sellinggrove, Pa.	WSEW 1240	Taylorville, Ill.	WTIM 1410		WML 1458			WACT 1420
Selma AL	WAMA 1340	Tazewell, Tenn.	WNTP 1290	Statesboro, Ga.	WVNS 1240			WNPT 1280
	WMB 1490	Tazewell, Va.	WTZE 1470		WPTB 850			WTOG 790
	WTQX 1570	Tell City, Ind.	WTGJ 1230	Statesville, N.C.	WSIC 1400	Tuscumbia AL		WVBC 1230
Selma, N.C.	WBZB 1090	Tempe AZ	KTEM 1530		WBBM 550			WZZA 1410
Selmer, Tenn.	WDTM 1130	Temple, Texas	KTEM 1400	Staunton, Va.	WDBM 1240	Tuskegee AL		WBIL 580
Seminole, Tex.	KIKZ 1250	Terro Haute, Ind.	WBOV 1230		WKDW 900	Twenty-Nine Palms, Calif.		KDHI 1250
Senatobia, Miss.	WSAO 1550	Terrell, Tex.	KTER 1570	Steamboat Springs, CO	KBCR 1230			KTFI 1270
Seneca Falls, N.Y.	WFAW 1110	Terrill Hills, Tex.	WTJL 1570	Stephenville, Tex.	KSTV 1510			KLIX 1310
Seneca Township, S.C.	WSNW 1150	Terrytown, Nebr.	KEYS 890	Sterling, Colo.	KUEK 1230			KKEEP 1450
		Texasakana AR	KOSY 790	Sterling, Ill.	WSDH 1240	Stevens Point, Wis.		WOTC 1500
Sevierville, Tenn.	WSEV 930	Texasakana, Tex.	KCMC 740	Steubenville, Ohio	WSTV 1340	Taylor, Tex.		KZKC 1330
Seward, AK	KRKA 950	Texasakana, TX-AR	KADO 940	Stevens Point, Minn.	WAVN 1220			KDOK 1490
Seymour, Ind.	WJCD 1390	Texas City, Tex.	KTLL 920	Stillwater, Okla.	KSPI 780			KTBB 600
Seymour, Tex.	KSEY 1230	Thayer, Mo.	KKAW 620	Stillwater, Minn.	WAVN 1220	Tyler, Tex.		KWJW 690
Shakopee, Minn.	KSMN 1530	The Dalles, OR	KACI 1300	Stillwater, Okla.	KSPI 780	Tyler, Tex.		KWJW 690
Shallotte, N.C.	WVLS 1490	Thermopolls, Wyo.	KTRT 1490	Stirling, NJ	WKMB 070	Tyler, Tex.		KTBY 1290
Shamokin, Pa.	WISL 1480	Thief River Falls, Minn.	KTRF 1230	Stockton, Calif.	KJOY 1280	Tyler, Pa.		KWTR 1340
Shamrock, Tex.	KBYP 1580	Thibodaux, La.	KTIB 830		KJMN 1420	Uhrichsville, O.		KMSL 1290
Sharon, Pa.	WPIC 790	Thomaston, Ga.	WSFT 1220		KKWG 620	Ukiah, Cal.		KUKI 1400
Shawano, Wis.	WTCH 980	Thomasville AL	WJDB 630	Storm Lake, Iowa	KAYL 990	Ulysses, Kan.		KULY 1420
Shawnee, Okla.	KGFF 1450	Thomasville, Ga.	WPAX 1240	Streator, Ill.	WIZZ 1250	Union, Mo.		KLPW 1220
Sheboygan, Wis.	WBHL 1330	Thomasville, N.C.	WTNC 790	Stroudsburg, Pa.	WYPO 840	Union, S.C.		WBUC 1480
	WKTS 950	Thomson, Ga.	WTWA 1240	Stuart, Fla.	WSTU 1400	Union City, Tenn.		WENK 1240
Sheffield AL	WMBF 1290	Thousand Oaks CA	KGEO 850	Stuart, Va.	WHEO 1270	Uniontown, Pa.		WBPH 830
Shelby, Mont.	KSEN 1150	Three Rivers, Mich.	WKLM 1510	Sturgeon Bay, Wis.	WDOR 910	Urbana, Ill.		WILL 580
Shelby, N.C.	WOHS 730	Thurmont, Md.	WTHU 1450	Sturgis, Mich.	WSTB 1230	Utica, N.Y.		WCCR 1580
	WADA 1390	Ticonderoga, N.Y.	WTIF 1600	Sturgis, S.D.	KBHB 110			WBIX 950
Shelbyville, Ill.	WSHY 1560	Tifton, Ga.	WWSG 1430	Stuttgart, AR	KWAK 1240			WBVM 1550
Shelbyville, Ind.	WSVL 1520	Tillamook, Oreg.	KTIL 1590	Suffolk, VA	WFOG 1450	Ulysses, Kan.		KULY 1420
Shelbyville, Ky.	WGND 940	Tloga, N.O.	KTLO 1090	Sullivan, Ind.	WKVQ 1550	Union, Mo.		KLPW 1220
Shelbyville, Tenn.	WFLI 1580	Titusville, FL	WRMT 1060	Sullivan, Mo.	KYUI 1560	Union, S.C.		WBUC 1480
		Titusville, Pa.	WLET 1420	Sulphur, LA	KEZM 1310	Union City, Tenn.		WENK 1240
Sheldon, Iowa	KIWA 1550	Toecoa, Ga.	WNES 830	Sulphur Springs, Tex.	KBST 1230	Uniontown, Pa.		WBPH 830
Shell Lake, Wis.	WCWS 940	Toledo, Ohio	WNOH 1470	Summersville, Ga.	WGT 950	Urbana, Ill.		WILL 580
Shelton, Wash.	KMAS 1280		WSPD 1370	Summersville, S.C.	WAZS 980	Utica, N.Y.		WCCR 1580
Shenandoah, Iowa	KMA 960		WTOD 1580	Sumner, Wash.	KDFL 1560	Utah, N.C.		WVSV 1490
	KPNE 920		WCWA 1230	Sumner, Wash.	KDFL 1560	Valdese, N.C.		WVSV 1490
Shenandoah, Pa.	WKYO 1410		WGOR 1520	Sumter, S.C.	WFIG 1290	Valdosta, Ga.		WGOV 950
	KROE 930				WDXY 1240			WGAF 910
Sherman, TX	KIKM 910				WSSC 1340			WJSM 1150
	KXTO 1500				WVGR 1490			WVLD 1250
	WSHP 1480			Sunbury, Pa.	WKOK 1070	Vallejo, Calif.		KNBA 1190
Shippensburg, Pa.	KVSL 1450			Sunnyside, Wash.	KRE 1230	Valley City, N.Dak.		KOVV 1490
Show Low, AZ	KVWM 970			Superior, Nebr.	KRFS 1600	Valparaiso, Fla.		WAKE 1500
Shreveport, La.	KBCL 1220			Superior, Wis.	WDSM 710	Valparaiso, Ind.		WNW 1060
	KEEL 710				WAKX 970			WFSH 1340
	KJOC 1480			Susanville, Calif.	KSUE 1240	Van Buren AR		KKFD 1580
	KCIJ 980			Sutton, W.Va.	WSGB 1490	Van Cleve, Ky.		WMTG 730
	KRMD 1340			Swainsboro, Ga.	WJAT 800	Vaneburg, Ky.		WKKS 1570
	KWKK 1130			Sweet Home, Ore.	KFIR 1370	Vancouver, Wash.		KGAR 1550
	KFLO 1300			Sweetwater, Tenn.	WDEH 800			KVAN 1480
	KJOC 1480			Sweetwater, Tex.	KXOX 1240	Vandalla, Ill.		WSPB 1500
	KSID 1340			Sylacauga AL	WFEB 1340	Van Wert, Ohio		WER 1220
	KSID 1340				WMLS 1290	Vega Baja, P.R.		WEGA 1350
Sidney, Mont.	KGCX 1480				WRGC 680	Veneta, Fla.		WAMR 1320
Sidney, Nebr.	KSID 1340				WVLA 1490	Veneta, Calif.		KVEN 1450
Sidney, O.	WVNR 1080			Sylva, NC	WVLA 1490	Ventura-Oxnard, CA		KBBQ 1590
Sierra Vista AZ	KWAN 1420			Sylvania, Ga.	WVLA 1490			KUSD 690
Sikeston, Mo.	KSM 1400			Waynesboro, Va.	WVLA 1490	Vermillion, S.Dak.		KVRA 1570
	KMPL 1570			Waynesville, Ga.	WVLA 1490			KVEL 920
Siler City, N.C.	WNC4 1570			Waynesville, S.C.	WVLA 1490			KVSA 1380
Sligoam Springs AR	KUOA 1290			Waynesville, S.C.	WVLA 1490			KVWC 1490
Silsbee, Tex.	KKAS 1300			Waynesville, S.C.	WVLA 1490			WXIE 1370
Silver City, N. Mex.	KSIL 1340			Waynesville, S.C.	WVLA 1490			WTTT 990
Silver Spring MD	WGY 1080			Waynesville, S.C.	WVLA 1490	Vicksburg, Miss.		WQBC 1470
Simeco, Ont.	CFRS 1360			Waynesville, S.C.	WVLA 1490			WJFL 1490
Sinton, Tex.	KVFB 1090			Waynesville, S.C.	WVLA 1490			WVIM 1490
Sioux Center, Iowa	KSCJ 1360			Waynesville, S.C.	WVLA 1490	Victoria, Tex.		KNAL 1410
Sioux City, Iowa	KMNS 620			Waynesville, S.C.	WVLA 1490			KVIC 1340
	KWNL 1470			Waynesville, S.C.	WVLA 1490	Victoria, Tex.		KGIN 990
	KISD 1230			Waynesville, S.C.	WVLA			

U.S. AM STATIONS BY LOCATION

Location	Call	kHz	Location	Call	kHz	Location	Call	kHz
Vineland, N.J.	WWBZ	1360	Watertown, N.Y.	WATN	1240	W. Yarmouth, Mass.	WNUS	1490
Vinita, Okla.	WVVL	1270	Watertown, S.Dak.	WTTY	1410	W. Yellowstone, Mont.	WOCB	1240
Vinton, Va.	WVIN	1470	Water Valley, Miss.	WVLY	1320	Westerly, R.I.	WERI	1230
Virginia, Minn.	WVLA	1550	Waterville, Me.	WTVL	1490	Westfield, Mass.	WDEW	1570
Virginia Beach, Va.	WVAB	1550	Watsonville, Calif.	WATN	1540	Westminster, Md.	WTRR	1470
	WVBY	1360	Waukegan, Ill.	WKRS	1220	Weston, W. Va.	WHAW	980
Virouqua, Wis.	WVST	1360	Waukesha, Wis.	WAUK	1810	West Warwick RI	WTKI	1450
Visalia, Calif.	WKMG	1400	Waukon, Ia.	WNEU	800	Westumka AL	WETU	1250
Vista, Cal.	WVBY	1360	Waupaca, Wis.	WOUX	800	Wevoka-Seminole, Okla.	KWSH	1260
Vivian, LA	KNGB	1320	Wausau, WI	WWSA	550	Wharton, Tex.	KANI	1500
Wabash, Ind.	WAYT	1510	Waynesboro, Ga.	WROB	1260	Wheatland, Wyo.	KYCN	1340
Wabasha MN	KWMB	1190	Waynesboro, Miss.	WABO	910	Wheaton, Md.	WDON	1540
Waco, Tex.	WRZI	1580	Waynesburg, Pa.	WANS	1580	Wheeling, W.Va.	WVLA	1450
	WWTX	1230	Waynesville, Mo.	KFPB	1270	White Castle, LA	KKAY	1590
Waco-Marlin, TX	KKIK	1010	Waynesville, N.C.	WHCC	1400	Whitehall, Meh.	WLRG	1490
Wadena, Minn.	KWAD	920	Weatherford, Okla.	WWEY	1390	White Plains, N.Y.	WFAS	1230
Wadsworth, N.C.	WADE	1210	Weatherford, TX	WAMM	1480	White River June.	WLV	910
Wagoner, OK	KJEM	1530	Webster City IA	KQWC	1570	Whitesburg, Ky.	WTCW	820
Wailuku, Hawaii	KMVI	350	Weirton, W.Va.	WEIR	1430	White Sulphur Springs,	WV	1310
Walapa, Hawaii	KAHU	940	Weiser, Idaho	KWEI	1260	Whiteville, N.C.	WENC	1220
Walhalla, S.C.	WGOG	1000	Welch, W.Va.	WELC	1150	Whitely City, KY	WEQO	1220
Walker, Minn.	KLLR	1600	Weldon, N.C.	WSMY	1400	Whitita, Kans.	WAKE	1240
Wallace, Idaho	KWAL	620	Wellington, Kan.	WLEJ	1330	Wickliffe, Ohio	KLEO	1480
Wallace, N.C.	WLSE	1400	Wellsboro, Pa.	WNBT	1490	Wickliffe, R.I.	WKFJ	1370
Wallia Wallia, Wash.	KHIT	1320	Wellis River, VT	WYKR	1490	Wiggins, Miss.	WIGG	1420
	KUJ	1420	Welliston, Ohio	WKOV	1330	Wilkes-Barre, Pa.	WBAX	1240
	KTEL	1490	Wellsville, N.Y.	WLSV	790	Wilkesboro, N.C.	WWEW	1440
Walnut Ridge AR	KRLW	1320	Wematchee, WA	KWMM	1340	Williamsburg, Ky.	WEZI	1440
Walsenburg, Colo.	KFLJ	1380	Wendell-Zebulon, N.C.	KMEL	1340	Williamsburg, Va.	WBCI	740
Walterboro, S.C.	WALD	1060		KUEN	900	Williamson, W. Va.	WBTH	1400
Waltham, MA	WHET	1330		KWET	540	Williamsport, Pa.	WLYC	1050
Walton, N.Y.	WDLA	1270	Westlaco, Tex.	KRGV	1290		WRAK	1400
Wanchese, N.C.	WDBR	1830	West Allis, Wis.	WAWA	1590		WRPA	1340
Ware, Mass.	WARE	1250	West Bend, Wis.	WBKW	1470		WTAS	1550
Warner Robbins, Ga.	WQCK	1600	West Branch MI	WBMB	1060		WVY	1370
	WAYC	1350	Westbrook-Portland	WJBO	1440		WVYR	1530
	WYRF	860		WCMC	1570		WVZ	1370
Warren AR	WQFB	1270		WDEF	1520		WVZL	1350
Warren, Ohio	WTGL	1570		WDEW	1570		WVZL	1350
	WNAE	1310		WDFX	1300		WVZL	1350
Warrensburg, Mo.	KOKO	1450		WEXA	1550		WVZL	1350
Warrenton, Mo.	KWRE	730		WFKI	1090		WVZL	1350
Warrenton, N.C.	WARR	1520		WGTM	590		WVZL	1350
Warrenton, Va.	WEER	1250		WLLY	1350		WVZL	1350
	WKCW	1420		WVOT	1420		WVZL	1350
Warsaw IN	WRSW	1480		WVOT	1420		WVZL	1350
Warsaw NY	WCJW	1140		WVOT	1420		WVZL	1350
Warsaw, N.C.	WTRQ	1560		WVOT	1420		WVZL	1350
Warsaw, Va.	WNTN	890		WVOT	1420		WVZL	1350
Warburg, Tenn.	WEOG	940		WVOT	1420		WVZL	1350
Warwick, N.Y.	WTBQ	1110		WVOT	1420		WVZL	1350
Warwick-E. Greenwich, R.I.	WARV	1590		WVOT	1420		WVZL	1350
Wasceca MN	KOWD	1170		WVOT	1420		WVZL	1350
Wasco, Calif.	KWSO	1080		WVOT	1420		WVZL	1350
Washington, DC	WFAN	1340		WVOT	1420		WVZL	1350
Washington, D.C.	WDL	1450		WVOT	1420		WVZL	1350
	WDCD	1260		WVOT	1420		WVZL	1350
	WUST	1120		WVOT	1420		WVZL	1350
	WRC	980		WVOT	1420		WVZL	1350
	WTOP	1500		WVOT	1420		WVZL	1350
Washington, Ga.	WLOW	1370		WVOT	1420		WVZL	1350
Washington, Ind.	WAMW	1580		WVOT	1420		WVZL	1350
Washington, Iowa	KCII	1380		WVOT	1420		WVZL	1350
Washington, N.J.	WCRR	1580		WVOT	1420		WVZL	1350
Washington, N.C.	WEEW	1320		WVOT	1420		WVZL	1350
	WITN	930		WVOT	1420		WVZL	1350
Washington, Pa.	WJPA	1450		WVOT	1420		WVZL	1350
	WKEG	1110		WVOT	1420		WVZL	1350
Washington Court House, Ohio	WCHO	1250		WVOT	1420		WVZL	1350
Waterbury, Conn.	WATR	1320		WVOT	1420		WVZL	1350
Waterbury CN	WQQW	1890		WVOT	1420		WVZL	1350
	WWCO	1240		WVOT	1420		WVZL	1350
Waterbury, Vt.	WDEV	850		WVOT	1420		WVZL	1350
Waterloo IA	KLEU	850		WVOT	1420		WVZL	1350
	KXEL	1840		WVOT	1420		WVZL	1350
	KNWS	1090		WVOT	1420		WVZL	1350
	KWWL	1330		WVOT	1420		WVZL	1350

U.S. AM STATIONS BY CALL LETTERS

Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
KAAA	Kingman AZ	1230	KAJD	Grants Pass, Oreg.	1270	KAPR	Douglas AZ	930
KAAP	Santa Paula, CA	1400	KAKA	Derwood, AR	1110	KAPS	Mt. Vernon, Wash.	1470
KAAZ	Mountlake Terr., WA	1510	KAKC	Tulsa, Okla.	900	KAPY	Port Angeles, Wash.	1290
KAAW	Denver CO	1090	KAKE	Wichita, Kan.	1240	KARE	Athol, Kan.	1470
KAAV	Little Rock AR	1090	KALB	Alexandria, La.	580	KARJ	Blaire, Wash.	550
KABC	Los Angeles, Calif.	790	KALE	Richland, Wash.	960	KARW	Fresno, Calif.	1430
KABI	Abilene, Kans.	1560	KALG	Alamogordo, N.Mex.	1230	KARN	Little Rock AR	920
KABE	Oakland, Calif.	960	KALI	San Gabriel, Cal.	1430	KARR	Great Falls, Mont.	1400
KABQ	Albuquerque, N.M.	1330	KALJ	Salt Lake City, Utah	1430	KARS	Belen, N.M.	910
KABR	Aberdeen, S.Dak.	1420	KALM	Thayer, Mo.	1290	KART	Jerome, Idaho	1400
KACH	Preston, ID	1340	KALO	Little Rock AR	1250	KARV	Russellville AR	1490
KACI	The Dalles, Oreg.	1300	KALT	Atlanta, Tex.	900	KARY	Prosser, Wash.	1210
KACO	Bolivar, TX	1090	KALV	Alva, Okla.	1430	KASA	Phoenix AZ	1540
KACT	Andrews, Tex.	1360	KAMA	El Paso TX	1060	KASH	Eugene, Oreg.	1600
KACY	Port Huemeno, Calif.	1520	KAMD	Camden AR	910	KASI	Ames, Iowa	1430
KADA	Ada, Okla.	1230	KAME	Cozad, Neb.	1580	KASK	Newcastle, Wyo.	1240
KADE	Boulder CO	1190	KAML	Kenedy-Karnes City, Tex.	990	KATP	Albany, Minn.	1150
KADI	Clayton, MO	1320	KAMO	Rogers AR	1390	KAST	Minden, La.	1240
KADL	Pine Bluff AR	1270	KAMP	El Centro, Calif.	1430	KASU	Astoria, Ore.	1370
KADO	Texarkana, TX-AR	940	KAMX	Albuquerque NM	1520	KASY	Auburn, Wash.	1220
KADS	Eik City, Okla.	1240	KAMY	McCamey, Tex.	1450	KATA	Arcaia CA	1340
KAFE	Sante Fe, N.M.	810	KANA	Anacostia, Mont.	1480	KATB	Agana, GU	570
KAFJ	Flagstaff, AZ	930	KANC	Anchorage, Alaska	1030	KATE	Albert Lea, Minn.	1400
KAFY	Bakersfield, Calif.	550	KAND	Corsicana, Tex.	1340	KATI	Casper, Wyo.	1400
KAGE	Winona, Minn.	930	KANE	New Iberia, La.	1240	KATL	Miles City, Mont.	1340
KAGH	Crossett AR	800	KANI	Wharton, Tex.	1090	KATO	Safford AZ	1230
KAGI	Grants Pass, Oreg.	1180	KANN	Ogden, Utah	1500	KATR	Eugene, Ore.	1320
KAGO	Klamath Falls, Oreg.	1150	KANO	Anoka, Minn.	1470	KATY	San Luis Obispo, Cal.	1430
KAGP	Port Sulphur, LA	1510	KANQ	Armed, Kan.	910	KATZ	St. Louis, MO	1000
KAGI	Auburn, Calif.	950	KAOH	Duluth, Minn.	1390	KATA	Austin, Minn.	1410
KAHL	North Platte, NB	1410	KAOK	Lake Charles, La.	1400	KAVA	Burney, Cal.	1450
KAHU	Walapa, Hawaii	940	KAOL	Carrilnton, Mo.	1430	KAVE	Carlsbad, N.Mex.	1240
KAIM	Honolulu, Hawaii	870	KAPA	Raymond, Wash.	1370	KAVL	Rocky Ford, Colo.	1320
KAIN	Nampa, Ida.	1340	KAPB	Marksville, La.	1370	KAVL	Lancaster, Calif.	610
KAIR	Tucson, Ariz.	1490	KAPE	San Antonio, Tex.	1480	KAVR	Apple Valley, Calif.	960
KAJN	Crowley, La.	1560	KAPJ	Pueblo, Colo.	690	KAWC	Yuma AZ	1320
						KAWL	York, Neb.	1370

U.S. AM STATIONS BY CALL LETTERS

Call	Location	kHz	Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
KBEN	Carrizo Sprgs., Tex.	1450	KCIA	Humble City, N. Mex.	1110	KOWN	Las Vegas, NV	720	Text		
KBET	Reno, Nev.	1340	KCID	Caldwell, Idaho	1490	KDWT	Stamford, Tex.	1400	KFRE	Fresno, Calif.	980
KBFW	Blue Earth, Minn.	1560	KCKD	Washington, Iowa	1380	KDXX	N. Little Rock, AR	1380	KFRM	Salina, Kan.	550
KBFL	Bonniers Ferry, IN	1450	KCIJ	Shreveport, La.	980	KDYN	Nashfield, La.	1360	KFRQ	Longview, Tex.	1370
KBFS	Belle Fourche, S.Dak.	1450	KCIM	Carroll, Iowa	1380	KDXL	St. George, UT	1450	KFRU	Columbia, Mo.	1400
KBFW	Bellingham, Wash.	930	KCIN	Victorville, Calif.	1590	KDYU	Tooele, Utah	990	KFSA	Fort Smith AR	950
KBGN	Memphis, Tex.	1150	KCJB	Minot, N.Dak.	910	KDZA	Pueblo, Colo.	1230	KFSB	Joplin, Mo.	1310
KBGN	Caldwell, ID	1060	KCJJ	Iowa City, IA	1560	KEAN	Brownwood, Tex.	1240	KFSC	Denver, Colo.	1220
KBHB	Sturgis, S. D.	810	KCKC	San Bernardino, Cal.	1350	KEAP	Fresno, Calif.	980	KFST	Ft. Stockton, Tex.	1260
KBHM	Haskell, Ar.	1260	KCKN	Kansas City, Kans.	1340	KEB	Nacogdoches, Tex.	1230	KFTW	Ft. Morgan, Colo.	1400
KBHM	Branson, Mo.	1200	KCKW	Jena, La.	1480	KECH	Ketchikan, Alaska	620	KFTN	Provo, UT	1400
KBHS	Hot Springs AR	590	KCKY	Coalgate AZ	1180	KECK	Lincoln, Neb.	1530	KFTW	Fredericktown, Mo.	1480
KBIS	Monette AR	1860	KCLA	Pine Bluff AR	1400	KEDA	San Antonio, Tex.	1540	KFVN	Las Vegas, N. Mex.	1230
KBIF	Fresno, Calif.	900	KCLD	St. Cloud, NM	1450	KEDO	Dodge City, Kans.	1550	KFUD	Clayton, Mo.	850
KBIL	Liberty, Mo.	1140	KCLE	Cleburne, Tex.	1120	KEDD	Longview, Wash.	1400	KFVS	Cape Girardeau, Mo.	960
KBIM	Roswell, N. Mex.	910	KCLM	Clarkston, Wash.	1430	KEDD	Eugene, Ore.	1450	KFWB	Los Angeles, Calif.	580
KBIX	Muskogee, Okla.	1490	KCLN	Redding, Cal.	1330	KEE	Nacogdoches, Tex.	1230	KFWJ	Lake Havasu City AZ	960
KBMY	Lemmon, S.D.	1490	KCLN	Clinton, Iowa	1390	KEEL	Shreveport, La.	710	KFXD	Nampa, Idaho	580
KBJS	Sallisaw, Okla.	1510	KCLO	Leavenworth, Kans.	1470	KEEN	San Jose, Calif.	1370	KFXM	San Bernardino, Calif.	690
KBIZ	Ottawa, Iowa	1240	KCLR	Ralls, Tex.	1530	KEEP	Twin Falls, Idaho	1450	KFYN	Bonham, Tex.	1420
KBJT	Fortyone AR	1870	KCLS	Flagstaff AZ	600	KEES	Gladewater, Tex.	1450	KFYU	Lubbock, Tex.	790
KBKB	Ford Madison, IA	1360	KCLT	Lockhart, TX	1060	KEEY	Minneapolis-		KFYR	Blamere, N.Dak.	550
KBKR	Baker, Ore.	1490	KCLU	Rolla, Mo.	1590	SEL	Paul MN	1400	KGA	Spokane, Wash.	1510
KBKW	Abardeen, Wash.	1480	KCLV	Clovis, N. Mex.	1240	KEGG	Daingerfield, Tex.	1560	KGAF	Gainesville, Tex.	1360
KBLC	Lakeport, Cal.	1270	KCLW	Hamilton, Tex.	900	KEGG	Fossilville, Tex.	1420	KGAK	Gallatin, Mont.	1330
KBLE	Seattle, Wash.	1050	KCLX	Colfax, Wash.	1490	KEGL	Great Falls MT	1310	KGAL	Lebanon, Ore.	920
KBLF	Red Bluff, Calif.	1490	KCMC	Texasarkana, Tex.	740	KELA	Centralia-Checkalls, Wash.	1470	KGAR	Vancouver, Wash.	1550
KBLI	Blackfoot, Idaho	690	KCMJ	Palm Sprgs., Calif.	1010	KELO	El Dorado AR	1400	KGAS	Carthage, Tex.	1590
KBLL	Helena, Mont.	1240	KCMO	Kansas City, Mo.	810	KELI	Tulsa, Okla.	1430	KGAY	Salom, Ore.	1430
KBLR	Boylar, Mo.	1130	KCMP	Brush, CO	1010	KELK	Elko, Nev.	1240	KGB	San Diego, Calif.	1360
KBLU	Yuma, Ariz.	560	KCN1	Ashland OR	580	KELE	Sioux Falls, S.Dak.	1320	KGBC	Galveston, Tex.	1540
KBLV	Logan, Utah	1390	KCN1	Broken Bow, Nebr.	1260	KELP	El Paso, Tex.	920	KGCC	Rugby, N.D.	1450
KBLY	Guid Onizco, Ore.	1220	KCNW	Fairway, KS	1380	KELR	El Reno, Okla.	1460	KGCL	East Prairie, Ms.	1080
KBMI	Henderson, Ar.	1490	KCNY	San Marcos, Tex.	1470	KELY	Ely, Nev.	1230	KGCX	Sidney, Mont.	1480
KBMM	Bozeman, Mont.	1230	KCOB	Newtown, Iowa	1280	KEMM	Marshfield, Mo.	1510	KGDN	Edmonds, Wash.	630
KBMO	Benson, Minn.	1290	KCOG	Centerville, Iowa	1400	KENA	Mena AR	1450	KGEE	Bakersfield, Calif.	1230
KBMM	Bismarck, N. D.	1350	KCOH	Houston, Tex.	1450	KEND	Lubbock TX	1590	KGEG	Stirling, Colo.	1360
KBMW	Wanpeton, N.D.-		KCOK	Tulare, Calif.	1270	KEND	Fort Collins, Wash.	1480	KGEM	Boise, Idaho	1140
Breckenridge, Minn.	1450	KCOL	Ft. Collins, Colo.	1410	KENI	Anchorage, AK	550	KGEN	Tulare, Calif.	1370	
KBMY	Billings, Mont.	1240	KCOM	Comanche, Tex.	1550	KENM	Portales, N. Mex.	1450	KGEN	Long Beach, Calif.	1390
KBND	Band, Ore.	1140	KCON	Conway AR	1230	KENN	Farmington, N.M.	1390	KGEZ	Kalispol, Mont.	800
KBOA	Kennett, Mo.	830	KCOR	San Antonio, Tex.	1350	KENN	Las Vegas, Nev.	1460	KGFF	Shawnee, Okla.	1450
KBOE	Oskaloosa, Iowa	740	KCOW	Alliance, Nebr.	1400	KENR	Houston, Tex.	1070	KGJF	Los Angeles, Calif.	1230
KBOI	Boise, ID	670	KCPX	Salt Lake City, Utah	1320	KENT	Prescott, Ariz.	1340	KGFW	Kearney, Nebr.	1340
KBOK	Maiuern AR	1310	KCRS	Midland, Tex.	550	KERB	Atok, Okla.	690	KGIO	Pierre, S.D.	1060
KBOL	Boutner, Colo.	1490	KCRS	Midland, Tex.	550	KERC	Eastland, Tex.	1590	KGIS	International Falls, Minn.	1230
KBON	San Bernardino, Calif.	1490	KCRT	Trinidad, Colo.	1240	KERE	Denver CO	710	KGLS	San Fernando, Calif.	1260
KBOP	Pleasanton, Tex.	1380	KCRV	Caruthersville, Mo.	1370	KERN	Eugene, Ore.	1280	KGLV	Alamosa, Colo.	1450
KBOR	Brownsville, Tex.	1690	KCTA	Corpus Christi, Tex.	1030	KERN	Bakersfield, Calif.	1410	KGMA	San Angelo, Tex.	980
KBOW	Dallas, TX	1490	KCTE	Southwest City, MO	1140	KERR	Polson, MT	1070	KGKO	Benton AR	850
KBOY	Medford, Ore.	730	KCTI	Gonzales, Tex.	1450	KERY	Kerrville, Tex.	1230	KGKT	Brenton AR	850
KBDZ	Bozeman, MT	1090	KCTO	Columbia, La.	1540	KESM	Eldorado Spring, Mo.	1580	KGLE	Gretna, La.	940
KBDL	Portland, Ore.	1430	KCTP	Sierras, Calif.	980	KETX	Livingston, Tex.	1440	KGLC	Miami, Okla.	920
KBER	Ainsworth, Neb.	1400	KCTX	Childress, Tex.	1510	KEUN	Eunice, La.	1290	KGLE	Glendale, Mont.	590
KBRC	Mt. Vernon, Wash.	1420	KCUB	Rudon AZ	1290	KEVA	Evanston, Wyo.	1240	KGLM	Avalon, Calif.	740
KBRE	Cedar City, Utah	940	KCUE	Tee Wing, Minn.	1250	KEVT	Tucson AZ	690	KGLN	Glenwood Sprgs., Colo.	980
KBRF	Fergus Falls, Minn.	1250	KCUZ	Clifton AZ	1490	KEWI	Topeka, Kans.	1440	KGLO	Mason City, Iowa	1300
KBRI	Brinkley AR	1570	KCVL	Colville, Wash.	1270	KEWQ	Paradise, Cal.	930	KGLU	Safford, Ariz.	1480
KBRJ	Boise, ID	650	KCVR	Lord, Calif.	1570	KEWS	Cuero, TX	1600	KGMB	Honolulu, Hawaii	1480
KBRK	Brookings, S.Dak.	1430	KCWA	Wamsutter, Wyo.	1450	KEXE	Portland, Ore.	1190	KGMB	Bellingham, Wash.	780
KBRM	McCook, Nebr.	1300	KDAC	Ft. Bragg, Calif.	1230	KEXS	Excelsior Springs, Mo.	1090	KGMO	Cape Girardeau, Mo.	1220
KBRN	Brighton, Colo.	800	KDAA	Carrington, N.D.	1600	KEYE	Perryton, Tex.	1400	KGMR	Jacksonville AR	1500
KBRD	Bremerton, Wash.	1490	KDAL	Duluth, Minn.	610	KEYH	Houston, TX	1400	KGMS	Sacramento, Calif.	1310
KBRR	Leadville, Colo.	1230	KDAN	Minneapolis-		KEYJ	Jamestown, N.Dak.	1400	KGMT	Fairbury, Nebr.	1380
KBRV	Springdale AR	1340	St. Paul MN	1370	KEYL	Long Prairie, Minn.	1400	KGMY	Missoula, Mont.	1450	
KBRV	Ada Springs, Ida.	740	KDAA	Lubbock, Tex.	580	KEYR	Terrytown, Nebr.	690	KGNB	New Braunfels, Tex.	1400
KBRW	Barrow AK	680	KDAB	Santa Monica, Calif.	1580	KEYS	Corpus Christi, Tex.	1440	KGNC	Amarillo, Tex.	710
KBRX	O'Neill, Nebr.	1350	KDAB	Albuquerque, N.M.	730	KEYY	Provo, Utah	1450	KGNO	Dodge City, Kans.	1370
KBRZ	Freeport, Texas	1460	KDBA	Santa Barbara, Calif.	1490	KEYZ	Williston, N.Dak.	1360	KGO	San Francisco, Calif.	810
KBSF	Springhill, La.	1460	KDBB	Alexandria, La.	1410	KEZE	Spokane, Wash.	1380	KGOE	Thousand Oaks, Calif.	880
KBSN	Orae, Tex.	970	KDBS	Espanola, N.M.	970	KEZM	Sulphur, LA	1310	KGOL	Palm Desert, CA	1270
KBST	Big Spng., Tex.	1090	KDDA	Dumas AR	1560	KEZY	Anahim, Calif.	1190	KGOS	Torrington, Wyo.	1490
KBTA	Batesville AR	1340	KDDD	Dumas, Tex.	800	K-AB	Omaha, NB	1110	KGRB	West Covina, Cal.	900
KBTC	Houston, Mo.	1250	KDDR	Oakes NO	1220	KFAH	Los Angeles, Calif.	1330	KGRI	Henderson, Tex.	1000
KBTM	Jonesboro AR	1230	KDEN	Denver, Colo.	1340	KFAL	Lakewood Center, Wash.	1480	KGRB	Bend, Ore.	940
KBTV	Neosho, Mo.	1420	KDES	Palm Sprgs., Calif.	920	KFAR	Fairbanks AK	660	KGRN	Grinnell, Iowa	1410
KBUB	Sparks, Nev.	1270	KDET	Center, Tex.	950	KFAY	San Francisco, Calif.	1100	KGRD	Pampa, Tex.	1230
KBUC	San Antonio, Tex.	1310	KDEX	Dexter, Mo.	1590	KFAF	Fayetteville AR	1250	KGRT	Las Cruces, N. Mex.	570
KBUD	Athens, Tex.	1410	KDFF	Sumner, Wash.	1560	KFBY	Coyne, Wyo.	240	KGST	Fresno, Calif.	1600
KBUG	Springfield MO	1060	KDFN	Doniphan, Mo.	1500	KFBG	Waynesville, Mo.	1270	KGTA	Georgetown, Tex.	1530
KBUN	Birmingham City, Utah	800	KDGO	Durango, Colo.	1240	KFBK	Sacramento, Calif.	1530	KGUB	Honolulu, Hawaii	260
KBUR	Baytown, TX	1360	KDHI	Twenty-nine Palms, California	1250	KFBC	Nogales AZ	1340	KGUL	Gunnville, Wash.	1460
KBUL	Wichita, KS	900	KDHL	Fairbault, MN	920	KFCB	Redfield, S. Dak.	1380	KGVL	Port Lavac, Tex.	1560
KBUN	Bemidji, Minn.	1450	KDHN	Dimmitt, Tex.	1470	KCDF	Van Buren AR	1380	KGVM	Greenville, Tex.	1490
KBUR	Burlington, Iowa	1590	KDIA	Oakland, Calif.	1310	KFDI	Wichita, Kansas	1070	KGVO	Missoula, Mont.	1200
KBUS	Maple, Tex.	1590	KDIO	Ortonville, Minn.	1350	KFDL	Wichita, Kansas	1070	KGWV	Belgrade, Mont.	630
KBVM	Leicester, Calif.	1380	KDIX	Dickinson, N.Dak.	1230	KFDL	Gran Goulee, Wash.	1360	KGWA	Enid, Okla.	960
KBWD	Brownwood, TX	1380	KDJJ	Holbrook AZ	1270	KFEL	Pueblo, Colo.	970	KGYN	Guymon, Okla.	1210
KBXM	Kennett, Mo.	1540	KDJW	Holbrook AZ	1270	KFEQ	St. Joseph, Mo.	680	KHAC	Window Rock AZ	1300
KBYE	Okla. City, Okla.	890	KDJW	Amarillo, Tex.	1010	KFFA	Helena AR	1380	KHAD	DeSoto, Mo.	1190
KBYG	Big Springs, Tex.	1400	KDKA	Pittsburg, Pa.	1020	KFGQ	Fargo, N.D.	790	KHAK	Cedar Rapids, Iowa	1360
KBYP	Shamrock, Tex.	1580	KDKB	Mesa, AZ	1510	KFGO	Boone, Iowa	1260	KHAL	Homor, La.	1340
KBYS	Anchorage AK	700	KDKD	Clinton, Mo.	1280	KFH	Wichita, Kans.	1070	KHAP	Aztec, N.M.	1320
KBZ	Salmon, Ore.	1490	KDKD	Littleton, Colo.	1510	KFIL	Preston, Minn.	840	KHAR	Anchorage AK	890
KBZZ	Lajunta, Colo.	1400	KDLA	DeRidder, La.	1010	KFIR	Sweet Home, Ore.	1370	KHAS	Hastings, Nebr.	1230
KCAD	Dardanelle AR	980	KDLG	Dillingham, AK	970	KFIV	Modesto, Calif.	1360	KHBM	Monticello AR	1480
KCAD	Abilene, Tex.	1560	KDLK	Del Rio, Tex.	1230	KFIZ	Fond du Lac, Wis.	1450	KHBR	Hillsboro, Tex.	1560
KCAL	Redlands, Calif.	1410	KDLM	Detroit Lakes, Minn.	1340	KFJB	Marshalltown, Iowa	1230	KHCS	Phoenix AR	1010
KCAM	Glennallen AK	790	KDLN	Devils Lake, N.Dak.	1240	KFJM	Grand Forks, N. Dak.	1370	KHDN	Hardin, Mont.	1230
KCAN	Canyon, Tex.	1550	KDLT	Delta, UT	840	KFJN	Grand Forks, N. Dak.	1370	KHEM	Big Springs, Tex.	1270
KCAP	Helena, Mont.	1340	KDMA	Montevideo, Minn.	1460	KFKA	Greely, Colo.	1310	KHEN	Henrysota, Okla.	1280
KCAR	Clarksville, Tex.	1050	KDMS	El Dorado AR	1290	KFKL	Scott City, Kans.	1250	KHEP	Phoenix AZ	1280
KCS	Staton, Tex.	1590	KDNT	Denton, Tex.	1440	KFLA	Floydada, Tex.	900	KHEY		

U.S. AM STATIONS BY CALL LETTERS

Call	Location	kHz	Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
KIBE	Palo Alto, Calif.	1220	KKOA	Minto, ND	1390	KMLO	Vista, Cal.	1000	KOMA	Dkta. City, Okla.	1520
KIBL	Beeville, Tex.	1490	KKOK	Lompoc, Calif.	1410	KMMJ	Grand Island, Nebr.	750	KOMO	Seattle, Wash.	1000
KIBS	Bishop, Calif.	1230	KKON	Kealahakua, Hawaii	790	KMMW	Marshall, Mo.	1360	KOMV	Umak, Wash.	880
KICB	Clonville, N.C.	940	KKOY	Chanute, Kan.	1460	KMNS	Stoux City, Iowa	1360	KOMY	Watsonville, Calif.	1640
KICD	Spencer, Iowa	1240	KKSJ	Mt. Pleasant, IA	1130	KMNT	Stanton, W.Va.	1540	KOMW	London, W.Va.	610
KICK	Springfield, Mo.	1340	KKUA	Honolulu, Hawaii	690	KMON	Great Falls, Mont.	850	KONE	Reno, Nev.	1450
KICO	Calexico, Calif.	1490	KKUB	Brownfield, Tex.	1300	KMOO	Mineola, TX	1510	KONG	Visalia, Calif.	1400
KICS	Hastings, Neb.	1550	KKUZ	Burlington, Iowa	1150	KMOR	Murray, Utah	1210	KONI	Spanish Fork, Utah	1480
KICX	McCook, Neb.	1360	KKXL	Grand Forks ND	1440	KMOX	St. Louis, Mo.	1230	KONO	San Antonio, Tex.	860
KIDY	Nome, AK	850	KKYN	Plainview, TX	1090	KMPC	Los Angeles, Calif.	710	KONP	Port Angeles, Wash.	1480
KIDH	Idaho Falls, Idaho	590	KKYR	Marshall, TX	1410	KMPG	Hollister, Cal.	1540	KONY	San Marcos, TX	1470
KIDD	Monterey, Calif.	630	KKZL	San Antonio	880	KMPL	Sikeston, Mo.	1520	KOOK	Buttins, Mont.	970
KIDN	Pueblo, CO	1400	KKZZ	Laweston, TX	1380	KMRC	Morgan City, La.	1430	KOOL	Phoenix AZ	960
KIDO	Boise, Idaho	630	KLAC	Los Angeles, Calif.	670	KMPS	Seattle, WA	1300	KOOS	Omaha, Neb.	1420
KIEV	Glendale, Calif.	870	KLAD	Klamath Falls, OR	960	KMRR	Cameron, Mo.	1360	KOOS	Coos Bay, Ore.	1230
KIFG	Iowa Falls, Ia.	1510	KLAK	Lakewood, Colo.	1600	KMRS	Morris, Minn.	1230	KOPU	Tucson, Ariz.	1450
KIFN	Phoenix AZ	880	KLAM	Cordova AK	1450	KMSD	Milbank, SD	1810	KOPY	Aliso, Tex.	1070
KIFW	Sitka AK	1230	KLAN	Lemoore, Calif.	1320	KMSL	Ukiah, Cal.	1250	KOQT	Bellingham, Wash.	1550
KIGI	Pasadena, CA	1110	KLAR	Laredo, Tex.	1300	KMST	Manti, UT	1340	KOQB	Mindaco Wells, Tex.	1140
KIGO	St. Anthony, Ida.	1400	KLAY	Las Vegas, Nev.	1230	KMTX	Helena, MT	950	KORD	Pasco, Wash.	910
KIHN	Hugo, Okla.	1340	KLBJ	Austin TX	590	KMUL	Muleshoe, Tex.	1380	KORE	Springfield-Eugene, Ore.	1050
KIIQ	Manitou Springs, CO	1490	KLBK	Lubbock, Tex.	1340	KMUS	Muskogee, Okla.	1380	KORK	Las Vegas, Nev.	920
KIIS	Los Angeles, Calif.	1100	KLBM	La Grande, Ore.	1450	KMVI	Wailuku, Hawaii	1550	KORL	Honolulu, Hawaii	650
KIIX	Ft. Collins, Colo.	600	KLBS	Los Banos, Calif.	1330	KMWX	Yakima, Wash.	460	KORN	Milchell, S.Dak.	1490
KIYV	Huron, S.D.	1340	KLCB	Libby, Mont.	1230	KMYC	Marysville, Calif.	1410	KORT	Grangeville, Idaho	1160
KKCQ	Forsyth, MT	1250	KLCO	Lake Charles, LA	1470	KMVC	Burlington, Calif.	910	KORV	Orono, CA	1340
KIKH	Honolulu, Hawaii	830	KLEU	Waterloo IA	850	KNAC	Salt Lake City, Utah	1280	KOSE	Decota AR	860
KIKK	Pasadena, Tex.	650	KLEC	Poteau, Okla.	1280	KNAL	Victoria, Tex.	1410	KOSI	Aurora, Colo.	1430
KIKM	Sherman, Tex.	910	KLEA	Lovington, N.Mex.	630	KNAM	Midland, Tex.	1810	KOSY	Texarkana AR	780
KIKN	Sinton, Tex.	1890	KLEB	Golden Meadow, La.	1600	KNBA	Vallejo, Calif.	1190	KOTA	Rapid City, S.Dak.	1380
KIKO	Miami AZ	1340	KLEE	Ottumwa, Iowa	1480	KNBI	Norton, Kan.	1530	KOTD	Plattsmouth, Neb.	1000
KIKR	Conroe, TX	900	KLEI	Kailua, Hawaii	1130	KNBD	New Boston, Tex.	1340	KOTN	Pine Bluff AR	1490
KIKS	Iola, KS	1370	KLEM	LeMars, Iowa	1410	KNBR	New Francisco, Cal.	680	KOTS	Deming, N.M.	1360
KIKX	Tucson AZ	1150	KLEO	Wichita, Kans.	1480	KNBY	Newport AR	1280	KOTY	Kentz Creek, WA	1340
KIKZ	Seminole, Tex.	1250	KLEW	Drono Idaho	850	KNCR	Nivlan, LA	1320	KOTZ	Kotzebue AK	720
KIME	Galveston, TX	1580	KLEX	Lexington, Mo.	1570	KNCK	Concordia, Kans.	1390	KOUR	Independence, Iowa	1220
KILO	Kirkland, WA	1460	KLEY	Wellington, Kan.	1130	KNCY	Nebraska City, Nebr.	1600	KOVC	Valley City, N.Dak.	1490
KILR	Etherville, Iowa	1070	KLFB	Lubbock, Tex.	1420	KNDC	Hettinger, N.Dak.	1490	KOVE	Lander, Wyo.	1330
KILT	Houston, Tex.	610	KLFD	Litsheld, Minn.	1410	KNDE	Sacramento, Calif.	1470	KDVO	Provo, Utah	960
KIMB	Kimball, Nebr.	1260	KLFJ	Springfield MO	1550	KNDI	Honolulu, Hawaii	1570	KOWB	Laramie, Wyo.	1290
KIML	Gillette, Wyo.	1270	KLGA	Algona, Iowa	1600	KNDL	Langdon, N.D.	1270	KDWH	Omaha, Nebr.	660
KIMM	Rapid City, S.D.	1150	KLEH	Redwood Falls, Minn.	1490	KNDY	Marysville, Kans.	1080	KOVL	South Lake Tahoe, Cal.	1490
KIMN	Denver, Colo.	950	KLIB	Liberal, Kans.	1470	KNEA	Jonesboro AR	870	KOWN	Espanola, Calif.	1450
KIMP	Mt. Pleasant, Tex.	960	KLIC	Monroe, La.	1230	KNED	McAlester, Okla.	970	KOWW	Waseca MN	1170
KINA	Ballina, Kan.	910	KLID	Popular Bluff, Mo.	1340	KNEL	Waukon, Ia.	1150	KOXX	Oxnard, Calif.	910
KINC	Independence, CA	600	KLIF	Dallas, Tex.	1190	KNEL	Brady, Tex.	1140	KOYB	Phoenix AZ	560
KIND	Independence, Kan.	1010	KLJK	Jefferson City, Mo.	950	KNEM	Nevada, Mo.	1440	KOYL	Uaessa, Tex.	1310
KINE	Kingsville, Tex.	1350	KLKN	Lincoln, Nebr.	1490	KNET	Palestine, Tex.	1240	KOYN	Billings, Mont.	1070
KING	Seattle, Wash.	1090	KLKI	Fowler, Calif.	1220	KNEX	Oakland, Cal.	910	KOYU	El Dorado KS	1430
KIKN	Alamogordo, NM	1270	KLIQ	Portland, Ore.	1290	KNEX	McPherson, Kans.	1540	KOZE	Odessa, Tex.	1230
KINO	Winslow AZ	230	KLIR	Denver, Colo.	980	KNFZ	Lompoc, Calif.	960	KUZE	Lewiston, Idaho	1300
KINS	Eureka, Calif.	830	KLIV	San Jose, Cal.	1590	KNFT	Chelan, N.M.	950	KOZI	Chelan, Wash.	1230
KINT	El Paso, Tex.	1590	KLIX	Twin Falls, Idaho	1310	KNFS	Hanford, Calif.	820	KOZY	Grand Rapids, MN	1250
KIUN	Juneau, AK	800	KLIZ	Brainerd, Minn.	1380	KNIA	Knoxville, Iowa	1270	KPAC	Port Arthur, Tex.	1320
KIOA	Des Moines, Iowa	840	KLKC	Parsons, KS	1460	KNIS	Kingville, Kan.	1550	KPAG	Pagosa Springs, CO	1400
KIOE	Honolulu, HI	1080	KLLA	Laesville, La.	1570	KNIM	Maryville, Mo.	1580	KPAL	Pinville, LA	1110
KIOT	Barstow, Calif.	1510	KLLB	Lubbock, Tex.	1460	KNIN	Wichita Falls, Tex.	990	KPAM	Portland, OR	1410
KIOX	Bay City, Tex.	1270	KLLM	Longmont, Colo.	960	KNIR	New Iberia, La.	1360	KPAR	Hereford, Tex.	860
KIPA	Hilo HI	620	KLLR	Lamar, Colo.	1020	KNIT	Abilene, Tex.	1280	KPAR	Albuquerque, N.M.	1190
KIQJ	San Francisco, CA	1010	KLMS	Lincoln, Nebr.	1480	KNIX	Tempe AZ	1580	KPAT	Sierra Vista AZ	1420
KIQS	Willows, Calif.	1560	KLNG	Clayton, N.Mex.	1490	KNND	Cad. Net, CO	1680	KPAY	Chico, Calif.	1060
KIRL	St. Charles, Mo.	1460	KLNS	Omaha, Neb.	1460	KNNF	Friona, Tex.	1070	KPBC	Dallas, Tex.	1460
KIRO	Seattle, Wash.	710	KLOG	Ogden, Utah	1430	KNOC	Natchitoches, La.	1480	KPCA	Market Tree AR	1890
KIRT	Mission, Tex.	1580	KLOA	Hidgeerct, Calif.	1240	KNOE	Monroe, La.	540	KPCO	Quincy, Cal.	1370
KIRV	Fresno, Calif.	1810	KLOC	Ceres, Calif.	920	KNOF	Pullman, WA	1150	KPCR	Bowling Green, Mo.	1530
KIRX	Kirkville, Mo.	1270	KLOE	Goodland, Kans.	730	KNOK	Ft. Worth, Tex.	970	KPDN	Pampa, Tex.	1340
KISA	Honolulu, HI	1540	KLOG	Kelso, Wash.	1580	KNOM	Noma, AK	780	KPDY	Portland, Ore.	800
KISD	Sloux Falls, S.D.	1520	KLOK	Pipstone, Minn.	1030	KNOR	N. Platte, Nebr.	1410	KPEL	Lalayette, La.	1420
KISO	El Paso, TX	1150	KLOX	San Jose, CA	1170	KNOR	Norman, Okla.	1400	KPEP	San Angelo, Tex.	1070
KIST	Santa Barbara, Calif.	1340	KLOM	Lompoc, Calif.	1330	KNOR	Prescott AZ	1450	KPGE	Lamesa, Tex.	690
KIT	Yakima, Wash.	1280	KLOO	Corvallis, Ore.	1340	KNOW	Austin TX	1490	KPGG	Page AZ	1340
KITE	Terrell Hills, Tex.	930	KLOU	Lake Charles, La.	1580	KNOX	Grand Forks, N.Dak.	1310	KPHX	Phoenix, AZ	1480
KITJ	Chahalls-Centralia, Wash.	1420	KLOY	Lovelead, Colo.	1570	KNP	Newport, Ore.	1310	KPIA	Ironton, MO	1480
KITN	Olympia, Wash.	920	KLPI	Lake Providence, La.	1150	KNPT	San Diego, CA	1580	KPIK	Colorado Spros., CO	1580
KIUL	Garden City, Kans.	1240	KLPR	Okla. City, Okla.	1140	KNUI	Makawala, Hawaii	1310	KPIN	Casa Grande AZ	1290
KIUN	Peens, TX	1400	KLPU	Union, Mo.	1220	KNUI	New Uim, Minn.	860	KPLT	Park, Tex.	1460
KIUP	Durango, CO	930	KLRA	Little Rock AR	1010	KNUZ	Houston, Tex.	1230	KPMC	Bakersfield, Calif.	1240
KIYV	Crockett, Tex.	1290	KLRK	Centerville, UT	1600	KNWC	Sloux Falls, S.D.	1270	KNW	Eugene, Ore.	1120
KIWA	Sheldon, Iowa	1550	KLRS	Mountain Grove, Mo.	1360	KNWX	Waterloo, Iowa	1090	KPHX	Phoenix AZ	1480
KIWT	Seattle, Wash.	910	KLTF	Little Falls, Minn.	960	KNWY	Abuquerque, NM	1150	KPOC	Poahontas AR	1420
KIXL	Austin, TX	870	KLTR	Mason, Mo.	1560	KNWY	Ames, Calif.	1070	KPOD	Grand City, CA	1240
KIXS	Killeen, TX	1050	KLTX	Blackwell, Okla.	1580	KOAA	Denver, Colo.	850	KPOF	Denver, Colo.	910
KIXX	Provo, UT	1400	KLUB	Salt Lake City, Utah	570	KOAC	Corvallis, Ore.	550	KPOI	Honolulu, HI	990
KIXY	San Angelo TX	1260	KLUC	Las Vegas, Nev.	1140	KOAL	Red Oak, Ia.	1080	KPOL	Los Angeles, Calif.	1540
KIXZ	Amarillo, Tex.	940	KLUF	Lufkin, Tex.	1280	KOAK	Priest, Utah	1230	KPOP	Roseville, Cal.	1110
KJAM	Madison, S.Dak.	1390	KLUV	Haynesville, La.	1580	KOAM	Pittsburg, Kans.	860	KPOS	Post, Tex.	1370
KJAN	Atlanta, Iowa	1220	KLVS	Beaumont, Tex.	1580	KOBB	Albuquerque, N.Mex.	770	KPOW	Powell, Wyo.	1260
KJAS	Jackson, MO	1430	KLVL	Pasadena, Tex.	1480	KOBE	Las Cruces, N.Mex.	1450	KPPC	Pasadena, Calif.	1270
KJAX	Santa Rosa, Calif.	1150	KLVT	Levelland, Tex.	1230	KOBH	Hot Springs, S.Dak.	580	KPPG	Glendale, Calif.	1240
KJAY	Sacramento, Calif.	1430	KLWN	Lawrence, Kans.	1320	KOBO	Yuba City, Cal.	1430	KPQ	Wanatche, Wash.	560
KJBC	Midland, Tex.	1150	KLWT	Lebanon, Mo.	1230	KOCY	Reno, Nev.	1550	KPRB	Redmond, Ore.	1240
KJCF	Festus, Mo.	1400	KLWV	Cedar Rapids, Iowa	1450	KOCG	Kilgus, Tex.	1240	KPRC	Houston, Tex.	950
KJCH	Cleveland, TX	1410	KLYD	Bakersfield, Calif.	1350	KOKA	Oklahoma City, Okla.	1340	KPRE	Paris, Tex.	1250
KJCK	Junction City, Kns.	1420	KLWQ	Hamilton, MT	1360	KODA	Houston, Tex.	1010	KPRK	Livingston, Mont.	1340
KJCY	John Day, Ore.	1400	KLXR	Clarkville AR	1350	KODE	Johnp., Tex.	1230	KPRL	Paso Robles, CA	1230
KJEF	Jennings, La.	1290	KLZ	Denver, CO	560	KODI	Cndy, Wyo.	1400	KPRM	Park Rapids, Minn.	1240
KJEL	Lebanon MO	1080	KMA	Shenandoah, Iowa	960	KODL	The Dalles, OR	1440	KPRP	Riverside, Calif.	1440
KJEM	Wagoner, OK	1530	KMAC	San Antonio, Tex.	630	KODY	North Platte, Nebr.	1240	KPRS	Kansas City, Mo.	1590
KJET	Beaumont, Tex.	1380	KMAH	Madill, Okla.	1550	KOFE	St. Maries ID	1480	KPSI	Palm Springs, Calif.	1450
KJIM	Ft. Worth, Tex.	870	KMAK	Fresno, Calif.	1340	KOFI	Kalispell, Mont.	1180	KPSO	Falfurrias, Tex.	1280
KJIN	Houma, La.	1490	KMAK	Buller, Mo.	1530	KOFO	Ottawa, Kans.	1220	KPTL	Carson City, Nev.	1300
KJJI	Phoenix AZ	910	KMAK	Manhattan, Kans.	1330	KOFS	Ottawa, Kans.	1220	KPUN	Hilo, HI	670
KJJK	North Platte, Nebr.	830	KMAQ	Maquokette, Iowa	1320	KOFS	San Mateo, Calif.	1050	KPUB	Pueblo, Colo.	1460
KJKB	Juneau AK	970	KMAR	Warrensburg, Iowa	1570	KOGA	Gaffala, Nebr.	930	KPUG	Bellvue, Wash.	1170
KJNP	North Pole AK	1170	KMAS	Shelton, Wash.	1280	KOGT	Orange, Calif.	600	KPUL	Pullman, Wash.	1150
KJOE	Shreveport, La.	1480	KMAV	Mayville, N.D.	1520	KOHT	Orange, Tex.	1600	KPWB	Piedmont, Mo.	1140
KJOY	Stockton, Calif.	1280	KMBI	Spokane, WA	1330	KOH	Reno, Nev.	630	KPX	Liberty, Tex.	1050
KJPW	Waynesville, Mo.	1390	KMBL	Junction, Tex.	1450	KOHI	St. Helena, Ore.	1600	KQAD	Luverne, Minn.	800
KJRB	Seattle, Wash.	790	KMCL	Monterey, Calif.	1240	KOHO	Honolulu, Hawaii	1170	KQAM	San Antonio, TX	1150
KJRW	Newton, Kans.	950	KMCD	Fairfield, Iowa	980	KOHU	Hermiston, OR	610	KQIQ	Austin, WA	970
KJKS	Columbus, Nebr.	900	KMCE	McCall, Ida.	1240	KOJM	Havah, Mont.	1360	KQK	Oklahoma City, OK	800
KJST	Joshua Tree, Cal.	1420	KMCM	McMinnville, Ore.	1260	KOJO	Laramie WY	1480	KQD	Great Falls, MT	1450
KJWH	Camden AR	1480	KMCW	Augusta AR	1190	KOKA	Shreveport, La.	1580	KQEN	Roseburg, Ore.	1240
KKAA	Aberdeen, SD	1560	KMDO	Ft. Scott, Kans.	1300	KOKC	Guthrie, Okla.	1490	KQEO	Abuquerque, N.Mex.	920
KKAN	Phillipsburg, Kans.	1490	KMEB	Wedford, Ore.	1440	KOKE	Austin, Tex.	1370	KQIK	Lakeview, Ore.	1230
KKAP	Autos-Capitola, CA	1540	KMEN	San Bernardino, Cal.	1280	KOKG	Omaha, Neb.	1180	KQIL	Grand Junction, CO	1340
KKAR	Pomona, Calif.	1220	KMEI	2000, Calif.	1280	KOKH	Purhus, SD	1180	KQIN	Burien, WA	800
K											

U.S. AM STATIONS BY CALL LETTERS

Call	Location	kHz	Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
KQXI	Arvada CO	1550	KSIR	Estes Park, CO	1470	KTRH	Houston, Tex.	740	KVSO	Ardmore, Okla.	1240
KRAD	E. Grand Forks, Minn.	1590	KSIS	Seafair, Mo.	1050	KTRM	Beaumont, Tex.	990	KVVC	Vernon, Tex.	1490
KRAE	Cheyenne, Wyo.	1480	KSIV	Woodward, Okla.	1450	KTRN	Wichita Falls, Tex.	1290	KVVG	Pearshall, Tex.	1280
KRAI	Corpus, Colo.	550	KSIX	Corpus Christi, Tex.	1230	KTRT	Truckee, Cal.	1400	KVVM	Show Low AZ	1970
KRAK	Sacramento, Cal.	1140	KSJB	Jamestown, N. Dak.	600	KTRY	Bastrop, La.	730	KVVO	Cheyenne, Wyo.	1370
KRAL	Rawlins, Wyo.	1240	KSJK	Halleys, Ida.	1340	KTSA	San Antonio, Tex.	550	KVYL	Holdenville, Okla.	1370
KRAM	Las Vegas, Nev.	1360	KSJL	Dallas, Tex.	1000	KTSD	Paso, Tex.	1380	KWAC	Bakersfield, Calif.	1490
KRAN	Morton, Tex.	1280	KSL	Salt Lake City, Utah	1160	KTNN	Trenton, Mo.	1600	KWAK	Stuttgart AR	1240
KRBA	Lufkin, Tex.	1360	KSLM	Salem, Oreg.	1390	KTRR	Rolla, Mo.	1490	KWAD	Wadena, MN	920
KRBB	Sallisaw, Okla.	1560	KSLO	Opelousas, La.	1230	KTSS	Springfield, Mo.	1400	KWAL	Wallace, ID	620
KRBC	Abilene, Tex.	1470	KSLS	Monte Vista, Colo.	1240	KTTT	Columbus, Nebr.	1810	KWAM	Memphis, Tenn.	990
KRBI	St. Peter, Minn.	1310	KSLS	San Luis Obispo, Cal.	1400	KTTX	Brenham, TX	1280	KWAT	Waterstown, S. Dak.	950
KRBN	Red Lodge, Mont.	1450	KSWA	Santa Maria, Calif.	1240	KTUC	Tucson AZ	1470	KWAY	Waverly, Iowa	1470
KRBC	Council Bluffs, Ia.	1350	KSMK	Shakopee, Minn.	1350	KTUE	Tulia, Tex.	1280	KWBC	Wichita, Kans.	1410
KRBD	Prineville, Oreg.	690	KSMN	Mason City, Iowa	1010	KTUI	Sullivan, Mo.	1580	KWBC	Navasota, Tex.	1550
KRCQ	Indio, CA	1400	KSMO	Salem, Mo.	1340	KTWG	Agana, Guam	770	KWBE	Beatrice, Nebr.	1450
KRDD	Roswell, N. Mex.	1320	KSNM	Pocatello, Ida.	1290	KTWO	Casper, Wyo.	1030	KWBG	Boone, Iowa	1590
KRDD	Redding, Calif.	1280	KSNO	Aspen, Colo.	1260	KTXX	Jasper, Tex.	1350	KWBW	Hutchinson, Kans.	1450
KRDD	Colo. Springs, Colo.	1240	KSNY	Snyder, Tex.	1450	KTXD	Sherman, Tex.	1800	KWBY	Edna, Tex.	1130
KRDD	Gresham, Oreg.	1230	KSO	Des Moines, Iowa	1460	KTYD	Santa Barbara, CA	990	KWBZ	Englewood, CO	1500
KRDB	Tollson AZ	1190	KSOH	Lita, Mo.	1030	KTYM	Inglewood, Calif.	1480	KWBZ	Searay, AR	1280
KRDU	Dubuque, Calif.	1130	KSOH	Little Rock, AR	1050	KTYN	Minot, N.D.	1430	KWCL	Oak Grove, La.	1280
KRE	Berkeley CA	1400	KSOK	Arkansas City, Kans.	1280	KUAD	Windsor, CO	1170	KWCO	Chickasha, Okla.	1560
KRED	Eureka, CA	1480	KSON	Ontario, Cal.	1510	KUAI	Eleese, Kanai, Hawaii	720	KWEB	Rochester, Minn.	1270
KREH	Okadale, La.	900	KSON	San Diego, Calif.	1240	KUAM	Agana, GU	810	KWED	Seguin, Tex.	1580
KREI	Farmington, Mo.	800	KSOO	Sioux Falls, S. Dak.	1140	KUAT	Tucson AZ	1550	KWEI	Weiser, Idaho	1280
KREK	Sapulpa, Okla.	1550	KSOP	Salt Lake City, Utah	1370	KUBA	Yuba City, Calif.	1600	KWEL	Midland, TX	1290
KREL	Corona, Cal.	1370	KSPD	Raymondville, Tex.	750	KUBC	Montrose, Colo.	580	KWEL	Hobbs, N. Mex.	1480
KREM	Spokane, Wash.	970	KSPD	Boise Idaho	1260	KUDJ	Oceanide, Calif.	1320	KWEY	Weatherford, Okla.	1590
KREW	Sunnyside, Wash.	1230	KSPI	Stillwater, Okla.	780	KUDY	Spokane, Wash.	1280	KWFA	Merika, Tex.	1500
KREX	Gran Junction, Colo.	1100	KSPH	Diboll, Tex.	1260	KUEN	Wenatchee, Wash.	900	KWFT	Wichita Falls, Tex.	820
KRFO	Owatonna, Minn.	1390	KSPD	Spokane, Wash.	1230	KUFE	Agana, Guam	940	KWGH	Stockton, Calif.	1230
KRFS	Superior, Nebr.	1430	KSPR	Springdale AR	1500	KUGN	Eugene, Oreg.	590	KWGH	Big Lake, Tex.	1290
KRGI	Grand Island, Neb.	1430	KSPR	Sandpoint, Idaho	1400	KUGR	Green River, WY	1490	KWHK	Hutchinson, Kans.	1250
KRGV	Westlaco, Tex.	1550	KSRA	Salmom, Idaho	960	KUIH	Santa Maria, Cal.	1480	KWHO	Fort Smith, AR	1320
KRGO	Salt Lake City, UT	1550	KSRD	Hardy, AR	1360	KUIJ	Hillsboro, Oreg.	1380	KWHW	Salt Lake City, Utah	860
KRHD	Duncan, Okla.	1350	KSRC	Socorro, N. Mex.	1290	KUIP	Walla Walla, Wash.	1420	KWIK	Altus, Okla.	1450
KRIB	Mason City, Iowa	1490	KSRM	Soldotna AK	920	KUKA	San Antonio, Tex.	1230	KWIK	Pocatello, Idaho	1240
KRIG	Odesa, Tex.	1470	KSRM	Santa Rosa, Calif.	1350	KUKI	Ukiah, Calif.	1400	KWIL	Albany, Oreg.	790
KRIH	Rayville, La.	950	KSRV	Ontario, Oreg.	1380	KUKU	Willow Springs, Mo.	1330	KWIP	Merced, Calif.	1580
KRIO	McAllen, Tex.	910	KSSS	Colorado Springs, Colo.	740	KUL	Honolulu, Hawaii	690	KWIQ	Moses Lake, Wash.	1050
KRIZ	Phoenix AZ	1230	KSTT	Sulphur Springs, Tex.	1230	KULE	Ephrata, Wash.	780	KWJ	Douglas, AR	1260
KRKC	King City, Calif.	1490	KSTA	Coleman, Tex.	1000	KULF	Houston, Tex.	960	KWIX	Moberly, Mo.	1280
KRKE	Albuquerque, NM	610	KSTB	Breckenridge, Tex.	1430	KULP	El Campo, Tex.	1390	KWJZ	Santa Ana, Calif.	1480
KRKK	Rock Springs, WY	1360	KSTL	St. Louis, Mo.	890	KULY	Ulysses, Kan.	1420	KWJJ	Portland, Oreg.	1080
KRKM	North Pole, AK	600	KSTN	Stockton, Calif.	1420	KUMA	Pendleton, Oreg.	1290	KWK	St. Louis, MO	920
KRKO	Everett, Wash.	1380	KSTP	St. Paul, Minn.	1500	KUMU	Honolulu, Hawaii	1500	KWKA	Glovis, NM	680
KRKT	Albany, Oreg.	990	KSTR	Grand Junction, Colo.	620	KUNO	Corpus Christi, Tex.	1400	KWKG	Ahilene, Tex.	1340
KRKL	Lewiston, Ida.	1350	KSTT	Davenport, Iowa	1170	KUOA	Siloam Springs AR	1270	KWKW	Des Moines, Ia.	1330
KRKL	Clarkston, Wash.	1350	KSTV	Davenport, Iowa	1170	KUPD	Minneapolis, Minn.	770	KWKY	Des Moines, Iowa	1150
KRLD	Dallas, Tex.	1080	KSTV	Cedar City, Mo.	820	KUPI	Idaho Falls, ID	980	KWLA	Many, La	1400
KRLN	Canon City, Colo.	1400	KSUW	West Memphis AR	730	KUPK	Garden City, Kan.	1050	KWLC	Deorah, Iowa	1240
KRLW	Walnut Ridge AR	1320	KSUE	Susanville, Calif.	1240	KUPL	Portland, OR	1330	KWLM	Willmar, Minn.	1340
KRMC	Midwest City OK	1220	KSUM	Fairmont, Minn.	1370	KUPY	Puyallup, WA	1450	KWMB	Wabasha, MN	1190
KRMD	Shreveport, La.	1340	KSUN	Bisbee AZ	1230	KURA	Moab, Utah	1450	KWMC	Del Rio, Tex.	1490
KRME	Hondo, Tex.	960	KSUZ	Port Neches, TX	1150	KURL	Hilltop, Mont.	730	KWMD	Salt Lake City, UT	1540
KRMG	Tulsa, Okla.	740	KSVC	Richfield, Utah	980	KURV	Edinburg, Tex.	710	KWMT	FT. Dodge, Iowa	540
KRML	Carmel, Calif.	1410	KSVB	Ogden, Utah	780	KURY	Brookings, Oreg.	910	KWNA	Winnemucca, Nev.	1400
KRMO	Monett, Mo.	990	KSWP	Artesia, N. Mex.	980	KUSD	Vermillion, S. Dak.	690	KWNC	Quincy, WA	1370
KRMS	Oswego Beach, Mo.	1150	KSWA	Graham, Tex.	1330	KUSH	Cushing, Okla.	1600	KWNO	Winona, Minn.	1230
KRNR	Cheyenne, WY	1530	KSWB	Seaside, Oreg.	930	KUSN	St. Joseph, Mo.	1270	KWNS	Pratt, Kans.	1580
KRNR	Roseburg, Oreg.	1490	KSWM	Aurora, Mo.	940	KUTA	Blanding, Utah	790	KWNT	Davenport, Iowa	1260
KRNS	Burns, Oreg.	1230	KSWO	Lawton, Okla.	1388	KUTB	Yukima, Wash.	950	KWOU	Wortham, Minn.	730
KRNT	Ocemo, Iowa	1350	KSWW	Wickenburg AZ	1250	KUTA	Palmdale, Calif.	1470	KWOC	Poplar Bluff, Mo.	930
KRNY	Kearney, Nebr.	1460	KXX	Salt Lake City, Utah	890	KUUU	Seattle, Wash.	1590	KWOC	Clinton, Okla.	1320
KROB	Robertson, Tex.	1510	KSYC	Yreka, Calif.	1010	KUVR	Holdrege, Nebr.	1380	KWON	Barlottesville, Okla.	1400
KROC	Rochester, Minn.	1340	KSXL	Alexandria, La.	970	KUXZ	Golden Valley, Minn.	1570	KWOR	Worland, Wyo.	1340
KROD	El Paso, Tex.	600	KSYX	Santa Rosa, N. Mex.	1420	KUZN	W. Monroe, La.	1310	KWOS	Jefferson City, Mo.	1240
KROE	Sheridan, Wyo.	920	KTAC	Tacoma, Wash.	850	KUZZ	Bakersfield, CA	970	KWOW	Pomona, Calif.	1000
KROF	Abbeville, La.	980	KTAE	Taylor, Tex.	1260	KVAC	Forks, Wash.	1490	KWPF	Muscataine, Iowa	880
KROP	Brawley, Calif.	1300	KTAM	Bryan TX	1420	KVAN	Vancouver, Wash.	1480	KWPM	West Plains, Mo.	1450
KROS	Clinton, Iowa	1340	KTAN	Sierra Vista AZ	1470	KVAS	Astoria, Oreg.	1230	KWPR	Claremore, Okla.	1270
KROW	Dallas, Oreg.	1260	KTAR	Phoenix AZ	1420	KVBR	Brainerd, Minn.	1340	KWRB	Woodburn, Oreg.	940
KROX	Crookston, Minn.	1460	KTAT	Frederick, Okla.	1520	KVCK	Wolf Point, Mont.	1450	KWRD	Henderson, Tex.	1470
KROY	Sacramento, Calif.	1240	KTBB	Tyler, Tex.	600	KVCL	Winfield, La.	1270	KWRE	Warrenton, Mo.	730
KRPA	Moscow, Idaho	1400	KTCB	Malden, Mo.	1470	KVCY	Redding, Calif.	690	KWRP	Warren AR	1040
KRPT	Andaroko, Okla.	850	KTCY	Wayne, Neb.	1590	KVDB	Sioux Center, Ia.	1090	KWRG	New Roads, La.	1500
KRRR	Rudoso, NM	1360	KTCR	Minneapolis, Minn.	690	KVFC	San Luis Obispo, Calif.	920	KWRH	Coquille, Oreg.	630
KRSC	Othello, Wash.	1400	KTF	Fort Smith AR	1010	KVEE	Conway AR	1330	KWRT	Boonville, Mo.	1270
KRSI	St. Louis Park, Minn.	950	KTDL	Farmersville, La.	1470	KVEG	Las Vegas, Nev.	970	KWSD	Mt. Shasta, Calif.	820
KRSL	Russell, Kans.	980	KTDO	Toledo, Oreg.	1230	KVEL	Vernal, Utah	920	KWSS	Wewoka-Seminole, Okla.	1280
KRSM	Los Alamos, N. Mex.	1190	KTEE	Idaho Falls, Idaho	1260	KVEN	Ventura, Calif.	1470	KWSL	Sioux City, IA	1470
KRSP	Salt Lake City, Utah	1060	KTEL	Walla Walla, Wash.	1490	KVFA	Austin, Tex.	1300	KWSR	Wasco, Calif.	1050
KRSY	Roswell, N. Mex.	1230	KTEM	Temple, Tex.	1400	KVFC	Cortez, Colo.	740	KWSR	Rife, Colo.	810
KRTN	Raton, N. Mex.	1490	KTED	San Angelo, Tex.	1340	KVFD	FT. Dodge, Iowa	1400	KWSU	Pullman, Wash.	1250
KRTR	Thermopols, Wyo.	1490	KTER	Terrill, Tex.	1570	KVGB	Great Bend, Kans.	1590	KWTC	Barstow, Calif.	1230
KRUN	Ballinger, Tex.	1400	KTEP	Payette, Idaho	1450	KVGI	Seattle, Wash.	870	KWTO	Springfield, Mo.	580
KRUS	Ruston, LA	1490	KTFI	Twin Falls, Idaho	1270	KVIC	Victoria, Tex.	1340	KWTX	Waco, Tex.	1230
KRUX	Glenn AZ	1490	KTFB	Texarkana, Tex.	1400	KVIN	Vinita, OK	1470	KWUN	Concord, Cal.	1480
KRYN	Lexington, Nsh.	880	KTGO	Tioga, N. D.	1090	KVID	Cottonwood AZ	1600	KWVR	Enterprise, Oreg.	1340
KRYB	Medford, OR	1300	KTGR	Columbia, Mo.	1580	KVIP	Redding, Calif.	540	KWVW	Bismarek-Mandan, ND	1270
KRWB	Roseau, Minn.	1410	KTJB	Hobart OK	1420	KVKM	Monahans, Tex.	1330	KWVL	Waterloo, Iowa	1340
KRWC	Buffalo MN	1360	KTKA	Thibodaux, La.	630	KVLG	LaGrange, Tex.	1240	KWVW	Wenatchee, WA	1350
KRWT	Winters, TX	1060	KTIL	Tillamook, Oreg.	1590	KVLI	Las Vegas Valley, Okla.	1470	KWXY	Cathedral City CA	1340
KRXA	Seward AK	950	KTIM	San Rafael, Calif.	1310	KVLL	Woodville, Tex.	1220	KWYV	Farmington, N. Mex.	980
KRXK	Reynolds, Idaho	1350	KTIK	Porterville, Calif.	1450	KVLY	Fallon, Nev.	980	KWYN	Wynne AR	1400
KRXV	Fort Worth, TX	1540	KTIS	Minneapolis, Minn.	900	KVMA	Magnolia AR	630	KWYO	Sheridan, Wyo.	1410
KRYS	Corpus Christi, Tex.	1380	KTIJ	Hobart, Okla.	1420	KVMC	Colorado City, Tex.	1320	KWYR	Winner, S. Dak.	1400
KRYT	Colo Springs, Colo.	1530	KTKN	Ketchikan AK	930	KVNC	Winslow, Ariz.	1010	KWYS	W. Yellowstone, Mont.	520
KRZE	Farmington, N. M.	1280	KTKR	Taft, Calif.	1310	KVNI	Coeur d'Alene, Idaho	1240	KWYV	Salinas, Ca.	1570
KRZI	Waso TX	1880	KTKT	Tucson AZ	980	KVNU	Logan, Utah	810	KWYZ	Everett, Wash.	1230
KRZY	Albuquerque, N. M.	1450	KTKL	Denver, Colo.	1360	KVND	Bastrop, La.	1340	KXA	Seattle, Wash.	770
KRAC	Manhattan, Kans.	860	KTKM	Tulsa, Okla.	1390	KVNS	Casper, Wyo.	1230	KXAR	Hope AR	1490
KSAL	Salina, Kans.	1150	KTKN	Las Vegas, Nev.	1340	KVOC	Emporia, Kans.	1430	KXEL	Waterloo, Iowa	1540
KSAM	Huntsville, Tex.	1490	KTKO	Honolulu, Hawaii	1550	KVOD	Ogden, Utah	1490	KXEM	McFarland, Cal.	1590
KSBB	Liberal, Kans.	1270	KTKL	Mountain Home AR	1240	KVOP	Ogden, Utah	1490	KXEO	Mexico, Mo.	1340
KSCJ	Sioux City, Iowa	1360	KTLL	Rusk, Tex.	1580	KVOK	Kodiak AK	860	KXEN	Festus-St. Louis, Mo.	1010
KSCO	Santa Cruz, Calif.	1080	KTLW	Texas City, Tex.	920	KVOL	Lafayette, La.	1330	KXEW	Tucson AZ	1600
KSD	St. Louis, Mo.	550	KTMK	MeAlester, Okla.	1400	KVOM	Morrilton AR	800	KXEX	Fresno, Calif.	1850
KSDN	Aberdeen, S. Dak.	930	KTMF	New Prague, Minn.	1350	KVON	Napa, Calif.	1440	KXGL	Glendive, Mont.	1400
KSDO	San Diego, Calif.	1130	KTMW	Trumann AR	1530	KVOS	Tulsa, Okla.	940	KXIC	Iowa City, IA	600
KSDR	Waterton, S. Dak.	1480	KTMS	Santa Barbara, Calif.	1250	KVOT	Plainsville, Tex.	1400	KXIT	Galhart, Tex.	1260
KSEE	Santa Maria, Calif.	1480	KTNC	Falls City, Nebr.	1230	KVOR	Colo. Springs, Colo.	1300	KXJV	Phoenix AZ	1400
KSEI	Pocatello, Idaho	930	KTNM	Tucumcari, N. Mex.	1400	KVOU	Uvalde, Tex.	1400	KXKJ	Forrest City AR	950
KSEK	Pittsburg, Kans.	930	KTNQ	Los Angeles, CA	1020	KVOW	El Paso, Tex.	1480	KXKW	Lafayette, La.	1520
KSEL	Lubbock, Tex.	950	KTNT	Tacoma, Wash.	1400	K					

U.S. AM STATIONS BY CALL LETTERS

Call	Location	kHz	Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
KXRO	Aberdeen, Wash.	1320	WAKY	Louisville, Ky.	790	WBBS	Jacksonville, N.C.	1290	WBUD	Trenton, N.J.	1290
KXRX	San Jose, Calif.	1500	WALE	Fall River, Mass.	1400	WBTT	Lyons, Ga.	1340	WBUG	Ridgeland, S.C.	1430
KXVI	Sherman, Tex.	1600	WALG	Albany, Ga.	1390	WBBW	Youngstown, Ohio	1240	WBURK	Portage, MI	1560
KXVO	McKinney, TX	1600	WALB	Palestine, N.Y.	1570	WBBX	Portsmouth, N.H.	1380	WBUL	Birmingham AL	1220
KXXL	Brazelton, Mont.	1330	WALS	Middleton, N.Y.	1330	WBZ	Penn City, Pa.	1340	WBUT	Butte, W.Va.	1050
KXXO	Tulsa, OK	1300	WALM	Albion, Mich.	1260	WBCB	Bay Minette AL	1110	WBUX	Doyletown, Pa.	1570
KXXR	Spokane, WA	1440	WALO	Humacao, P.R.	1240	WBCB	Levittown, Pa.	1490	WBUX	Lexington, N.C.	1440
KXXX	Colby, Kans.	790	WALY	Herkimer, N.Y.	1420	WRGC	Columbus, GA	1440	WBUX	Fredonia, N.Y.	1570
KXYZ	Houston, Tex.	1520	WAMA	Seima AL	1340	WBCH	Hastings, Mich.	1220	WBVM	Utica, N.Y.	1580
KYA	San Francisco, Calif.	1260	WAMB	Donelson, Tenn.	1190	WBCT	Williamsburg, Va.	740	WBVP	Beaver Falls, Pa.	1230
KYAC	Seattle, WA	1250	WAMD	Berdeen, Md.	970	WBCK	Battle Creek, Mich.	930	WBYE	Celera AL	1570
KYCA	Prescott AZ	1490	WAME	Anderson, S.C.	1190	WBCM	Bay City, Mich.	1440	WBYS	Canton, Ill.	1560
KYCN	Westland, Wyo.	1340	WAMI	Opp AL	860	WBCT	Boston, Mass.	1030	WBZ	Boston, Mass.	1030
KYDN	Pine Bluff, AR	1590	WAML	Laurel, Miss.	1340	WBCT	Union, S.C.	1540	WBZA	Glens Falls, N.Y.	1410
KYES	Roseburg, Oreg.	950	WAMM	Flint, Mich.	1420	WBCT	Jeanette PA.	1830	WBZB	Selma, NC	1090
KYET	Payette, Idaho	1450	WAMO	Pittsburgh, Pa.	860	WBCT	Esanaba, MI	800	WBZC	Greenville, MS	1550
KYFR	Shenandoah, IA	920	WAMR	Venice, Fla.	1320	WBCT	Pittsfield, Mass.	1420	WBZY	New Castle, Pa.	1140
KYIC	Medford, Oreg.	1230	WAMS	Wilmington, Del.	1380	WBEE	Harvey, Ill.	1870	WCAB	Rutherfordton, N.C.	890
KYKR	Port Arthur, TX	1510	WAMW	Washington, Ind.	1580	WBEL	Elizabethton, Tenn.	1240	WCAT	Fort Myers, Fla.	1250
KYLT	Missoula, MT	1340	WAMY	Amory, Miss.	1480	WBEL	St. Beloit, Ill.	930	WCAT	Northfield, Minn.	770
KYME	Boise, Idaho	740	WANA	Annlston AL	1590	WBEN	Buffalo, N.Y.	930	WCAM	Camden, N.J.	1510
KYMN	Northfield, MN	1080	WANB	Waynesboro, Pa.	1580	WBEP	Monck Corner, S.C.	930	WCAP	Baltimore, Md.	600
KYNG	Cos Bay, Oreg.	1420	WANL	Lineville AL	1540	WBEP	Brookton, Mass.	1460	WCAP	Lowell, Mass.	980
KYNO	Fresno, Calif.	1300	WANM	Tallahassee, FL	1070	WBEP	Beaufort, S.C.	960	WCAR	Detroit, Mich.	1130
KYNT	Yankton, S.Dak.	1450	WANN	Annapolis, Md.	1190	WBEP	Beaver Dam, Wis.	1430	WCAS	Cambridge, Mass.	740
KYOK	Houston, Tex.	1590	WANO	Pineville, Ky.	1230	WBEX	Chillicothe, Ohio	1490	WCAT	Orange, Mass.	1250
KYOR	Blythe, Calif.	1450	WANS	Anderson, S.C.	990	WBFC	Stanton, KY	1470	WCAT	Philadelphia, Pa.	1210
KYOS	Merced, Calif.	1480	WANT	Richmond, Va.	990	WBFC	Bedford, Pa.	1310	WCAT	Newton, Pa.	680
KYRO	Potosi, Mo.	1280	WANV	Waynesboro, Va.	970	WBFC	Quitman, Miss.	1500	WCAY	Cayce, S.C.	820
KYOD	Grealey, Colo.	1240	WANW	Albany, Ky.	1390	WBGC	Chipsley, Fla.	1240	WCAY	Carthage, Ill.	990
KYSM	Mankato, Minn.	1230	WAOA	Opelika AL	1520	WBGD	Bowling Green, Ky.	1340	WCBA	Corning, N.Y.	1350
KYSN	Colorado Sprngs., Colo.	1460	WAOC	St. Augustine, Fla.	1420	WBGR	Paris KY	1440	WCBC	Cumberland, MD	1270
KYSS	Missoula, Mont.	930	WAOK	Atlanta, Ga.	1380	WBGY	Tullahoma, TN	740	WCBC	Chamberburg, Pa.	1550
KYTE	Portland, OR	970	WAOP	Osteon, Mich.	930	WBHB	Fitzgerald, Ga.	1240	WCBC	Columbia, Miss.	930
KYUQ	Bethel AK	860	WAOV	Vincennes, Ind.	1450	WBHC	Birmingham, S.C.	1450	WCBK	Martinsville, Ind.	1540
KYVA	Gallop, N.Mex.	1230	WAPA	San Juan, P.R.	680	WBHM	Hampden, Ga.	1850	WCBL	Benton, Ky.	1290
KYWD	Philmont, Pa.	1960	WAPE	Jacksonville, Fla.	690	WBHM	Birmingham, Ala.	1450	WCBL	Baltimore, Md.	880
KYXI	Oregon City, Oreg.	1520	WAPF	McComb, Miss.	980	WBHN	Bryson City, N.C.	1590	WCBO	Oxford NC	1340
KYXX	Odessa, TX	920	WAPG	Arcadia, FL	1480	WBHP	Huntsville AL	1230	WCBR	Richmond, Ky.	1110
KZAK	Tyler, Tex.	1330	WAPI	Birmingham AL	1070	WBHT	Brownsville, Tenn.	1320	WCBS	New York, N.Y.	1230
KZAM	Bellevue, WA	1540	WAPL	Appleton, Wis.	1590	WBJA	Augusta, Ga.	1230	WCBT	York Springs, N.C.	1230
KZEE	Weatherford TX	1220	WAPR	Avon Park, Fla.	1390	WBJB	Centerville AL	1110	WCBE	Eden, N.C.	1190
KZFY	Tyler, TX	690	WAQI	Ashtabula, Ohio	1600	WBJE	New Bern, NC	1380	WCBE	Cheboygan, Mich.	1240
KZIA	Albuquerque, N.M.	1580	WARA	Attleboro, Mass.	1320	WBJE	Marletta, Ga.	1080	WCCE	Hartford, Conn.	1290
KZJA	Amarillo, Tex.	1310	WARB	Covington, La.	730	WBIG	Greensboro, N.C.	1470	WCCE	Punta Gorda, Fla.	1580
KZIQ	Ridgester, CA	1360	WARD	Pittston, PA	1540	WBIL	Tuskegee AL	860	WCEN	Lawrence, Mass.	800
KZNG	Hot Springs AR	1490	WARE	Ware, Mass.	1250	WBIN	Benton, TN	1540	WCEN	Nellisville, Wis.	1370
KZOE	Princeton, Ill.	1340	WARF	Jasper AL	1480	WBIP	Booneville, Miss.	1400	WCEN	Minneapolis-St. Paul, Minn.	850
KZOL	Farwell, Tex.	1570	WARI	Abbeville AL	1480	WBIR	Knoxville, Tenn.	1440	WCCP	Clemson, S.C.	1560
KZON	Santa Maria, Cal.	1600	WARK	Hagerstown, Md.	1490	WBIS	Bristol, Conn.	1470	WCCR	Urbana, Ill.	1580
KZUD	Honolulu, Hawaii	1460	WARM	Seranton, PA	590	WBIV	Adel, Ga.	1470	WCCW	Traverse City, Mich.	1310
KZOT	Marianna AR	1480	WARO	Canonsburg, Pa.	540	WBIX	Bedford, Ind.	1340	WCCZ	New Smyrna Beach, FL	1510
KZRR	Ozark, AR	1540	WARP	Peru, Ind.	1600	WBIZ	Eau Claire, Wis.	1010	WCDD	Edenton, N.C.	1280
KZUL	Parker, AZ	1380	WARU	Warwick, R.I.	1590	WBIM	Lombon, S. D.	1400	WCDD	Hamden, Conn.	1220
KZUN	Opportunity, Wash.	630	WASA	Havre de Grace, Md.	1330	WBIN	Hardon, D.	1360	WCDS	Glasgow, Ky.	1440
KZYM	Cape Girardeau, Mo.	1220	WASC	Spartanburg, S.C.	1530	WBKN	Hattiesburg, Miss.	950	WCDD	Winchester, Tenn.	1340
KZZN	Littonfield, Tex.	1490	WASK	Lafayette, Ind.	1450	WBKN	Newton, Miss.	1410	WCED	Rocky Mount, N.C.	810
WAAA	Winston-Salem, N.C.	980	WASP	Brownsville, Pa.	1130	WBKV	West Bend, Wis.	1470	WCED	DoBois, Pa.	1420
WAAC	Terra Haute, Ind.	1300	WASR	Wolfboro, N.H.	1480	WBLA	Elizabethtown, N.C.	1440	WCHE	Hawkinsville, Ga.	1420
WAAN	Ann Arbor, Mich.	1600	WATA	Boone, N.C.	1450	WBLB	Pulaski, VA	1510	WCHE	Hawkinsville, Ga.	1420
WAAP	Waynesboro, Tenn.	1480	WATC	Gaylord, Mich.	900	WBLB	Lenoir City, Tenn.	1380	WCHE	Mid Pleasant, Mich.	1150
WAAS	Andalusia AL	1530	WATI	Indianapolis, Ind.	900	WBLE	Batesville, Miss.	1290	WCER	Charlotte, Mich.	1390
WAAX	Gadsden AL	570	WATK	Antigo, Wis.	900	WBLF	Bellefonte, Pa.	870	WCFL	Chicago, Ill.	1000
WAAY	Huntsville AL	1440	WATM	Atmore AL	1590	WBLG	Lexington, Ky.	1300	WCFR	Springfield, Vt.	1480
WABA	Acadilla, P.Rico	850	WATN	Watertown, N.Y.	1240	WBLJ	Dalton, Ga.	1230	WCGB	Pastilio, P.R.	1050
WABC	Mobile AL	1480	WATO	Oak Ridge, Tenn.	1420	WBLR	Evergreen AL	1470	WCGB	Belmont, N.C.	1270
WABB	New York, N.Y.	770	WATP	Marion, S.C.	1430	WBLR	Batesburg, S.C.	1380	WCGL	Jacksonville, FL	1360
WABD	Ft. Campbell, Ky.	1370	WATR	Waterbury, Conn.	1320	WBLU	Bedford, Va.	1380	WCGL	Chicago Hghts, Ill.	1600
WABF	Fairhope AL	1220	WATS	Sayre, Pa.	960	WBLU	Salem, Va.	810	WCGL	Canandaigua, N.Y.	1550
WABG	Greenwood, Miss.	980	WATT	Cadillac, Mich.	1240	WBLW	Royston, Ga.	810	WCHE	Chamberburg, Pa.	800
WABH	Chureville, VA	1150	WATV	Birmingham AL	900	WBLM	Springfield, Ohio	1800	WCHE	Winchester, Pa.	1320
WABI	Bangor, Maine	910	WATW	Ashland, WI	1400	WBMA	Beaumont, N.C.	1400	WCHE	Chillicothe, Ohio	1350
WABJ	Adrian, Mich.	1210	WATZ	Alpena, Mich.	1400	WBMC	McMinnville, Tenn.	1060	WCHE	Brookhaven, Miss.	1470
WABK	Gardiner, Me.	1280	WAUB	Auburn, N.Y.	1590	WBMD	Baltimore, Md.	750	WCHK	Canton, N.Y.	1290
WABL	Amite, La.	1570	WAUC	Wauchula, Fla.	1310	WBME	Belfast, Me.	1230	WCHL	Chapel Hill, N.C.	1360
WABO	Waynesboro, Miss.	990	WAUD	Auhurn AL	1230	WBML	San Juan, P.R.	1190	WCHN	Norwich, N.Y.	970
WABQ	Cleveland, Ohio	1540	WAUG	Augusta, Ga.	1050	WBML	West Point, Ga.	1310	WCHU	Washington Court House, Ohio	1280
WABY	Albany, N.Y.	1490	WAUJ	Verona, N.J.	1350	WBMS	Black Mountain, N.C.	1320	WCHU	Carmy, P.R.	1360
WABA	Albemarle, N.C.	1010	WAV	Arlington, Va.	780	WBMS	Cornwall, N.H.	1050	WCHU	Charleston, W.Va.	1520
WABC	Camden, S.C.	1590	WAVC	Warner Robins, Ga.	1350	WBNS	Boonville, Ind.	1340	WCHU	Soddy Daisy, TN	1550
WACB	Kittanning, Pa.	1380	WAVE	Louisville, Ky.	970	WBNS	Bryson, Ohio	1520	WCHY	Charlottesville, Va.	1260
WACD	Alexander City, AL	1590	WAVL	Apollo, Pa.	910	WBNS	Beason, N.Y.	1260	WCID	Junco, PR	1460
WACE	Chicopee, Mass.	730	WAVO	Avondale, Ariz.	1420	WBNS	Columbus, Ohio	1460	WCIL	Carbondale, Ill.	1020
WACI	The Dalles, Oreg.	1420	WAVU	Albertville, Ala.	630	WBNS	Oueda, Tenn.	1310	WCIN	Cincinnati, Ohio	1480
WACK	Newk, N.Y.	770	WAVZ	New Haven, Conn.	1390	WBNU	Buena Vista, VA	1320	WCIR	Beckley, W. Va.	1070
WACL	Waycross, Ga.	570	WAWA	West Allis, Wis.	1500	WBNU	New York, N.Y.	1350	WCIS	Moss Point, MS	1460
WACD	Waco, Tex.	1460	WAWK	Kendallville, Ind.	1140	WBOD	Galax, Va.	1360	WCIT	Lima, Ohio	940
WACR	Columbus, Miss.	1020	WAXE	Vero Beach, Fla.	1350	WBOD	Salisbury, Md.	980	WCIT	Columbia, Miss.	1420
WACT	Tuscaloosa AL	1450	WAXG	Georgetown, Ky.	980	WBOD	New Orleans, La.	1290	WCJW	Warrenton, W.Va.	1140
WACX	Austell, Ga.	1600	WAXX	Chippewa Falls, Wis.	1150	WBOD	Volivar, Tenn.	1560	WCKB	Umn, N.C.	780
WADA	Shelby, N.C.	1050	WABY	Waynesboro, Va.	1490	WBOD	Barabow, Wis.	740	WCKC	Milton, FL	1490
WADK	Parkeville, WV	1050	WAYC	Bedford, PA	1600	WBOD	Pensacola, Fla.	1320	WCKI	Greer, S.C.	1300
WADE	Wadesboro, N.C.	1210	WAYD	Ozark AL	1190	WBOD	Terre Haute, Ind.	1230	WCKL	Catskill, N.Y.	860
WADK	Newport, R.I.	1540	WAYE	Baltimore, Md.	880	WBOD	Bogalusa, La.	920	WCKM	Winnboro, S.C.	1280
WADM	Decatur, Ind.	1540	WAYL	Lighthouse Acres, Fla.	1440	WBOD	San German, PR	1090	WCKM	Cincinnati, Ohio	1530
WADO	New York, N.Y.	1280	WAYR	Richfield, MN	960	WBOD	Lock Haven, Pa.	1230	WCLA	Claixton, Ga.	1470
WADR	Remsen, N. Y.	1480	WAYN	Rockingham, N.C.	900	WBOD	Barceloneta, PR	1180	WCLB	Gamilla, Ga.	1220
WADS	Ansonia, Conn.	590	WAYR	Orange Park, Fla.	850	WBOD	MI, Clemens, Mich.	1430	WCLC	Jamestown, Tenn.	1260
WAE	Allentown, Pa.	790	WAYS	Charlotte, N.C.	610	WBOD	Bradenton, Fla.	1420	WCLD	Cleveland, Miss.	1490
WAE	Mayaguez, P.Rico	600	WAYT	Wabash, Ind.	810	WBOD	Wilkes-Barre, Pa.	1340	WCLD	Cleveland, Tenn.	1570
WAEN	Hanesdale, PA	1590	WAYX	Waycross, Ga.	1230	WBOD	Lynchburg, Va.	1050	WCLD	Cleveland, Tenn.	1570
WAEW	Crossville, Tenn.	1330</									

U.S. AM STATIONS BY CALL LETTERS

Call	Location	kHz	Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
WCNX	Middletown, Conn.	1150	WDOS	Ooneonta, N.Y.	730	WESB	Bradford, Pa.	1490	WFWR	Ft. Wayne, Ind.	1090
WCDA	Pensacola, Fla.	1370	WDVV	Dover, Del.	1410	WESC	Greenville, S.C.	660	WFXY	Middlesboro, KY	1560
WCOC	Meridian, Miss.	910	WDOT	Burlington, Vt.	1400	WESL	E. St. Louis IL	1490	WFYC	Alma, Mich.	1280
WCGB	Greensboro, N.C.	1320	WDOW	Douglas, MI	1440	WESR	Southbridge, Mass.	970	WFGA	Georgetown, Va.	1370
WCGH	Newnan, Ga.	1400	WDQR	Durham, N.C.	1300	WEST	Easton, Pa.	1400	WGBA	Augusta, Ga.	580
WCOJ	Costesville, Pa.	1420	WDSC	Dillon, S.C.	800	WEST	Easton, Pa.	1400	WGAD	Gadsden, Ga.	1390
WCKK	Sparta, N.C.	1060	WDSG	Dyersburg, Tenn.	1450	WESX	Mass., Pa.	1230	WGAJ	Valdosta, Ga.	910
WCOL	Columbus, Ohio	1230	WDSK	Cleveland, Miss.	1410	WESY	Leland, Miss.	1580	WGAJ	Elizabeth City, N.C.	580
WCOR	Cornelia, Ga.	1450	WDSL	Mocksville, N. C.	1520	WETB	Johnson City, Tenn.	790	WGAL	Laneaster, Pa.	1490
WCOP	Boston, Mass.	1150	WDSM	Superior, Wis.	710	WETC	Wendell-Zebulon, N.C.	540	WGAN	Portland, Maine	860
WCOR	Lebanon, Tenn.	900	WDSR	Lake City, Fla.	1340	WETD	Deland, Fla.	1490	WGAP	Charleston, Tenn.	1400
WCOS	Columbia, S.C.	1400	WDSU	New Orleans, La.	1280	WETT	Ocean City, Md.	1590	WGAR	Cleveland, Ohio	1220
WCOW	Cowdenville, Maine	1240	WDTM	Selmer, Tenn.	1130	WETU	Wetumpka, AL	1250	WGAT	Gate City, Va.	1050
WCOW	Sparta, Wis.	1290	WDUU	Gainesville, Ga.	1240	WETA	New Martinsville, West Virginia	1320	WGAY	Atenas, Ga.	1340
WCXD	Campen AL	1540	WDUX	Waupaca, Wis.	800	WEUC	Ponce, P.R.	1430	WGAY	Silver Spring MD	1050
WCXY	Columbia, Pa.	1580	WDUZ	Green Bay, WI	1400	WEUP	Huntsville AL	1600	WGBB	Freeport, N.Y.	1240
WCYB	Clearfield, Pa.	900	WDVA	Danville, Va.	1250	WEVA	Emporia, Va.	860	WGBF	Evanston, Ind.	1280
WCYC	Houston, Miss.	940	WDVH	Gainesville, Fla.	1340	WEVD	New York, N.Y.	1330	WGBG	Greensboro, N.C.	1400
WCYH	Etowah, Tenn.	1220	WDVL	Vineand, N.J.	1270	WEVE	Evelevh, Minn.	1340	WGBI	Seranton, Pa.	910
WCYP	Chesapeake, Va.	1600	WDWD	Dawson, Ga.	990	WEVR	River Falls, Wis.	1850	WGBR	Goldsboro, N. C.	1150
WCYP	Cumberland, Ky.	1260	WDWS	Champaign, Ill.	1400	WEW	St. Louis, Mo.	770	WGCB	Red Lion, Pa.	1440
WCYP	Cromo, P. R.	1450	WUXB	Cnattanooga, Tenn.	1480	WEWO	Laurinburg, N.C.	1080	WGCD	Chester, S.C.	1490
WCPS	Tarboro, N.C.	780	WDXE	Lawrenceburg, Tenn.	1370	WEXJ	Jacksonville, FL	1280	WGCH	Greenville, Conn.	1490
WCRA	Emmham, Ill.	1090	WDXJ	Jackson, Tenn.	1510	WEZJ	Royal Oak, Mich.	1340	WGCI	Greenville, Miss.	1490
WCRC	Chester, S.C.	1400	WDXN	Clarksville, Tenn.	840	WEXN	Jamessville, Va.	1820	WGEA	Greenwich, AL	1180
WCRI	Scottsboro, AL	1050	WDXR	Pudueah, Ky.	1580	WEXT	W. Hartford, Conn.	1530	WGEN	Green Bay, WI	1360
WCRI	Jacksonville, FL	1530	WDXS	Sumter, S.C.	1240	WEXY	Oakland Park, Fla.	1520	WGEW	Quincy, Ill.	1440
WCRI	Morrisstown, Tenn.	1150	WDXT	Buford, Ga.	1400	WEYD	Sanford, N.C.	1280	WGFA	Greenville, S.C.	1800
WCRI	Ooneonta AL	1570	WDEZ	Deatur, Ill.	1080	WEYV	Talladega, AL	1580	WGFT	Gettysburg, Pa.	1320
WCRO	Johnstown, Pa.	1230	WEAB	Greer, S.C.	800	WEZE	Boston, Mass.	1260	WGEZ	Beloit, Wis.	1490
WCRO	Greenwood, S.C.	1450	WEAB	Gainesville, S. C.	1800	WEZJ	Williamsburg, Ky.	1440	WGFH	Watsonville, Ill.	1280
WCRT	Birmingham AL	1260	WEAB	Altooa, Tenn.	1470	WEZQ	Winfield AL	1300	WGFV	Covington, Ga.	1430
WCRT	Washington, N.J.	1400	WEAL	Greensboro, N.C.	1510	WEZY	Cocoa Beach, FL	1350	WGFT	Youngstown, OH	1500
WCRT	Chilego, Ill.	1240	WEAM	Arlington, Va.	1390	WFAA	Dallas-Ft. Worth TX	570	WGGA	Gainesville, Ga.	580
WCSE	Ripley, Mass.	1260	WEAN	Providence, R.I.	790	WFAD	Middlebury, Vt.	1490	WGGB	Gainesville, Fla.	1230
WCSC	Charleston, S.C.	1390	WEAQ	Eau Claire, Wis.	790	WFAI	Farmville, N.C.	1250	WGGH	Marion, Ill.	1150
WCSP	Portland, Maine	870	WEAS	Savannah, Ga.	900	WFAH	Alliance, Ohio	1310	WGGO	Salamantica, N.Y.	1890
WCSP	Columbus, Ind.	1010	WEAT	W. Palm Beach, Fla.	850	WFAL	Fayetteville, N.C.	1230	WGHP	Newport News, Va.	1310
WCSP	Morris, Ill.	1850	WEAV	Warrenton, N.Y.	960	WFAN	Washington, DC	1340	WGHU	Clayton, Ga.	910
WCSP	Washington, N. C.	1400	WEAW	Evanston, Ill.	1330	WFAR	Farrall, Pa.	1470	WGHU	Go. Javen Mich.	1370
WCSP	Celina, Ohio	1350	WEBA	Baltimore, Md.	1360	WFAS	White Plains, N.Y.	1230	WGHK	Kingston, N.Y.	920
WCSP	Hillsdale, Mich.	1340	WEBC	Luuiton, Minn.	580	WFAU	Augusta, Me.	1340	WGIC	Xenia, O.	1500
WCSP	Amsterdam, N.Y.	1490	WEBC	Brewton AL	1240	WFAV	Atkinson, Wis.	940	WGIJ	Brunswick, Ga.	1440
WCST	Berkeley Springs, W. Va.	1010	WEBO	Uwego, N.Y.	1340	WFAW	Falls Church, Va.	1220	WGIK	Galesburg, Ill.	1400
WCST	Crossville, Tenn.	1490	WEBO	Harrisburg, Ill.	1080	WFB	San Sebastian, P.R.	1480	WGIK	Manchester, N.H.	810
WCST	Shell Lake, Wis.	940	WEBO	Buffalo, N.Y.	970	WFB	Greenville, S.C.	1330	WGIK	Charlottesville, N.C.	1600
WCST	New Brunswick, N.J.	1450	WEBS	Calhoun, Ga.	1110	WFB	Altoona, Pa.	1290	WGKA	Atlanta, Ga.	1190
WCST	Eaton, Ohio	1130	WELC	Eau Claire, Wis.	1050	WFB	Syracuse, N.Y.	1390	WGKR	Perry IL	1310
WCST	Potomac-Gabin John MD	1300	WECO	Wartburg, TN	940	WFB	Baltimore, MD	1300	WGL	Fort Wayne, Ind.	1280
WCST	Chestertown MD	1530	WEGF	Gartage, MS	1480	WFB	Spring Lake, N. C.	1450	WGL	Port Wayne, Wis.	1580
WCST	Knox, Ky.	980	WEGC	Chilego, Ill.	1240	WFDM	Winston-Salem, N. C.	1550	WGLC	Mendota, Ill.	1090
WCST	New Castle, Ind.	1580	WEGC	Socorro, Tenn.	1240	WFDF	Flint, Mich.	910	WGLD	High Point, NC	1280
WCST	Manitowoc, Wis.	980	WEDD	McKeesport, Pa.	810	WFD	Manchester, Ga.	1370	WGLR	Manchester, W. Va.	1280
WCST	Cuyahoga Falls, Ohio	1150	WEED	Southern Pines, N.C.	990	WFEA	Manchester, N.H.	1370	WGLI	Babylon, N.Y.	1290
WCST	Cuthbert, Ga.	850	WEED	Hocky mount, N.C.	1390	WFEB	Sylacauga AL	1340	WGLJ	Gallion, OH	1870
WCST	Grand Rapids MI	1230	WEEO	Waynesboro, Pa.	1130	WFEC	Harrisburg, Pa.	1400	WGLM	Hollywood, Fla.	1320
WCST	Gulper, Va.	1480	WEEO	Waynesboro, Pa.	1130	WFEH	Marathon, Fla.	1300	WGMF	Watkins Glen, N.Y.	1000
WCST	Tallahassee, FL	1330	WEEO	Boston, Mass.	590	WFEL	Fitchburg, Mass.	960	WGML	Hinesville, Ga.	990
WCST	Connellsville, Pa.	1340	WEEL	Fairfax, Va.	1310	WFEL	Gaffney, S.C.	1570	WGMT	Bethesda, Md	900
WCST	Crawfordsville, Ind.	1550	WEEM	La Fayette, Tenn.	1460	WFEH	Black Mountains, N.C.	1010	WGMH	Chilego, Ill.	720
WCST	Murphy, N.C.	800	WEEM	Pittsburgh, Pa.	1080	WFHM	Bristol, Va.	980	WGN	Indian Rocks Beach, FL	1520
WCST	Randolph, Vt.	1320	WEER	Warrenton, Va.	1250	WFHK	Pell City AL	1430	WGN	Gastonia, N.C.	1450
WCST	Springfield, Ill.	1450	WEET	Richmond, VA	1320	WFHR	Wis. Rapids, Wis.	1320	WGN	Panama City Beach, Fla.	1480
WCST	Toledo, O.	1230	WEEU	Reading, Pa.	850	WFIA	Louisville, Ky.	900	WGN	Pawtucket RI	580
WCST	Ripon, Wis.	1600	WEEW	Washington, N.C.	1320	WFIC	Gollinsville, Va.	1830	WGN	Wilmington, N.C.	1450
WCST	Cynthiana, Ky.	1400	WEEX	Easton, Pa.	1350	WFIF	Milford, Conn.	1800	WGN	Murfreesboro, Tenn.	1450
WCST	Indiana, Pa.	1450	WEFF	Freeport, P. R.	1350	WFIL	Sumter, S.C.	1290	WGN	Huntington, W.Va.	930
WCST	Tampa, Fla.	1250	WEGG	Rose Hill, N.C.	710	WFIL	Philadelphia, Pa.	560	WGN	New Britain City, Ill.	920
WCST	Kansas City, Mo.	810	WEGO	Concord, N.C.	1410	WFIR	Findlay, Ohio	1330	WGN	Newburgh, N.Y.	1220
WCST	Clumbia, Ga.	840	WEGP	Presque Isle, Maine	1390	WFIS	Roanoke, Va.	960	WGN	Kingsport, Tenn.	1520
WCST	Danville, Ill.	1490	WEHH	Elmira Heights-Horseheads, N.Y.	1590	WFIS	Fountain Inn, S.C.	1400	WGN	Richmond, Va.	1590
WCST	Darlington, S.C.	1350	WEIC	Charleston, Ill.	1270	WFIV	Kissimmee, Fla.	1380	WGO	Walhalla, S.C.	1000
WCST	Philadelphia, Pa.	1480	WEIC	Mounsville, W. Va.	1370	WFIV	Fairfield, Ill.	1390	WGOH	Grayson, Ky.	1370
WCST	Ormond Beach, Fla.	1380	WEIM	Fitchburg, Mass.	1280	WFIX	Huntsville AL	1450	WGOK	Mobile AL	900
WCST	McRee, Ga.	1410	WEIN	Weirton, W. Va.	1430	WFJT	Inez, KY	1590	WGO	Marion, Ind.	860
WCST	Fargo, N. Dak.	970	WEIS	Centre AL	990	WFKN	Franklin, Ky.	1220	WGO	Muskegon MI	1400
WCST	Evenabe, Mich.	680	WEJL	Scranton, Pa.	830	WFKY	Tampa, Fla.	1490	WGO	Toledo, OH	970
WCST	Jackson, Fla.	1230	WEKG	Jackson, Ky.	920	WFLA	Fayetteville, N.C.	1430	WGO	Valdosta, Ga.	980
WCST	Springfield, Tenn.	890	WEKO	Cabo Rolo, P.R.	1340	WFLB	Fort Payne, N.C.	730	WGO	Chattanooga, TN	1150
WCST	Statesville, N.C.	550	WEKR	Fayetteville, Tenn.	1200	WFLI	Lookout Mountain-Chatanooga TN	1070	WGPA	Bethlehem, Pa.	1100
WCST	Urlando, Fla.	580	WEKY	Richmond, Ky.	1340	WFLN	Philadelphia, Pa.	900	WGPC	Albany, Ga.	1450
WCST	Uduque, Iowa	1490	WEKZ	Monroe, Wis.	1280	WFLD	Farmville, Va.	870	WGR	Buffalo, N.Y.	550
WCST	Uade City, Fla.	1350	WELE	Elba AL	1350	WFLR	Dundee, N.Y.	1870	WGRA	Calro, Ga.	980
WCST	Dunedin FL	1470	WELE	Welch, W. Va.	1150	WFLE	Fischer, W. Va.	980	WGRD	Grand Rapids, Mich.	1410
WCST	Homer, N.H.	1340	WELE	S. Daytona, Fla.	1890	WFLM	Madisonville, Ky.	1360	WGRJ	Griffin, Ga.	1410
WCST	Laneaster, PA	1490	WELI	New Haven, Conn.	960	WFLW	Monticello, Ky.	1360	WGRK	Greensboro, KY	1550
WCST	Macon, GA	900	WELK	Charlottesville, Va.	1010	WFLX	Goldsboro, N.C.	730	WGRM	Greenswood, Miss.	1240
WCST	Greenville, Miss.	900	WELM	Elmira, N.Y.	1410	WFLM	Fredrick, Md.	930	WGR	Lake City, Fla.	960
WCST	Gloucester, Va.	1420	WELN	Tupelo, Miss.	580	WFLM	Cullman, AL	1460	WGR	Greenville, Pa.	940
WCST	Eliswhon, Me.	1370	WELP	Easley, S.C.	1360	WFLM	Youngstown, Ohio	1390	WGR	Greenville, Tenn.	1390
WCST	Jamesstown, Tenn.	1480	WELR	Roanoke, N.C.	1010	WFLM	Fairmont, N.C.	860	WGR	Greenville, N.Y.	1390
WCST	Amelia, Va.	1290	WELS	Kinston, N.C.	1010	WFLM	Madisonville, KY	1360	WGS	Ephrata, Pa.	1310
WCST	Detroit, Mich.	1800	WELV	Ellenville, N.Y.	1370	WFLM	Chicago, IL	1450	WGS	Geneva, Ill.	1480
WCST	Chattanooga, Tenn.	1370	WELW	Willoughby, O.	1330	WFLM	Fayetteville, N.C.	940	WGS	Huntington, NY	740
WCST	Sweetwater, Tenn.	800	WELX	Xenia, O.	1110	WFLM	North Augusta, SC	1600	WGS	New Orleans LA	1280
WCST	Wilmington, Del.	1150	WELY	Ely, MN	1450	WFOB	Fostoria, Ohio	1430	WGS	Millen, Ga.	1570
WCST	Macon, Ga.	1500	WELZ	Getzton, Miss.	1420	WFOB	Hattiesburg, Miss.	1430	WGS	Atlanta, Ga.	820
WCST	Waterbury Vt.	550	WEMD	Erwin, Tenn.	1460	WFOG	Suffolk, VA	1450	WGS	Guntersville AL	1270
WCST	Westfield, Mass.	1870	WEMJ	Easton, Md.	1460	WFUP	St. Augustine, Fla.	1240	WGTA	Bummersville, Ga.	950
WCST	Douglasville, Ga.	1820	WEMP	Laconia, N.H.	1490	WFPA	Fort Payne AL	1400	WGTL	Kannapolis NC	870
WCST	Minneapolis, Minn.	1130	WENP	Millwaukee, Wis.	1250	WFPG	Atlantic City, N				

U.S. AM STATIONS BY CALL LETTERS

Call	Location	kHz	Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
WHB	Kansas City, Mo.	710	WICH	Norwich, Conn.	1310	WJCD	Seymour, Ind.	1390	WKDL	Clarkdale, Miss.	1600
WHBB	Selma AL	1490	WICK	Scranton, Pa.	1320	WJCM	Sebring, Fla.	980	WKDD	Liberty, Ky.	1580
WHBC	Canton, Ohio	1450	WICO	Salisbury, Md.	1300	WJCO	Jackson, Miss.	960	WKDW	Plattsburgh, N.Y.	1070
WHBF	Rockland, N. H.	1270	WIDA	Malone, N. Y.	1360	WJCS	Johnson City, Tenn.	910	WKDW	Staunton, Va.	900
WHBG	Harrisburg, Va.	1360	WIDE	Biddeford, Maine	1400	WJDA	Quincy, Mass.	1300	WKDX	Hamlet, N. C.	1250
WHBL	Sheboygan, Wis.	1350	WIDD	Elizabethton, Tenn.	1520	WJDB	Thomasville AL	630	WKDY	Sparksburg, SC	1400
WHBN	Harrodsburg, Ky.	1420	WIDG	St. Ignace, Mich.	940	WJDM	Elizabeth, N.J.	1530	WKDZ	Cadiz, Ky.	1110
WHBO	Tampa, Fla.	1050	WIDU	Fayetteville, N.C.	1600	WJDO	Meridian, MS	1330	WKEE	Huntington, W. Va.	800
WHBQ	Memphis, Tenn.	580	WIFE	Indianapolis, IN	1310	WJDX	Jackson, Miss.	820	WKEG	Washington, Pa.	1110
WHBT	Harrison, Tenn.	1600	WIEL	Elizabethton, Ky.	1400	WJDY	Salisbury, Md.	1470	WKEL	Kewanna, Ill.	1450
WHBU	Anderson, Ind.	1240	WIFM	Auburn, Ind.	1450	WJEW	Glaciers, N.Y.	1370	WKEH	Immokee, FL	1490
WHBY	Appleton, Wis.	1230	WIFN	Elkin, N.C.	1540	WJEH	Gallipolis, Ohio	900	WKEN	Dover, DE	1600
WHCC	Waynesville, N.C.	1400	WIGG	Wiggins, Miss.	1420	WJEF	Hagerstown, Md.	1240	WKEP	Pompton Lakes, N.J.	1500
WHCO	Sparta, Ill.	1230	WIGM	Medford, Wis.	1490	WJEM	Valdosta, Ga.	1150	WKEU	Griffin, Ga.	1450
WHCU	Ithaca, N.Y.	870	WIGO	Atlanta, Ga.	1340	WJER	Dover-New Philadelphia, O.	1450	WKEX	Blacksburg, Va.	1430
WHDF	Houghton, Mich.	1400	WIGS	Gouverneur, N.Y.	1230	WJES	Johnston, S.C.	1570	WKEY	Covington, Va.	1340
WHDM	Boston, Mass.	850	WIID	Garden City, Mich.	1090	WJET	Erle Pa. N. J.	1560	WKFD	Wickford, R.I.	1370
WHDL	Olean, N. Y.	1450	WIIR	Atlanta, Ga.	1320	WJFC	Jefferson City, Tenn.	1480	WKFE	Washington, Pa.	1450
WHDM	McKenzie, Tenn.	1440	WIIB	Mon River, Mich.	1230	WJFL	Vicksburg, MS	1490	WKFI	Wilmington, OH	1090
WHBB	Portsmouth, N.H.	750	WIKC	Bogalusa, La.	1490	WJGA	Jackson, Ga.	1540	WKGN	Knoxville, Tenn.	1340
WHBB	Rochester, N. Y.	1460	WIKG	Newport, Vt.	1490	WJGB	Opelika AL	1400	WKGX	Lenoir, N.C.	1080
WHBB	Martinsville, Va.	1370	WIKI	Chester, Va.	1410	WJGD	Salem, N. J.	1510	WKHG	Holly Hill SC	1440
WHBB	Syracuse, N. Y.	820	WIKY	Evansville, Ind.	820	WJIL	Jacksonville, Ill.	1550	WKHM	Jackson, Mich.	970
WHBB	Stuart, Va.	1270	WILA	St. Louis, Mo.	1430	WJLN	Lansing, Mich.	1460	WKIC	Hazard, Ky.	1390
WHBB	Folsom, AL	1270	WILB	Danville, Va.	1350	WJLS	Longview, N.Y.	1480	WKIG	Glensville, Ga.	1350
WHBB	Waltham, MA	1330	WILC	Cambridge, Ohio	1270	WJMC	Commerce, Ga.	1270	WKIK	Leonardsville, Md.	1370
WHBB	Benton Harbor-St. Joseph, Mich.	1060	WILI	Willmantic, Conn.	1400	WJMD	Chicago, Ill.	1180	WKIN	Kingsport, Tenn.	1320
WHBB	Houghton L., Mich.	1290	WILK	Wilkes-Barre, Pa.	980	WJNJ	Christiansburg, Va.	1280	WKIP	Poughkeepsie, N.Y.	1450
WHBB	Warren, Ohio	1440	WILL	Urbana, Ill.	580	WJNL	Niagara Falls, N.Y.	1440	WKIS	Orlando, Fla.	740
WHHL	Pine Castle-Sky Lake, FL	1180	WILM	Wilmington, Del.	1450	WJNL	Lewisburg, Tenn.	1490	WKJZ	Key West, Fla.	1500
WHHM	Henderson, Tenn.	1580	WILO	Frankfort, Ind.	1570	WJNT	Joliet TN	1460	WKJB	Mayaguez, P.R.	710
WHHO	Hornell, N.Y.	1320	WILS	Lansing, Mich.	1460	WJNY	Wt. Htr, N. J.	1460	WKJC	Granville, N.C.	900
WHHT	Lucedale, Miss.	1440	WILY	Centra, Ill.	1210	WKMA	Hartsville, Tenn.	1090	WKJR	Muskegon Heights, Mich.	1520
WHHY	Hillsville, Va.	1400	WIMA	Lima, Ohio	1150	WKMB	Jamestown, Ky.	1060	WKKE	Asheville, N.C.	1380
WHHY	Montgomery AL	1440	WIMO	Winder, Ga.	1300	WKLB	Detroit, Mich.	1400	WKKK	Rockford, IL	1150
WHHC	Hardinburg, Ky.	1520	WIMS	Michigan City, Ind.	1420	WKLF	Smithville, Tenn.	1480	WKKQ	Hibbing, MN	1060
WHHC	Griffin, Ga.	1570	WINA	Charlottesville, Va.	1070	WJLJ	Lupe MS	1060	WKKB	Vaneseburg, Ky.	1080
WHII	Bay Springs, Miss.	1520	WINC	Winchester, Va.	1400	WJLV	Asbury Park, N.J.	1310	WKKC	DuLan, FL	1080
WHIM	Providence, R.I.	1110	WIND	Chicago, Ill.	580	WJLS	Buckley, w. Va.	580	WKLD	Ludlow, Mich.	1450
WHIN	Gallatin, Tenn.	1010	WINE	Brookfield, Conn.	940	WJMC	Oranng Va.	1340	WKLC	St. Albans, W. Va.	1300
WHIO	Dayton, Ohio	1290	WINF	Manchester, Conn.	1230	WJMD	Brookhaven, Miss.	1340	WKLF	Clinton AL	980
WHIP	Mooreville, N.C.	1350	WING	Dayton, Ohio	1410	WJMC	Rice Lake, Wis.	1240	WKLQ	Cloquet, Minn.	1230
WHIR	Damville, Ky.	1230	WINH	Georgetown, S. C.	1470	WJML	Potosky, Mich.	1110	WKLW	Wilmington, N.C.	980
WHIS	Bluefield, W. Va.	1450	WINI	Murphysboro, Ill.	1240	WJMO	Cleveland Hghts., Ohio	1490	WKLX	Couleville, Ky.	1080
WHIT	New Bern, N.C.	1450	WINK	Fort Myers, Fla.	1240	WJMS	Ironwood, Mich.	590	WKLY	Keyser, W. Va.	1350
WHIY	Moulton, Ala.	1530	WINN	Louisville, Ky.	1220	WJMT	Merrill W, Ind.	730	WKLY	Portsmouth, Va.	1390
WHIZ	Zanesville, Ohio	1240	WINP	Tampa, Fla.	1010	WJMW	Athens AL	1450	WKLY	Blacksburg, Va.	1440
WHJB	Greensburg, Pa.	820	WINR	Binghamton, N.Y.	880	WJNX	Florence, S.C.	970	WKMB	Hartwell, Ga.	980
WHJC	Matewan, W. Va.	1380	WINS	New York, N. Y.	1010	WJNS	Jacksonville, N.C.	1240	WKMB	Strirling, NJ	1070
WHKC	Cleveland, Ohio	1420	WINU	Highland, Ill.	1510	WJNJ	Atlanta Beach, Fla.	1600	WKMC	Roaring Spring, Pa.	1370
WHKP	Hendersonville, N.C.	1290	WINX	Canton, O.	1520	WJNL	Johnstown PA	1490	WKMF	Flint, Mich.	1470
WHKY	Hickory, N.C.	1290	WINY	Rockville, Md.	1600	WJNO	West Palm Beach FL	1230	WKMG	Newberry, S.C.	1520
WHLB	Virginia, Minn.	1400	WIPG	Putnam, Conn.	1350	WJNP	North Pole AK	1170	WKMI	Kalamazoo, Mich.	1360
WHLD	Niagara Falls, N.Y.	920	WIPM	Miami, Fla.	810	WJOB	Hammond, Ind.	1230	WKMT	Kings Mtn., N.C.	1220
WHLF	South Boston, Va.	1400	WIOD	New Boston, Ohio	1010	WJOC	Port St. Joe, Fla.	1080	WKND	Windsor, Conn.	1400
WHLI	Hempstead, N.Y.	1100	WIOE	Union, Mich.	1430	WJOL	Joliet, Ill.	1340	WKNB	Keene, N.H.	1290
WHLL	Wheeling, W. Va.	1600	WIOS	Carlsie, Pa.	1000	WJON	St. Cloud, Minn.	1240	WKNK	Tallapoosa, Ga.	1060
WHLM	Bloomburg, Pa.	550	WITL	Tawas, Mich.	1480	WJOT	South Haven, Mich.	940	WKNR	Battle Creek MI	1400
WHLM	Harris, Ky.	1410	WIOU	Kokomo, Ind.	1350	WJOT	Lake City, S.C.	1280	WKNT	Kent, Ohio	1320
WHLO	Akron, Ohio	840	WIP	Philadelphia, Pa.	610	WJOY	Burrington, Vt.	1230	WKNX	Saginaw, Mich.	1210
WHLP	Centerville, Tenn.	1570	WIPC	Lake Wales, Fla.	1260	WJWA	Washington, Pa.	1450	WKNY	Kingston, N.Y.	1490
WHLS	Port Huron, Mich.	1450	WIPR	San Juan, P.R.	940	WJWC	Chicago, IL	950	WKOA	Hopkinston, Ky.	1490
WHLT	Huntington, Ind.	1300	WIPS	Ticonderoga, N.Y.	1250	WJWD	Ishpeming, Mich.	1240	WKOG	Gordon, Ga.	1560
WHLW	Lakewood, N.J.	1170	WIQT	Horseheads, N. Y.	1000	WJPD	Herrin, Ill.	1340	WKOK	Sunbury, Pa.	1070
WHMA	Annisland, IL	1390	WIRA	St. Pierre, La.	1400	WJPF	Huntingdon, TN	1530	WKOL	Amsterdam, N.Y.	1570
WHMW	Howell, Mich.	1350	WIRE	Enterprise, AL	600	WJPI	Greenville, Miss.	1330	WKOP	Binghamton, N.Y.	1360
WHMP	Northampton, Mass.	1400	WIRC	Hickory, N.C.	630	WJPS	Evansville, Ind.	1330	WKOR	Starkville, Miss.	980
WHMT	Humboldt TN	1190	WIRD	Lake Placid, N.Y.	920	WJQA	Atlanta, Mich.	610	WKOT	Kingston, NY	1550
WHN	New York, N.Y.	1050	WIRE	Indianapolis, Ind.	1430	WJQB	Jackson, Miss.	1400	WKOV	Wellston, Ohio	1530
WHNC	Henderson, N.C.	890	WIRJ	Humboldt, Tenn.	740	WJRC	Detroit, Mich.	760	WKOX	Framingham, Mass.	1180
WHND	Monroe, MI	580	WIRK	W. Palm Beach, Fla.	1290	WJRD	Joliet, Ill.	1510	WKOZ	Kosciusko, Miss.	1340
WHNY	McComb, Miss.	1040	WIRL	Peoria, Ill.	1290	WJRE	Tuscaloosa AL	1180	WKPA	New Kensington, Pa.	1180
WHNU	Des Moines, Iowa	1040	WIRO	Ironton, Ohio	1230	WJRI	Lenoir, N.C.	1340	WKPG	Port Gibson, MS	1320
WHOA	San Juan, P.R.	870	WIRY	Irvine, Ky.	1550	WJRW	Troy, N.C.	1390	WKPM	Princeton, Minn.	1500
WHOC	Philadelphia, Miss.	1490	WIS	Columbia, S.C.	860	WJRO	Glen Burnie, MD	1590	WKPO	Prentiss, Miss.	1310
WHOD	Jackson, AL	1230	WISA	Isabella, P.R.	1390	WJSC	Crestview, Fla.	1050	WKPP	Pittsburgh, Pa.	1320
WHOK	Lancaster, Ohio	1320	WISE	Asheville, N.C.	1310	WJSM	Martinsburg, Pa.	1110	WKPR	Kalamazoo, Mich.	1420
WHOL	Allenton, Pa.	1090	WISK	Americus, Ga.	1390	WJSO	Jonesboro, Tenn.	1590	WKPT	Kingsport, Tenn.	1400
WHON	Centerville, Ind.	930	WISL	Shamokin, Pa.	1480	WJST	Jupiter, Fla.	1000	WKQT	Garyville, La.	1010
WHOO	Orlando, N.Y.	1350	WISM	Madison, Wis.	1480	WJTM	Weston, N.Y.	1240	WKRA	Spring Valley, N.Y.	1300
WHOP	Hopkinsville, Ky.	1230	WISN	Madison, Wis.	1130	WJTB	Bath, Me.	730	WKRB	Holly Springs, Miss.	1110
WHUS	Decatur AL	800	WISO	Ponce, P.R.	1280	WJTP	Newland, NC	1370	WKRC	Cincinnati, Ohio	950
WHOT	Campbell, Ohio	1330	WISP	Kinston, N.C.	1230	WJUN	Mexico, Pa.	1220	WKR	West Warwick RI	1450
WHOU	Houlton, Maine	1340	WISR	Butler, Pa.	680	WJVA	South Bend, Ind.	1580	WKRK	Murphy, N.C.	1320
WHUW	Clinton, IL	1210	WISS	Berlin, Wis.	1090	WJWC	Cleveland, Ohio	850	WKRK	Columbia, Tenn.	1340
WHY	Salisbury, P. R.	1570	WIST	Charlotte, N.C.	1240	WJWD	Lebanon, PA	940	WKRO	Cairo, Ill.	1490
WHP	Harrisburg, Pa.	580	WISV	Virouque, Wis.	1360	WJWL	Georgetown, Del.	940	WKRS	Waukegan, Ill.	1220
WHPB	Beiton, S.C.	1390	WITB	Baltimore, Md.	1230	WJWN	South Hill, Va.	1370	WKRT	Cortland, N.Y.	1240
WHPD	High Point, N.C.	1070	WITL	Lansing, Mich.	1010	WJXN	Jackson, Miss.	1450	WKRW	Cartersville, Ga.	920
WHPN	Hyde Park, NY	950	WITN	Washington, N.C.	930	WJYM	Bowling Green, OH	730	WKRZ	Oil City, Pa.	1340
WHFY	Clayton NC	1580	WITY	Danville, Ill.	980	WJZM	Clarksville, Tenn.	1400	WKSC	Kerashaw, S.C.	1300
WHRT	Hartsville AL	1280	WITZ	Jasper, Ind.	990	WKAI	Maomb, Ill.	1510	WKSI	Richard AL	1270
WHSC	Hartsville, S.C.	1450	WIVE	Ashland, Va.	1430	WKAJ	Saratoga Springs, NY	900	WKSK	W. Jefferson NC	860
WHSM	Hayward, Wis.	910	WIVK	Knottville, Tenn.	820	WKAL	Rome, N.Y.	1460	WKSN	Jamestown, N.Y.	1340
WHSY	Hattiesburg, Miss.	1230	WIVS	Crystal Lake, Ill.	870	WKAM	Goshen, Ind.	1460	WKSP	Kingstree, S. C.	1090
WHTC	Holland, Mich.	1450	WIVV	Vlaques, P.R.	1350	WKAN	Kankakee, Ill.	1320	WKSR	Pulaski, Tenn.	1490
WHTG	Eatonstown, N.J.	1410	WIXC	Fayetteville, Tenn.	1140	WKAO	Boynton Beach FL	1510	WKST	New Castle, Pa.	1280
WHTH	Heath, O.	1090	WIXE	Monroe, N.C.	1190	WKAP	Allentown, Pa.	1320	WKTE	King, N.C.	1090
WHUB	Cookeville, Tenn.	1400	WIXL	Lancaster, Ky.	1280	WKAQ	San Juan, P.R.	580	WKTG	Thomasville, Ga.	730
WHUC	Hudson, N.Y.	1230	WIXK	New Richmond, Wis.	1530	WKAR	East Lansing, Mich.	870	WKTI	Farmington, Maine	1380
WHUM	Reading, Pa.	1240	WIXN	Dixon, Ill	1240	WKAT	Miami Beach, Fla.	1560	WKTS	Sheboygan, Wis.	930
WHUN	Huntingdon, Pa.	1150	WIXO	Fort Lauderdale, Fla.	1520	WKU	Kushka, Wis.	1050	WKTU	WiscGroves, Wis.	580
WHUT	Anderson, Ind.	1470	WIXZ	McKeesport, Pa.	1360	WKAY	Glasgow, Ky.	1490	WKTV	Artington, Fla.	1220
WHVL	Hendersonville, N.C.	1600	WIYN	Rome, Ga.	1380	WKAX	Russellville AL	1500	WKUL	Cullman AL	1340
WJVN	Charlotte NC	1310	WIZE	Springfield, Ohio	1340	WKAZ	Charleston, W. Va.	950	WKUN	Monroe, Ga.	1580
WHYR	Hanover, Pa.	1280	WIZM	La Cross, WI	1410	WKBA	Vinton, Va.	1550	WKVA	Lewistown, Pa.	820
WHWB	Rutland, Vt.	1000	WIZO	Franklin, Tenn.	1380	WKBC	N. Wilkesboro, N.C.	1400	WKVE	Cave City, KY	1600
WHWN	Princeton, N.J.	1350	WIZR	Johnstown, N. Y.	930	WKBI	St. Marys, Pa.	1600	WKVM	San Juan, P.R.	810
WHYO	Columbus, Ga.	1270	WIZS	Stratton, Ill	1250	WKBJ	Milana, Tenn.	1220	WKVO	Havelock, N.C.	1330
WHYL	Carlisle, Pa.	980	WJAC	Johnstown, Pa.	850	WKBL	Covington, Tenn.	1250	WKVQ	Knoxville, TN	1490
WHYM	Pensacola, FL	510	WJAG	Norfolk, Nebr.	780	WKBN	Youngstown, Ohio	570	WKWT	Battleboro, Vt.	1490
WHYN	Springfield, Mass.	560	WJAK	Jackson, TN	1460	WKBO	Harrisburg, Pa.	1230	WKWV	Key West, Fla.	1800
WHYP	North East, Pa.	1530	WJAL	Conway, SC	1050	WKBU	Garner, N.C.	1090	WKWW	Wesling, W. Va.	1400
WHYT	Noblesville, Ind.	1110	WJAM	Marion AL	1310	WKBY	Manchester, N.H.	1250	WKXA	Brunswick, ME	900
WHYZ	Greenville, S. C.	1070	WJAR	Providence, R.I.	800	WKCB	Buffalo, N.Y.	1490	WKXL	Concord, N.H.	1450
WHZN											

U.S. AM STATIONS BY CALL LETTERS

Call	Location	kHz	Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
WKYY	Amherst, Va.	1420	WLVL	Lockport, N.Y.	1340	WMTD	Hinton, W. Va.	1380	WODY	Bassett, Va.	900
WKZA	Kane, Pa.	960	WLVN	Luverne, Ala.	1080	WMTE	Manistee, Mich.	1340	WDFE	Rockwood, Tenn.	580
WKZI	Casey, Ill.	800	WLW	Cincinnati, Ohio	700	WMTL	Leitchfield, Ky.	1580	WOGA	Sylvester, Ga.	1540
WKZO	Kalamazoo, Mich.	590	WLWL	Rockingham, N.C.	1500	WMTM	Moultrie, Ga.	1300	WOHI	E. Liverpool, Ohio	1490
WLAB	St. Pauls NC	1060	WLWO (V.O.A.)	Marathon, Fla.	1180	WMTN	Morristown, Tenn.	1300	WOHN	Herdon, Va.	1440
WLAC	Nashville, Tenn.	1510	WLYC	Williamsport, Pa.	1050	WMTS	Murfreesboro, Tenn.	810	WOHO	Toledo, Ohio	1470
WLAD	Danbury, Conn.	800	WLYF	Ft. Wayne, Ind.	1490	WMTU	Greenwood S.C.	1490	WONS	Shelby, N.C.	730
WLAF	LaFollette, Tenn.	1440	WMAP	Maple, Pa.	1360	WMTW	Highland, Mich.	1090	WOI	Ames, Iowa	640
WLAG	La Grange, Ga.	1250	WMAF	Madison, Fla.	1230	WMUU	Greenville, S.C.	1260	WOIC	Columbia, S.C.	1320
WLAM	Lewiston, Maine	1370	WMAG	Forest, MI	1450	WMOV	Martinsville, Va.	1450	WOICan	Ont., S.C.	1060
WLAN	Leicester, Pa.	1360	WMAJ	State College, Pa.	860	WMVB	Millville, N.J.	1440	WOKA	Douglas, Ga.	1310
WLAP	Lexington, Ky.	630	WMAK	Nashville, Tenn.	1300	WMVG	Milledgeville, Ga.	1450	WOKB	Winter Garden, Fla.	1600
WLAQ	Rome, Ga.	1410	WMAK	Washington, D.C.	1300	WMVI	Mechanicville, N.Y.	1170	WOKC	Okeechobee, Fla.	1570
WLAR	Athens, Tenn.	1450	WMAM	Marquette, Wis.	570	WMVO	Mt. Vernon, Ohio	1300	WOKJ	Jackson, Miss.	1550
WLAS	Jacksonville, N.C.	910	WMAN	Manfield, Ohio	1400	WMVD	Midway, Pa.	1080	WOKK	Meridian, MS	910
WLAT	Conway, S.C.	1530	WMAN	Monroe, N.C.	1060	WMVN	Myrtle Beach, S.C.	1450	WOKL	Eau Claire, Wis.	1050
WLAW	Laurens, Miss.	1430	WMAQ	Chicago, Ill.	870	WMYR	Ft. Myers, Fla.	1410	WOKO	Albany, N.Y.	1460
WLAY	Grand Rapids, Mich.	1340	WMAS	Springfield, Mass.	1450	WNAK	Bridgeport, Conn.	1450	WOKS	Columbia, Ga.	1340
WLAW	Lawrenceville, Ga.	1360	WMAX	Grand Rapids, Mich.	1480	WNAH	Norman, Okla.	640	WOKT	Newport News, VA	1270
WLAW	Muscle Shoals AL	1450	WMAZ	Macon, Ga.	940	WNAE	Warren, Pa.	1310	WOKW	Brookton, Mass.	1410
WLBA	Gainesville, GA	1130	WMAA	Aubridge, Pa.	1460	WNAE	Graden, Miss.	1400	WOKY	Millwaukee, Wis.	920
WLBB	Carrollton, Ga.	1100	WMBD	Columbia, Miss.	1360	WNAK	Nantcoke, Pa.	730	WOKZ	Alton, Ill.	1870
WLBC	Muncie, Ind.	1340	WMBH	Joplin, Mo.	1470	WNAK	Nantcoke, Pa.	730	WOL	Washington, D.C.	1430
WLBC	Laurens, Ga.	790	WMBH	Chicago, Ill.	1110	WNAK	Nantcoke, Pa.	730	WOLD	Marion, Va.	1280
WLBG	Laurens, S.C.	860	WMBL	Morehead City, N.C.	740	WNAK	Nantcoke, Pa.	730	WOLF	Syracuse, N.C.	1490
WLBI	Mattoon, Ill.	1170	WMBM	Miami Beach, Fla.	1490	WNAV	Annaolis, Md.	1430	WOLX	Florence, S.C.	1230
WLBI	Denham Springs, La.	1220	WMBN	Petoskey, Mich.	1340	WNBK	Yankton, S.Dak.	870	WOMI	Owensboro, Ky.	1470
WLBJ	Bowling Green, Ky.	1410	WMBN	Auburn, N.Y.	1340	WNBK	New York, N.Y.	870	WOMP	Bel Aire, Ohio	1290
WLBK	DeKaib, Ill.	1360	WMBR	Jacksonville, FL	600	WNBK	New York, N.Y.	870	WOMT	Manitowoc, Wis.	1240
WLBL	Auburndale, Wis.	930	WMBR	Uniontown, Pa.	890	WNBK	Winter Park, FL	1440	WONA	Albany, Miss.	680
WLBN	Lebanon, Ky.	1590	WMBT	Shenandoah, Pa.	1530	WNBK	Binghamton, N.Y.	1290	WONE	Pleasantville, N.J.	1400
WLBN	Lebanon, Ky.	1590	WMC	Memphis, Tenn.	780	WNBK	New Bedford, Mass.	1340	WOND	Dayton, O.	980
WLBP	Lobson, Ky.	1570	WMC	New York, N.Y.	570	WNBK	Park Falls, Wis.	1470	WONN	Lakeland, Fla.	1230
WLBQ	Lebanon, Va.	1270	WMC	New York, N.Y.	570	WNBK	Newburyport, Mass.	1470	WONS	Tallahassee, Fla.	1410
WLBZ	Centerville, Miss.	1580	WMC	Church Hill, Tenn.	1260	WNBK	Murray, Ky.	1340	WONW	Defiance, Ohio	1280
WLBZ	Bangor, Maine	820	WMC	Melansboro, Ill.	1080	WNBK	Murray, Ky.	1340	WOOD	Grand Rapids, Mich.	1300
WLCB	Buffalo-Hodgenville, Ky.	1430	WMC	Columbia, Tenn.	1260	WNBK	Murray, Ky.	1340	WOOD	Grand Rapids, Mich.	1300
WLCB	Suffolkville, Ky.	1230	WMC	Onelida, N.Y.	1600	WNBK	Wellsboro, Pa.	1490	WOOF	Dothan, AL	560
WLCM	Lancaster, S.C.	1360	WMC	Maclias, Me.	1400	WNBK	Newberry, N.C.	1450	WOOW	Greenville, N.C.	1310
WLCN	Laurensburg, N.C.	1300	WMC	Mountain City, Tenn.	1390	WNBK	Saranee Lake, N.Y.	1240	WOXZ	Whiteville, NC	1540
WLCO	Eustis, Fla.	1240	WMC	Harvard, Ill.	1600	WNBK	Saranee Lake, N.Y.	1240	WOPA	Oak Park, IL	1490
WLCS	Baton Rouge, La.	910	WMC	Hazlet, Pa.	1220	WNBK	Saranee Lake, N.Y.	1240	WOPK	Bristol, Tenn.	1490
WLCS	LaCrosse, Wis.	1490	WMC	Fajardo, P.R.	1460	WNBK	Saranee Lake, N.Y.	1240	WOPR	New York, N.Y.	710
WLCT	St. Petersburg, Fla.	1380	WMC	Chase City, Va.	960	WNBK	Saranee Lake, N.Y.	1240	WORA	Mayaguez, P.R.	760
WLCT	Jacksonville, Ill.	1180	WMC	Melbourne FL	920	WNBK	Saranee Lake, N.Y.	1240	WORC	Worcester, Mass.	1310
WLDC	Ladysmith, Wis.	1340	WMC	Tallahassee, Fla.	1330	WNBK	Saranee Lake, N.Y.	1240	WORD	Sparksburg, S.C.	1580
WLEA	Hornell, N.Y.	1480	WMC	Ashburn Ga.	1670	WNBK	Saranee Lake, N.Y.	1240	WORL	Orlando FL	1270
WLEC	Richmond, Va.	1480	WMC	Marion, Va.	1010	WNBK	Saranee Lake, N.Y.	1240	WORM	Savannah, Tenn.	1010
WLEC	Sandusky, Ohio	1450	WMC	Boston, Mass.	810	WNBK	Saranee Lake, N.Y.	1240	WORW	Hattlesburg, Miss.	1580
WLEJ	Elizabethtown, Pa.	1240	WMC	Monroeville AL	1360	WNBK	Saranee Lake, N.Y.	1240	WORX	Madison, Ind.	1270
WLES	Lawrenceville, Va.	580	WMC	Hibbing, Minn.	1240	WNBK	Saranee Lake, N.Y.	1240	WOSC	Fulton, N.Y.	1030
WLET	Toledo, Ga.	1420	WMC	Daytona Beach, Fla.	1450	WNBK	Saranee Lake, N.Y.	1240	WOSP	San Juan, P.R.	1300
WLEW	Bad Axe, Mich.	1340	WMC	High Point, N.C.	1230	WNBK	Saranee Lake, N.Y.	1240	WOTT	Waterbury, Ohio	820
WLEY	Cayey, P.R.	1060	WMC	Moultrie, Ga.	1330	WNBK	Saranee Lake, N.Y.	1240	WOUB	Watterson, Ohio	1340
WLFM	Little Falls, N.Y.	1230	WMC	Cleveland, OH	1330	WNBK	Saranee Lake, N.Y.	1240	WOVB	Omaha, Neb.	580
WLFM	Lafayette, Ga.	1590	WMC	Canton, Miss.	1370	WNBK	Saranee Lake, N.Y.	1240	WOWL	Florence AL	1240
WLFG	Logan, D.	1510	WMC	Bainbridge, Ga.	930	WNBK	Saranee Lake, N.Y.	1240	WOXD	Fort Worth, Tex.	1360
WLGH	Logan, D.	1510	WMC	Meadville, Pa.	1490	WNBK	Saranee Lake, N.Y.	1240	WOXG	Clewiston, Fla.	1590
WLIG	New York, N.Y.	1980	WMC	Montgomery AL	800	WNBK	Saranee Lake, N.Y.	1240	WOYL	Oil City, PA	1340
WLII	Shelbyville, Tenn.	1580	WMC	Arcelbio, P.R.	1070	WNBK	Saranee Lake, N.Y.	1240	WOZK	Ozark AL	900
WLII	Newport, Tenn.	1270	WMC	Sandusky, Mich.	1560	WNBK	Saranee Lake, N.Y.	1240	WOZN	Jacksonville, Fla.	970
WLIL	Leonor City, Tenn.	730	WMC	Atlantic City, N.J.	1340	WNBK	Saranee Lake, N.Y.	1240	WPAB	Ponce, P.R.	850
WLIP	Kenosha, Wis.	1050	WMC	Middlesboro, Ky.	860	WNBK	Saranee Lake, N.Y.	1240	WPAD	Paducah, Ky.	1450
WLIQ	Mobile AL	1630	WMC	Mt. Carmel, Pa.	920	WNBK	Saranee Lake, N.Y.	1240	WPAG	Ann Arbor, Mich.	1050
WLIS	Old Saybrook, Conn.	1430	WMC	Maplewood, MN	1010	WNBK	Saranee Lake, N.Y.	1240	WPAL	Charleston, S.C.	730
WLIT	Stouvenville OH	950	WMC	Iron Mountain, Mich.	1450	WNBK	Saranee Lake, N.Y.	1240	WPAN	Pottsville, Pa.	1450
WLIV	Livingston, Tenn.	920	WMC	Lake Geneva, Wis.	1240	WNBK	Saranee Lake, N.Y.	1240	WPAK	Mount Airy, N.C.	740
WLIX	Islip, N.Y.	540	WMC	Wates, N.Y.	1370	WNBK	Saranee Lake, N.Y.	1240	WPAS	Parkersburg, W.Va.	1450
WLIZ	Lake Worth, Fla.	1380	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPAT	Petersburg, N.J.	930
WLKE	Waugon, Wis.	1170	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPAX	Thomasset, Ga.	1240
WLKM	Three Rivers, Mich.	1450	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPAY	Portsmouth, Ohio	1400
WLKN	Lincoln, Me.	1450	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPAZ	Pottstown, Pa.	1370
WLKR	Norwalk, O.	1510	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPBR	Palm Beach FL	1490
WLKS	W. Liberty, Ky.	1450	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPCC	Clinton, S.C.	1410
WLKW	Providence, R.I.	990	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPCE	Portsmouth, Va.	1400
WLLE	Raleigh, N.C.	570	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPCK	Panama City, Fla.	1430
WLH	Lowell, Mass.	1400	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPCO	Mt. Vernon, Ind.	1590
WLH	Lynchburg, Va.	930	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPDC	Elizabethtown, Pa.	1600
WLIN	Oincy, Ill.	740	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPDF	Corydon, Ind.	1550
WLLS	Hartford, Conn.	1600	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPDM	Potsdam, N.Y.	1470
WLLY	Wilson, N.C.	1350	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPDS	Jacksonville, FL	1490
WLMD	Laurel, Md.	900	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPDR	Portage, Wis.	1350
WLMS	Leominster, Mass.	1000	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPDX	Clarksburg, W.Va.	750
WLNC	Laurensburg, N.C.	1300	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPED	Crozet, Va.	810
WLND	Jackson, Ohio	1260	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPES	Louisville, Ga.	1420
WLNA	Peekskill, N.Y.	1420	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPFL	Montrose, Pa.	1250
WLNC	Laurinburg, N.C.	1300	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPEN	Philadelphia, Pa.	950
WLNG	Sag Harbor, N.Y.	1600	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPEO	Peoria, Ill.	1020
WLNH	Laconia, N.H.	1350	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPET	Taunton, Mass.	1570
WLOA	Bradock, Pa.	1550	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPET	Greensboro, N.C.	950
WLOB	Portland, Maine	1310	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WFFA	Pensacola, Fla.	790
WLOC	Mundorville, Ky.	1150	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WFFB	Middletown, Ohio	910
WLOD	Pompano Beach, Fla.	980	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WFFC	Perry, Ga.	980
WLOE	Eden, NC	1490	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WFFD	Morningside, MD	1580
WLOF	Orlando, Fla.	950	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WFGK	Winston-Salem, NC	1550
WLOG	Logan, W.Va.	1230	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPGM	Danville, Pa.	1870
WLOL	La Porte, Ind.	1540	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPGP	Port Gibson, MS	1520
WLOK	Memphis, Tenn.	1340	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPGW	Portland, Ind.	1440
WLOL	Minneapolis, Minn.	1330	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPHB	Philipsburg, Pa.	1260
WLOM	Lincolnton, N.C.	1050	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPHC	Waverly, Tenn.	1060
WLOP	Jesup, Ga.	1370	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPHM	Port Huron, Mich.	1470
WLOS	Thomasville, Ga.	730	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPK	Sharon, Pa.	790
WLOT	Marionette, Wis.	1300	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPID	Piedmont AL	1260
WLOU	Louisville, Ky.	1350	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPIK	Alexandria, Va.	730
WLOW	Washington, Ga.	1370	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPIT	Pittsburgh, Pa.	730
WLOW	Aiken, S.C.	1300	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPKP	Pikeville, Ky.	1240
WLOX	Bloox, Miss.	1490	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPKQ	Waverly, Ohio	1020
WLPH	Irondale AL	1480	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPKY	Princeton, Ky.	1580
WLPO	LaSalle, Ill.	1220	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPLA	Plant City, Fla.	810
WLPS	Leighton, Pa.	1150	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPLB	Greenville, Mich.	1380
WLQ	Clinton, Pa.	1150	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240	WPLK	Rockmart, Ga.	1220
WLQH	Chilifield, Fla.	940	WMC	Natchez, Miss.	1240	WNBK	Saranee Lake, N.Y.	1240			

U.S. AM STATIONS BY CALL LETTERS

Call	Location	kHz	Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
WPOW	New York, N.Y.	1330	WRKL	New City, N. Y.	910	WSKY	Asheville, N.C.	1230	WTJH	East Point, Ga.	1260
WPPA	Pottsville, Pa.	1360	WRKM	Carthage, Tenn.	1550	WSLB	Opensburg, N.Y.	1400	WTJS	Jackson, Tenn.	1370
WPRC	Pennells, Pa.	1330	WRKW	Brandon, Miss.	860	WOLC	Glenmont FL	1340	WTJA	Harford, Wis.	1540
WPPC	Carrollton, Ga.	1330	WRKO	Boston, Mass.	860	WSLC	Roanoke VA	610	WTKO	Ithaca, N.Y.	1470
WPRR	Mayaguez, P.R.	990	WRKR	Racine, WI.	1460	WSLG	Gonzales, LA	1090	WTKY	Tompkinsville, Ky.	1370
WPRC	Lincoln, IL	1370	WRKT	Cocoa Beach, Fla.	1300	WSLJ	Jackson, Miss.	930	WTLB	Utica, N.Y.	1310
WPRE	Prarie Du Chen, Wis.	980	WRKV	Rockville, Conn.	800	WSMA	Marine City Mch.	1890	WTLK	Taylorville, N.C.	1570
WPRN	Butler AL	1240	WRLD	Lanett AL	1490	WSLM	Salem, Ind.	1220	WTLN	Apopka, Fla.	1820
WPHO	Providence, R.I.	910	WRMF	Titusville, FL	1060	WSLR	Akron, Ohio	1350	WTLN	Somerset, Ky.	1820
WPRP	Ponce, P.R.	930	WRMG	Red Bay AL	1430	WSLT	Ocean City-Somers	1110	WTLT	Tallastee AL	1300
WPRS	Paris, Ill.	1480	WRMN	Elgin, Ill.	1410	WSLV	Ardmore, Tenn.	1110	WTMA	Charleston, S.C.	1250
WPRT	Prestonsburg, Ky.	980	WRMS	Beardstown, Ill.	790	WSLW	White Sulphur	1310	WTMB	Tomah WI	1460
WPRY	Manassas, Va.	1460	WRMT	Rocky Mount, N.C.	1490	WSMV	Nashville, Tenn.	950	WTMC	Ocala, Fla.	1290
WPRY	Perry, FL	1400	WRNB	New Bern, N.C.	1490	WSM	Shreveport, La.	1350	WTME	Trenton, TN	1500
WPSC	Pageland, SC	1510	WRNC	Raleigh, N.C.	1240	WSMA	Marine City, Mch.	1890	WTMJ	Milwaukee, Wis.	820
WPSP	Monroeville, Pa.	1510	WRNG	N. Atlanta, Ga.	680	WSMD	La Plata, Md.	1560	WTMP	Tampa, Fla.	1150
WPTB	Statesboro, GA	850	WRNJ	Hackettstown, NJ	1000	WSME	New Orleans, La.	1350	WTMR	Camden, N.J.	800
WPTF	Raleigh, N.C.	880	WRNL	Richmond, Va.	910	WSMG	Greeneville, Tenn.	1450	WTMT	Louisville, Ky.	820
WPTG	Canton, C.	920	WRNR	Clars, N.Y.	560	WSMI	Litchfield, Ill.	1540	WTNC	Thomasville, N.C.	790
WPTN	Cookeville, Tenn.	1550	WRNY	Rome, N.Y.	1350	WSMN	Nashua, N.H.	1590	WTND	Orangeburg, S.C.	920
WPTN	Albany, N.Y.	1540	WROA	Gulfport-Biloxi, MS	1390	WSMT	Sparta, Tenn.	1050	WTNJ	Trenton NJ	1300
WPTX	Lexington Pk., Md.	920	WROB	West Point, MS	1450	WSMY	Weldon, N.C.	1400	WTNK	Melvidale MS	1390
WPUB	Camden, S.C.	1130	WROC	Rochester, N.Y.	1280	WSNE	Cummings, Ga.	1170	WTNL	Reidsville, Ga.	1390
WPUL	Barlow, Fla.	1130	WROD	Daytona Beach, Fla.	1340	WSNG	Trinidad, CT	810	WTNN	Millington, TN	1380
WPUO	Bayou Laouis MS	1190	WROM	Rockford, Ill.	1000	WSNJ	Bridgeton, N.J.	1240	WTNQ	Miami FL	710
WPUT	Brewster, N.Y.	1510	WROM	Rom, GA	710	WSNT	Sandersville, Ga.	1490	WTNS	Coshocton, Ohio	1560
WPUV	Pulaski, Va.	1580	WROK	Roanoke, Va.	1240	WSNW	Seneca, S. C.	1150	WTNT	Tallahassee, Fla.	1270
WPVA	Colonial Heights, Va.	1290	WROW	Albany, N.Y.	590	WSOC	Charlotte, N.C.	930	WTNW	Chapel Hill, N.C.	1530
WPVL	Palmyra, Ohio	1460	WROY	Carmel, Ind.	1460	WSOK	Savannah, Ga.	1230	WTOW	Winston-Salem, N.C.	1380
WPWC	Quantico, VA	1530	WRXZ	Carmel, Ind.	1460	WSOL	Tampa, Fla.	1300	WTQC	Savannah, Ga.	1290
WPXC	Prattville, AL	880	WRZE	Evansville, Ind.	1400	WSOM	Salem, Ohio	800	WTQD	Toledo, Ohio	1580
WPXK	Starks, Fla.	1490	WRPL	Charlotte, N.C.	1540	WSOO	Sit. Ste. Marie, Mich.	1230	WTQI	Spruce Pine, N.C.	1470
WPXY	Greenville, N. C.	1550	WRPM	Popolaryville, Miss.	1530	WSOQ	No. Syracuse, N.Y.	1220	WTQJ	Selma AL	1870
WPYB	Benson, N.C.	1130	WRR	Dallas, Tex.	1310	WSOY	Decatur, Ill.	1340	WTRA	Latrobe, Pa.	1480
WQAK	Decatur Ga.	1310	WRRR	Federickstad, Vi	1290	WSPA	Spartanburg, S.C.	950	WTRB	Ripley, Tenn.	1570
WQAM	Miami, Fla.	580	WRRS	Rainelle, WV	1130	WSPB	Sarasota, Fla.	1450	WTRE	Eikhart, Ind.	1340
WQBA	Miami, Fla.	1140	WRRR	Rockford, Ill.	1330	WSPD	Toledo, Ohio	1370	WTRC	Greensburg, Ind.	1830
WQBK	Venuesburg, Miss.	1420	WRRZ	Clinton, N.C.	880	WSPF	Hickory, N.C.	1000	WTRD	Brunswick, Md.	820
WQBK	Rensselaer, N.Y.	1300	WRSC	State College, Pa.	1390	WSPR	Springfield, Mass.	1270	WTRN	Bradenton, Fla.	1490
WQBS	San Juan, P.R.	730	WRSL	Stanford, Ky.	1520	WSPT	Stevens Pt., Wis.	1010	WTRN	Tyronne, PA	1340
WQBK	Blacksburg VA	610	WRSL	Warsaw IN	1480	WSRC	Durham, N.C.	1410	WTRP	Dyersburg, Tenn.	1330
WOCK	Warner Robins, GA	1600	WRSA	Altoona, Pa.	1246	WSRF	Fort Lauderdale, FL	1580	WTRP	LaGrange, Ga.	620
WODE	Albany GA	1280	WRTH	Wood River, Ill.	530	WSRW	Hillsboro, Ohio	1590	WTRR	Warsaw, N.C.	1560
WQDI	Homestead, FL	1430	WRTI	Rantoul, Ill.	1460	WSSA	College Park, Ga.	1570	WTRR	Sanford, Fla.	1400
WQDY	Calais, Maine	1500	WRUF	Gainesville, Fla.	850	WSSB	Durham, N.C.	1490	WTRT	Dunellon, Fla.	920
WQIC	Meridian, MS	1450	WRUM	Rumford, Maine	790	WSSC	Sumter, S.C.	1340	WTRW	Muskogean, Mich.	1600
WQII	San Juan, P.R.	1140	WRUN	Utica, N.Y.	1150	WSSD	Starkville, Miss.	1230	WTRX	Flint, Mich.	1330
WQIN	Lvans, PA	1290	WRUS	Russellville, Ky.	610	WSSY	St. Louis, Mo.	980	WTRY	Troy, N.Y.	980
WQIO	Canton, OH	1060	WRVA	Richmond, Va.	1140	WSSZ	St. Petersburg, Fla.	620	WTSA	Brattleboro, Vt.	1450
WQIU	Chester, PA	1590	WRVK	Mt. Vernon, Ky.	1460	WST	Taylorville, N.C.	860	WTSB	Lumberton, N.C.	1340
WQIZ	St. George, S.C.	810	WRWB	St. Petersburg Beach, Fla.	1590	WSTK	Woodstock, Va.	1230	WSSL	Hanover, NH	1400
WQKI	St. Matthews, SC	710	WRWD	Augusta, Ga.	1480	WSTL	Eminence, Ky.	1600	WTSN	Dover, N.H.	1270
WQMA	Markes, Miss.	1520	WRWH	Cleveland, Ga.	1380	WSTP	Sallsbury, N.C.	1490	WTSO	Madison, Wis.	1070
WQMK	Greenville, S.C.	1430	WRXO	Roxboro, N.C.	640	WSTR	Sturgis, Mich.	1230	WTSV	Claremont, N.H.	1230
WQPD	Lakeland FL	1430	WRXO	Roxboro, N.C.	640	WSTU	Stuart, Fla.	1300	WTTB	Vero Beach, Fla.	1490
WQQT	Savannah GA	1450	WRYM	New Britain, Conn.	840	WSTV	Stuabenville, Ohio	1340	WTTD	Towanda, Pa.	1550
WQQW	Waterbury CN	1590	WRYT	Boston, Mass.	950	WSTX	Christianstad, V.I.	970	WTTT	Tiffin, Ohio	1600
WQSA	Sarasota FL	1220	WRYZ	Jupiter, Fla.	1000	WSUB	Crofton, Md.	980	WTTT	Dalton, Ga.	1830
WQSN	Charleston, S.C.	1450	WSAC	Fort Knox, Ky.	1470	WSUH	Patchogue NY	1580	WTTM	Trenton, N.J.	920
WQTC	Two Rivers, Wis.	1590	WSAF	Sarasota, Fla.	1220	WSUI	Xford, Miss.	1420	WTTN	Waterloo, Wis.	1580
WQTK	Panorppany, NJ	1570	WSAI	Cincinnati, Ohio	1360	WSUJ	Iowa City, Iowa	910	WTTT	Westminster, Md.	1470
WQTW	Latrobe, Pa.	1130	WSAJ	Grove City, Pa.	1340	WSUZ	Palatka, Fla.	800	WTTT	Bloomington, Ind.	1370
WQUA	Moline, Ill.	1230	WSAL	Logansport, Ind.	1230	WSVA	Harrisonburg, Va.	550	WTTT	Amherst, Mass.	1430
WQWX	Mebane NC	1080	WSAM	Saginaw, MI	1400	WSVL	Shelbyville, Ind.	1520	WTUG	Appomattox VA	1280
WQXI	Atlanta, Ga.	790	WSAO	Allentown, Pa.	1470	WSVM	Valdese, N.C.	1490	WTUP	Tupelo, MS	1490
WQXL	Columbia, S.C.	1470	WSAP	Fall River, Mass.	1480	WSV	Drew, Va.	800	WTUU	Tupelo, OH	1520
WQXR	New York, N.Y.	1560	WSAT	Sallsbury, N.C.	1280	WSVJ	Greenwood, MS	1590	WTUX	Wilmington, Del.	1290
WQYK	Tampa, Fla.	1130	WSAU	Wausau, Wis.	850	WSVN	Belle Glade, Fla.	900	WTVB	Coliwater, Mich.	1590
WRAA	Luray, Va.	1310	WSAY	Rochester, N.Y.	1370	WSVV	Pennington Gap, Va.	1570	WTVL	Waterville, Maine	1490
WRAB	Arab AL	1380	WSBA	York, Pa.	910	WSVV	Platteville, Wis.	1890	WTVN	Columbus, Ohio	810
WRAD	Radford, Va.	1460	WSBB	New Smyrna Beach, Fla.	1230	WSYB	Rutland, Vt.	1360	WTVR	Richmond, Va.	1380
WRAG	Carrollton AL	590	WSBC	Chicago, Ill.	1240	WSYD	Mt. Airy, N.C.	1580	WTWA	Thomson, Ga.	1240
WRAJ	San Juan, P.R.	1520	WSBS	Boca Raton, Fla.	1240	WSYI	Yorkville, Ga.	1490	WTWB	Auburndale, Fla.	1570
WRAJ	Anna, Ill.	1440	WSBT	South Bend, Ind.	960	WSYR	Syracuse, N.Y.	870	WTWN	St. Johnsburg, Va.	1340
WRAK	Williamsport, PA	1330	WSBP	Chattahooches, Fla.	1580	WTAB	Tabor City, N.C.	1370	WTYC	Rock Hill, S.C.	1150
WRAK	Monmouth, Ill.	1330	WSBM	Panama City Beach, Fla.	1290	WTAC	Flint, Mich.	600	WTYL	Tyertown, Miss.	1290
WRAN	Dover, N.J.	1510	WSCP	Sandy Creek-Pulaski, NY	1070	WTAD	Quincy, Ill.	930	WTYM	East Longmead, Mass.	1600
WRAP	Norfolk, Va.	850	WSCR	Seranton, Pa.	1320	WTAE	Pittsburgh, Pa.	1250	WTYN	Tyronne, N.C.	1550
WRAR	Tappahannock, Va.	1000	WSCV	Peterborough, N.H.	1050	WTAF	Worcester, Mass.	1500	WTYS	Marianna, Fla.	1340
WRAW	Reading, Pa.	1340	WSCW	South Charleston, WV	1410	WTAG	Eau Gallie, Fla.	1580	WTZE	Tazewell, Va.	1470
WRAY	Princeton, Ind.	1250	WSDC	Hartsville SC	1490	WTAL	Tallahassee, Fla.	1450	WUAT	Pikeville TN	1110
WRBC	Jackson, Miss.	1300	WSDL	Silldell LA	1560	WTAN	Clearwater, Fla.	1340	WUBE	Cincinnati, O.	1230
WRBD	Pompano Beach, Fla.	1470	WSDR	Sterling, Ill.	1240	WTAQ	LaGrange, Fla.	1300	WUCR	Sparta, TN	860
WRBE	Lucedale MS	1440	WSDS	Ypsilanti, Mich.	1340	WTAR	Norfolk, Va.	790	WUFR	Baxley, Ga.	1260
WRBJ	St. Johns, Mich.	1580	WSEB	Sebring, Fla.	1340	WTAW	College Station, Tex.	1240	WUFF	Eastman, Ga.	710
WRBX	Chapel Hill NC	1530	WSEM	Pontotoc, Miss.	1440	WTAX	Springfield, Ill.	1150	WUFO	Amherst, N.Y.	1080
WRD	Washington, D.C.	980	WSEN	Donalsonville, Ga.	1500	WTAY	Russelton, Ill.	1570	WULA	Eufula AL	1240
WRD	Dalto, Ga.	980	WSEK	Baldwinsville, N.Y.	1050	WTBC	Tuscaloosa AL	1230	WULF	Alma, GA	1400
WRDN	Riverhead, NY	1570	WSEV	Sevierville, Tenn.	930	WTBF	Troy AL	870	WUNK	Gainesville, Fla.	1390
WRDQ	Richland Center, WI	1450	WSEW	Sellingrove, PA	1240	WTBJ	Monticello, FL	1090	WUNA	Aguaquilla, P. R.	1340
WRCP	Philadelphia, Pa.	1840	WSEF	Quitman, Ga.	1490	WTBP	Cumberland, Md.	1450	WUNI	Mobile AL	1410
WRCC	Phildeluhia, Pa.	1840	WSEV	Somerser, Ky.	1240	WTBQ	Parsons, Tenn.	1580	WUNN	Mason, Mich.	1110
WRCD	Dalto, Ga.	980	WSEV	Sevierville, Tenn.	930	WTBW	Warwick NY	1110	WUNO	Rio Piedras, P.R.	1370
WRCN	Riverhead, NY	1570	WSEV	Sevierville, Tenn.	930	WTC	Plymouth, Ind.	1050	WUNR	Brookline, Mass.	1600
WRDQ	Richland Center, WI	1450	WSEV	Sevierville, Tenn.	930	WTCE	Fildmaton AL	990	WUPP	Pittsfield, MA	1110
WRCP	Phildeluhia, Pa.	1840	WSEV	Sevierville, Tenn.	930	WTCH	Shawano, Wis.	1280	WUPY	Ishpeming MI	970
WRCC	New Britain, CT	910	WSEV	Sevierville, Tenn.	930	WTCL	Tell City, Ind.	950	WURL	Winston-Salem, NC	1500
WRCS	Ahoshke, N.C.	970	WSEV	Sevierville, Tenn.	930	WTCT	Warren, Ohio	1570	WUSA	Atlantic City, NJ	1490
WRDB	Reedsville, WI	1400	WSEV	Sevierville, Tenn.	930	WTCD	Clarksville, Mich.	1400	WUST	Washington DC	1120
WRD	Hammond NJ	1590	WSEV	Sevierville, Tenn.	930	WTCH	Campbellsville, Ky.	1450	WVAB	Virginia Beh., Va.	1550
WRDN	Durand, Wis.	1480	WSEV	Sevierville, Tenn.	930	WTCL	Lafayette, La.	1420	WVAK	Fossil IN	1500
WRDD	Augusta, Maine	1400	WSEV	Sevierville, Tenn.	930	WTCS	Fairmount, W.Va.	1490	WVAL	Sauk Rapids, Minn.	800
WRDW	Augusta, GA	1480	WSEV	Sevierville, Tenn.	930	WTUC	Whitesburg, Ky.	920	WVAM	Altoona, Pa.	1430
WRDY	Holyoke, Mass.	930	WSEV	Sevierville, Tenn.	930	WTEL	Philadelphina, Pa.	860	WVAP	Burnettown, S.C.	1510
WRDC	Memphis, TN	890	WSEV	Sevierville, Tenn.	930	WTUC	Thomson, Ga.	1480	WVAR	Richwood, W.Va.	800
WRD	Monroe, GA	1400	WSEV	Sevierville, Tenn.	930	WTUG	Myrtle Beach, S.C.	1520	WVBS	Burgaw NC	1470
WREL	Lexington, Va.	1450	WSEV	Sevierville, Tenn.	930	WTUH	Augusta, Ga.	1550	WVCE	Shalotte, N.C.	1410
WREM	Jenkins, Ky.	1000	WSEV	Sevierville, Tenn.	930	WTHD	Millford, Del.	930	WVCF	Windsor, Fla.	1440
WREN	Topeka, KS	1250	WSEV	Sevierville, Tenn.	930	WTHI	Minneapolis, N.Y.	1520	WVCG	Coral Gables, Fla.	1080
WRES	Ashtabula, Ohio	970	WSEV	Sevierville, Tenn.	930	WTHL	Terre Haute, Ind.	1580	WVCH	Chester, Pa.	740
WREV	Reidsville, N.C.	1220	WSEV	Sevierville, Tenn.	930	WTHL	Terre Haute, Ind.	1580	WVEC	Hampton, Va.	1490
WREY	New Albany, Ind.	1280	WSEV	Sevierville, Tenn.	930	WTHU	Thurmont, Md.	1450	WVFC	McConnalshurg, PA	1520
WRF	Athens, Ga.	980	WSEV	Sevierville, Tenn.	930	WTIC	Hartford, Conn.	1080	WVFR	Ridgefield, CT	850
WRFD	Worthington, Ohio	890	WSEV	Sevierville, Tenn.	930						

U.S. FM STATIONS BY LOCATION

Location	Call	MHz	Location	Call	MHz	Location	Call	MHz	Location	Call	MHz
Lancaster	KOTE	106.3		KKHI-FM	95.7		KPUB-FM	99.9	Green Cove Springs	WKJJ	92.7
Livermore	KKIQ	101.7		KYA-FM	93.5	Rocky Ford	KAVI-FM	95.9	Hialeah	WCMQ-FM	92.1
Lodi	KWIN	97.7	San Jose	KSJO	92.3	Salida	KVRH-FM	92.1	Immokalee	WLEQ	95.9
	KCVR Radio			KBAY	100.3	Security	KWYD	105.5	Jacksonville	WJAX-FM	95.1
Lompoc	KLPC-FM	92.7		KEZR	106.5	Steamboat Springs	KBCR-FM	96.7		WJXF-FM	91.1
Long Beach	KLON	88.1		KOME	88.5		KYOT	89.7		WKIX-FM	99.1
	KNOB	97.9		KSJS	90.7	Sterling	KOTO	91.7		WIVY-FM	102.9
	KPEN	97.7		KLKL	89.3	Telluride	KVMT	104.7		WJEE	107.9
Los Altos	KSUL	90.1	San Luis Obispo	KCPR	91.3	Vail	KUAD-FM	99.1		WKTZ-FM	98.1
	KFJC	89.7		KCBX	90.1	Windsor				WAVI	96.9
Los Angeles	KLOS	95.5		KZOX	93.3					WJCT-FM	89.9
	KBCA	105.1	San Mateo	KCSM	91.1					WYFL-FM	89.1
	KFSG	96.3		KSOL	107.9				Jupiter	WRYZ-FM	96.7
	KFAC-FM	92.3	San Rafael	KTIM-FM	100.9				Key West	WFYN-FM	92.5
	KIQQ	100.3	Santa Ana	KWIZ-FM	98.7					WLAB	95.5
	KGBS	97.1		KYMS	106.3					WIII	107.1
	KRTH	101.1	Santa Barbara	KCSB-FM	91.5					WCIE	91.3
	KJOI	98.7		KDB-FM	93.7				Lakewood	WTDL-FM	94.3
	KIIS-FM	102.7		KTYD	99.9				Lake City	WVFM	94.1
	KMET	94.7		KRUZ	103.3				Lakeland	WCFE-FM	91.3
	KNX-FM	93.1		KTMS-FM	97.5				Leesburg	WLBE-FM	108.7
	KOST	103.5	San Jose	KARA	105.7					WPLY	106.7
	KPFK	90.7	Santa Clara	KSCQ-FM	92.7					WSWF	107.1
	KPOL-FM	93.9	Santa Cruz	KUSP	88.9				Lehigh Acres	WQHL	98.1
	KLVE	107.5		KZSC	68.1				Live Oak	WMUM	94.3
	KWST	108.9	Santa Maria	KXFM	99.1				Marathon, FL	WJAX	100.9
	KXLU	88.9		KSMA-FM	102.5				Melbourne	WYRL	102.3
	KBIG	104.3		KCRW	89.9					WTAI-FM	107.1
	KHOF	98.5	Santa Monica	KSRF	103.1					WFIT	91.5
	KLBS-FM	95.9		KAAP-FM	96.7					WTMI	93.1
Los Banos	KRYE	95.3	San Rosa	KZST	100.1					WJHR	96.3
Los Gatos	KUUL	92.1		KBBF	89.1					WGOS-FM	93.9
Madera	KMMT	106.3		KVRE-FM	91.5					WIGL	107.5
Mammoth Lakes	KNBS	90.3	Seaside	KZEN	102.1					WDNA	88.9
Manatee	KUBB	96.3	Sonora	KROG	92.7					WATA	97.8
Mariposa	KRFD	99.9		KTHO	103.1					WLYF	101.5
Marysville	KMFB-FM	92.7	South Lake Tahoe	KRLT	100.1					WCUO	89.7
Mendocino	KBDR	89.1	Stanford	KNUO	91.3					WJXJ	96.3
Mered	KBMY	97.5	Stockton	KCJH	90.5					WLRN-FM	91.3
	KSMR	88.5		KJAX	99.3					WEDR	99.1
Mission Viejo	KBEE-FM	103.3		KBJC-FM	89.5					WVWL	93.9
Modesto	KBHI-FM	89.9		KSTN-FM	107.3					WOCN-FM	94.9
	KHOP	104.1	Susanville	KSUE-FM	92.7					WXBM-FM	102.3
	KDHS	90.5	Thousand Oaks	KNIA	92.7					WDRJ-FM	107.7
	KITA	102.3	Torrance	KNNH	89.7					WCVU	94.5
	KDOL-FM	97.7	Travis AFB	KSRT	100.9					WNFM	94.5
	KWAV		Tulare	KVKI	91.3					WNTU	92.1
	KRJB	97.7	Truckee	KEZC	101.7					WRGI-FM	93.5
Monte Rio	KSMC	89.5	Turlock	KBOS	94.9					WGUL-FM	105.5
Moraga	KSFH	90.5		KWMS	106.7					WFUZ	93.7
Mountain View	KEDY	95.3		KBDS	90.9					WLMC	103.1
Mount Shasta	KOCM	103.1		KMIX	98.3					WDBO-FM	92.3
Newport Beach	KCSN	88.5	Twenty-Nine Palms	KQYN	95.7					WDIZ	100.3
Northridge	KJFM	102.1	Ukiah	KALF	103.3					WHOO-FM	96.5
Oceanside	KSOM-FM	93.5		KLIL	94.3					WKIS-FM	100.3
Ontario	KOVA	105.5	Vacaville-Fairfield	KUIC	98.3					WBJW	105.1
Ontard	KPMJ	104.7	Ventura	KBBY	95.1					WFTU-FM	89.9
	KDAR	98.3	Visalia	KHAY	100.7					WYD-FM	99.9
	KOCN	104.9	Walnut	KONG-FM	92.9					WJNO-FM	97.9
Pacific Grove	KDES-FM	104.7	Walnut Creek	KSAK	90.1					WPFM	107.9
Palm Springs	KNVR	96.7	West Covina	KDFM	92.1					WGNB	98.5
Paradise	KPCS	89.3	W. Sacramento	KWHS	91.7					WKGC-FM	90.7
Pasadena	KROQ-FM	106.7	Woodland	KSFM	102.5					WPAP-FM	92.5
	KPRM	94.3	Yuba City	KHEX	103.9						
Paso Robles	KOSO	93.1							Pensacola	WAJB	107.3
Patterson	KPRA	94.3								WMEZ	94.1
Paso Robles	KPGA	95.3								WJII	101.7
Pismo Beach	KIOO	99.7								WBOP-FM	101.5
Porterville	KVIP-FM	98.1								WPCS	89.3
Redding	KCAL-FM	96.7								WXOS	100.3
Redondo Beach	KUOR-FM	89.1								WCKO	102.7
Redlands	KLOA-FM	105.5								WEEJ	100.1
Ridgecrest	KZIQ-FM	92.7								WCOF-FM	92.7
	KRVH-FM	90.9								WCNH-FM	101.7
Rio Vista	KBBL	99.1								WGMW	94.3
Riverside	KHNY-FM	92.7								WFOY-FM	97.7
	KDUO	97.5								WKES	101.5
	KLLU	89.7								WQYK-FM	99.5
	KPIP	93.5								WWSA-FM	107.3
Roseville	KCTC	96.1								WQSR	102.3
Sacramento	KERS	90.7								WSPB-FM	106.3
	KFBK-FM	92.5								WKZM	105.5
	KEBR	100.5								WSKP-FM	105.5
	KEWT	105.1								WPXE-FM	106.1
	KWOD	106.5								WMCF	92.7
	KROI	96.9								WGLF	104.1
	KXOA	107.9								WFSU-FM	91.8
	KZAP	98.5								WBGW-FM	98.9
	KWOD	106.5								WOMA	94.9
St. Helena	KYYN	99.3								WAMF	90.5
Salinas	KDOO	102.5								WOWD	101.9
	KRAY-FM	103.9								WAMF	90.5
	KWYT-FM	100.7								WJWJ	100.7
	KAUG	90.9								WFLA-FM	93.3
Salinas-	KRSA-FM	100.7								WVFX	94.9
Monterey	KVCR	91.9								WEXZ	104.7
San Bernardino	KOLA	99.9								WINO	88.5
	KQIH	95.1								WUSF	89.7
	KAPX	107.9								WRMF-FM	98.3
San Clemente	KFMB-FM	100.7								WPLO	89.9
San Diego	KFSD-FM	100.7								WAMR-FM	92.1
	KITZ	94.1								WGLY	93.3
	KGB-FM	101.5									
	KIFM	98.1								WEAT-FM	104.5
	KLRO	94.9								WIRK-FM	107.9
	KOZM-FM	103.7								WWRN	92.1
	KEZL	102.9								WHFL	87.8
	KPRI	106.5								WHPF	91.5
	KPBS-FM	89.5								WLOQ	103.1
	KSDS	88.3								WFLX	88.9
	KSON-FM	97.3									
	KYXY	96.5									
San Fernando	KGIL-FM	95.3									
	KALW	91.7									
San Francisco	KCBS-FM	98.9									
	KDFC	102.1									
	KEAR	97.3									
	KFOG	104.5									
	KQUP	106.1									
	KIOI	101.3									
	KYUU	99.5									
	KMPX	106.9									
	KPOO	89.5									
	KQED-FM	88.5									
	KSAN	94.9									
	KOIT	96.5									
	KSPX	103.7									
	KUSX	90.3									
	KABL-FM	98.1									

U.S. FM STATIONS BY LOCATION

Location Call MHz

Newton KLVN 95.9
Oswain KOEL-FM 92.3
Oskaloosa KBOE-FM 104.9
KIGC 88.7
Ottumwa KLEE-FM 97.7
Pella KCUJ 89.1
KPLL 103.3
Perry KDLS-FM 104.9
Sheldon KIWA-FM 105.8
Sioux Center KDCR 91.3
KVDR-FM 94.3
Sioux City KSEZ 97.9
KBPM 95.5
KTFC 103.3
KWT 90.3
Spencer KICD-FM 102.7
Storm Lake KAYL-FM 101.5
Twin Lakes KTLB-FM 105.5
Washington KCII-FM 95.3
Waterloo KNWS-FM 101.9
KFMW 107.9
KXEL-FM 105.7
KNEI-FM 103.9
Waukon KWAR 89.1
Waverly KWAY-FM 99.3
Webster City KQWC-FM 95.9
West Des Moines KWDM 88.9

KANSAS

Ablene KABI-FM 98.3
Baldwin KKBJ 88.9
Chanute KQSM 105.5
Colby KXXX 100.5
KTCC 91.9
KVCQ 88.3
Concordia KGNQ-FM 95.5
Dodge City KOYY-FM 99.3
El Dorado KLF 104.9
Emporia KUPR-FM 97.3
Garden City KBJC 91.9
Great Bend KVBG-FM 104.3
Hays KJLS 103.3
Hiawatha KNZA 103.9
Hillsboro KHHS 88.1
Hutchinson KSKU 102.1
KHCQ-FM 90.1
KWBW-FM 102.9
Independence KJND-FM 101.7
Iola KIOL 99.3
Junction City KJCK-FM 94.5
Kansas City KUDL 98.1
KCKN-FM 94.1
KANS-FM 95.7
Larned KANU 91.5
Lawrence KLWN-FM 105.9
KJHK 90.7
Leavenworth KCLO-FM 98.9
Lyons KLOQ 108.1
Manhattan KMKF 101.7
Marysville KNDY-FM 103.1
McPherson KNEZ-FM 96.7
Newton KJRG-FM 92.3
KDFZ 92.3
Oberlin KSNF 101.1
Ottawa KOFO-FM 95.7
Parsons KPFS-FM 91.1
Pittsburg KMRJ 96.9
Pratt KWNQ-FM 93.1
Russell KRSL-FM 95.9
Salina KSKG 99.9
KYEZ 93.7
Scott City KULL 94.5
Topeka KTQP-FM 100.3
KSWT 98.7
WIBW-FM 97.3
KTPK 106.9
Wichita KBRA 97.9
KARD-FM 107.3
KEYN-FM 103.7
KFDL 101.3
KMUW 89.1
KIGT 95.1
Winfield KSWC 88.3

KENTUCKY

Albany WANY-FM 106.3
Ashland WAMX 93.7
Barbourville WYWY-FM 89.3
Beattyville WJLC 92.3
Benton WCBF-FM 102.3
Bowling Green WLBJ-FM 96.7
WDNS 98.3
Brandenburg WMMG 93.5
Cádiz WKDZ-FM 106.3
Campbellsville WTCO-FM 103.9
Carrollton WCOG 101.1
Cattlettsburg WCAK 92.9
Central City WNES-FM 101.9
Columbia WAIN-FM 93.5
Corbin WCTT-FM 107.1
WYGO-FM 99.3
Cynthiana WCVN-FM 102.3
Danville WJGE 92.9
Elizabethtown WQXE 106.3
Elkhorn City WECL 103.1
Erlanger WHKK 100.9
Ft. Campbell WABD-FM 107.9
Ft. Knox WSAC-FM 105.5
Frankfort WKYV 104.9
Fulton WFLN-FM 99.7
Georgetown WAXU-FM 103.1
Glasgow WGGC 95.1
WVOV 105.5
Grayson WGOH-FM 102.3
WKCC 91.5
Greensburg WGRK-FM 103.1
Hardinsburg WHIC-FM 99.3
Harrodsburg WHBN-FM 99.3
Hartford WLLS-FM 106.3
Hazard WSGS 101.5
Henderson WKDQ 99.5
WHKC 103.1
Hindman WKBF-FM 107.1
Hodgenville WLCB-FM 106.3
Hopkinsville WHP-FM 98.7
WKOF 100.3
Jackson WJSN-FM 97.7
Jamestown WJRS 104.9
Jenkins WREM-FM 94.3
Leitchfield WMTL-FM 104.9
Lexington WBKY 91.3

Location Call MHz

Liberty WLAP-FM 94.5
London WKQQ 98.1
Louisville WVLK-FM 92.9
WKDO-FM 105.5
WFTG-FM 103.9
WFPK 91.9
WFLP 95.9
WFLA-FM 105.8
WAMZ 97.5
WNNS 97.5
WKLO-FM 99.7
WVEZ 106.9
WLRZ 102.3
WUOL-FM 90.5
Madisonville WFMW-FM 93.9
WVSF-FM 89.9
WXLX-FM 103.1
Manchester WXID 94.7
Mayfield WFTM-FM 98.9
Maysville WMIK-FM 92.7
Middlesboro WFLW-FM 101.7
Monticello WMOR-FM 92.1
Morehead WKY 90.3
Morganfield WMSK-FM 95.3
Mt. Sterling WMST-FM 105.8
Munfordville WLOC-FM 102.3
Murray WAWW 103.7
WKM 91.3
Owensboro WBRK 92.5
WSTO 96.1
Paducah WPAD-FM 96.9
WKYX-FM 93.3
WSPF-FM 98.9
Paris WGR-FM 96.7
Pikeville WKHR 92.1
Pineville WPKR 102.5
Prestonburg WDOC-FM 95.5
WPRT-FM 105.5
Princeton WPKY-FM 104.9
Providence WHRZ 97.7
Richmond WEKU-FM 88.9
WBFZ 96.7
Russellville WAKQ 101.1
St. Matthews WSTM 103.1
Scottsville WLCK-FM 99.3
Somerset WSEK 96.7
WSSC 90.7
Stanford WRSL-FM 95.9
Stanton WSKV 104.9
Tompkinsville WTKY-FM 96.7
Versailles WJMM 106.3
Winchester WTCW-FM 103.9
WKDJ 100.1

LOUISIANA

Abbeville KR0F-FM 104.9
Alexandria KSLI 96.9
KDBS-FM 100.3
Bastrop KTRY-FM 94.3
Baton Rouge WFMF 102.5
WAFB-FM 98.1
WQXY-FM 100.7
WYNK-FM 101.8
KQKI-FM 95.3
Bayou Vista KHIO 102.9
Crowley KEAZ 101.7
Donaldsonville KSMI-FM 104.9
Ferriday KFNV-FM 93.5
Franklin KFRA-FM 94.3
Golden Meadow KZZQ 94.3
Grambling KGRM 91.8
Hammond WGTI 103.3
WFRP-FM 107.1
KSLU 90.9
KGLI 107.1
Houma KHOM 104.1
KJNA 99.3
Jena KJEF-FM 92.7
Jennings KT0C-FM 104.9
Janesboro KRVS 88.3
KPEL-FM 99.9
KSMW 94.5
KLCI-FM 98.8
Lake Charles KGRA 103.7
KSNS 96.1
Lake Providence KBED 92.7
La Place KBKW 92.3
Lafayette KTDY 99.9
KVPV 105.5
Mansfield KJVC 92.7
Many KWLY 92.7
Marksville KAPB-FM 97.7
Minden KASO-FM 95.3
Monroe KMLB-FM 104.1
KNLU 88.7
KNOE-FM 101.9
KREB 108.1
KMRQ-FM 98.7
KOBH 97.7
KNWD 91.7
KDEA 99.1
New Iberia WBYU 95.7
New Orleans WQEE 93.3
WEZB 97.1
WNOE-FM 101.1
WRNO 99.5
WTUL 81.5
WVNO 89.9
WYLD-FM 98.5
WLL-FM 101.9
Oakdale KCWR 104.9
Oak Grove KDDI 96.7
Opelousas KOGM 107.1
Ruston KXKZ 107.1
KLPJ 89.1
Shreveport KRMD-FM 101.1
KEPT 96.5
KMBQ 91.3
KSCL 93.7
KROK 94.8
KCOZ 100.1
WVSL-FM 105.3
Siletil KTKC 92.7
Surlinghill KLQQ 100.9
Sulphur KTIQ-FM 106.3
Thibodaux KVFQ 91.5
KVPI-FM 93.5
W. Monroe KYEA 88.3
Winfield KVCJ-FM 92.1
Winnsboro KCRF-FM 95.9

Location Call MHz

MAINE
Auburn WWAV 100.1
Augusta WFAU-FM 101.3
Bangor WBGW 97.1
WNSN 85.3
WBPC 92.9
WMEH 90.9
WWND 89.9
WIGY 105.9
WMO5 91.5
WBSF 91.7
WIDE-FM 94.8
Brunswick WBOR 91.1
WBHS 91.9
WGME-FM 98.9
WQDY-FM 82.7
Calais WFST-FM 97.7
Caribou WDEA-FM 95.7
Ellsworth WUMF-FM 91.9
Farmington WKJT-FM 99.3
WUFC 90.3
Ft. Kent WKME 104.3
Gardiner WMPG 91.1
Gorham WRNE 89.1
Houlton WHOU-FM 100.1
WCOU-FM 93.9
Lewiston WRJR 91.5
WBLN 107.5
Lewiston-Auburn WLKN-FM 99.3
Lincoln WOXO 92.7
Norway WMEB-FM 91.9
Orono KMIS-FM 106.3
Portageville WDCS 92.7
Portland WPOR-FM 101.9
WGAN-FM 102.9
WMEA 90.1
WNGX 93.1
Presque Isle WDHP 96.9
WUPI 91.1
WMEB-FM 106.1
Rockland WRKD-FM 93.5
Rumford WRUM-FM 97.9
Sanford WSME-FM 82.1
Scarborough WJBQ-FM 106.3
Skowhegan WTOS-FM 107.1
Springvale WNCY 91.1
Waterville WTVL-FM 98.3
WMBH 91.8
Westbrook WRQN 100.9

MARYLAND

Annapolis WNAV-FM 99.1
WFSI 107.9
Arnold WACC 89.9
Baltimore WBVC 91.5
WXYV 102.7
WEAA 88.9
WPOC 93.1
WRBS 93.1
WBAL-FM 92.9
WDJQ 104.3
WLIF 101.9
WLPF-FM 92.3
WMAF-FM 106.5
WSPH 90.3
WHFC 88.1
WJMD 97.7
WHFS 102.3
WPGC-FM 95.5
Bladensburg WPGC 95.5
Braddery Heights WPGC 95.5
Braddock Heights WZYQ-FM 103.9
WCEM-FM 103.3
Cambridge WKTK 105.7
Catonsville WPKM 102.9
Cumberland WKGO 106.1
Easton WEMD-FM 96.7
Emmitsburg WMTB-FM 89.9
Frederick WFRE 99.9
Frederick WFRB-FM 105.3
Frostburg WBBK 95.9
Glen Burnie WJMD 104.7
Hagerstown WWC5 106.9
WQCM 98.7
Halfway WHDG 103.7
Havre De Grace WMSG-FM 102.1
LaPlace WJTR-FM 97.1
Lexington Park WMD-FM 97.7
Prince Frederick WJMS 92.7
Princess Anne WOLC 102.5
Salisbury WBOC-FM 104.7
WICO-FM 94.3
WGT5-FM 91.9
WCVT 89.7
Towson WSMO-FM 104.1
Waldorf WTTR-FM 100.7
Westminster WYII 95.9
Williamsport WCRH 90.5
WKHS 90.8
Worton

MASSACHUSETTS

Amherst WAHM 89.5
WFCR 88.5
WMAU 91.7
WPA 91.7
Andover WARC 99.9
Barnstable WBUR 90.9
Boston WBON 104.1
WBZ-FM 106.7
WTTK 100.7
WEEI-FM 103.3
WERS 88.8
WCOZ 94.5
WJIB-FM 96.9
WREB 91.7
WROR 98.5
WBMT 88.3
WBM-FM 91.5
WCAV 97.7
Brookline WBOS 92.7
Cambridge WGBH-FM 89.7
WHRB-FM 95.3
WTBS 88.1
WIQH 88.3
Concord WQNH 91.1
Dudley WNRG 91.1
Easton WSHL-FM 91.3
Fitchburg WCB1 101.9
WFMP 104.5

Location Call MHz

Frammingham WVFB 105.7
WFSB 91.3
Franklin WGAO 91.3
Gloucester WVCA-FM 104.9
Greenfield WHAI-FM 98.3
Haverhill WHAV-FM 92.5
Holyoke WCCB 89.5
Hyannis WCOD 106.1
Lawrence WCCM-FM 93.7
Lowell WSSH 95.5
WJUL 91.5
Lynn WLYN 101.7
Maynard WAVM 91.7
Medford WWEL-FM 107.9
WVFO 91.5
Milton WMLN-FM 91.5
New Bedford WJFD-FM 97.3
WVFS 98.1
Newbury WQBI 88.7
WZCB 90.3
Newton WMNB-FM 100.1
N. Adams WJWJ 91.1
WMCC 90.5
Northampton WHMP-FM 99.3
North Dartmouth WUSM 90.5
Orleans WLCB-FM 101.9
Pittsfield WQRB 105.5
WUPE-FM 95.9
WBRK-FM 101.7
WTLR-FM 89.5
Plymouth WPLM-FM 99.1
WRPS 91.5
Rockland WRMS 91.7
Salem WMMW 91.7
Sandwich WSRB 91.7
Sheffield WBSL 91.7
Southbridge WESO-FM 100.1
South Hadley WMHC 90.7
Springfield WHYN-FM 93.1
WMAS-FM 94.7
WAIC 81.9
WAGY 102.1
WCSB 88.9
WTRZ 89.1
WTCC 90.7
WCVL 91.3
Taunton WRLM 93.3
Tisbury WV01-FM 99.9
Walpole WCFM 94.7
Waltham WBR5 91.7
WCRB 102.5
W. Yarmouth WOCB-FM 94.9
Wellesley WZLY 91.5
West Barnstable WKKL 91.1
Westfield WSKB 91.5
Weston WRSB 88.3
Williamstown WCFM 91.9
Winchester WHSR-FM 91.9
Worcester WAAF 107.3
WACN 90.5
WSRS 96.1
WCUW 91.3
WCHC 89.1

MICHIGAN

Adrian WLEN 103.9
WQTE 95.3
WVAC 88.1
WUFX 98.7
Albion WSRX 88.5
Allendale WFF-FM 91.9
Alma WWSB 107.7
Alpena WATZ-FM 93.5
WCBN 89.5
Ann Arbor WOUM 91.7
Wior 107.4
WPAQ-FM 107.1
Auburn Heights WCFM 89.5
Bad Axe WLEW-FM 92.1
Battle Creek WKFR-FM 103.3
WDFP 95.3
Bay City WCHW-FM 91.3
WGER-FM 92.5
WFB-FM 89.9
WVAUS 90.9
Berrien Springs WBRN-FM 100.9
Big Rapids WJMC 94.7
Birmingham WRFH 88.1
Riverview WGLX 93.5
Boysie City WTYV-FM 92.9
Cadillac WTYV-FM 96.7
Caro WKYO-FM 104.9
Charlotte WCEB-FM 92.7
Cheboygan WCBY-FM 105.1
Clare WRNN-FM 95.3
Coldwater WANG 98.5
Dearborn WNIC-FM 100.3
Detroit WDET-FM 101.9
WBFQ 98.7
WJZZ 105.9
WABX 99.5
WDEE-FM 93.1
WDRQ 93.1
WDTV 90.9
WGR 107.8
WLDM 95.5
WMOZ 103.5
WVWK 97.9
WJRF-FM 96.3
WQMC 94.3
WQRS-FM 101.1
WVJ-FM 97.1
WVWW 106.7
WVWF 101.1
WVCF-FM 92.3
WDCR-FM 97.9
WKAH-FM 100.8
WVFM 99.1
WVVC-FM 94.9
WVKY 97.1
WVBE 95.1
WGMZ-FM 107.9
WVCK 105.5
WVWV-FM 100.1
WVWR 106.7
WVFG 92.1
WVUR-FM 102.9
WVCSG 91.3
WGRD-FM 97.9
WJFM 91.7
WLA-FM 98.9
WYON 101.3

U.S. FM STATIONS BY LOCATION

Location	Call	MHz
WOOD-FM	105.7	
WVGR	104.1	
XKGR	96.7	
WZZM-FM	96.7	
WEHB	106.3	
WQON	100.1	
WPLB-FM	107.3	
WML-FM	93.0	
WKKM	101.1	
WBCH-FM	100.1	
WHPR	88.1	
WCSR-FM	92.1	
WJBL-FM	94.0	
WHTC-FM	98.1	
WGGJ-FM	91.1	
WJGS	101.5	
WHMT-FM	93.5	
WIAA	88.3	
WJNR-FM	103.0	
WIMI	99.7	
WUMP	106.9	
WJAG-FM	92.3	
WMGT	107.1	
WTFI	94.1	
WJOX-FM	108.1	
WMUK	102.1	
WIDR	89.1	
WCAA	89.9	
WQLR	108.0	
WJLD-FM	97.5	
WLS-FM	101.7	
WITL-FM	100.7	
WTHM-FM	103.1	
WKLA-FM	106.3	
WRRK	97.7	
WNMU-FM	90.1	
WHWL	100.7	
WUUN	95.1	
WELL-FM	104.9	
WSVC	99.7	
WRCI	93.5	
WEJY	89.5	
WVMO	98.3	
WBRB-FM	102.7	
WCU-FM	99.0	
WCEN-FM	94.0	
WMHW-FM	91.5	
WQXO	88.3	
WMUS-FM	108.9	
WQWG-FM	104.5	
WKJR-FM	101.7	
WNBY-FM	93.5	
WNIL-FM	93.3	
WQVI	89.5	
WOPR	90.3	
WOCR	89.7	
WBLD	88.0	
WOPF-FM	103.9	
WJPE	95.9	
WMBM-FM	96.7	
WSDP	89.3	
WSAQ	107.1	
WSGR-FM	91.3	
WORW	91.9	
WQAK	89.3	
WKCO	96.1	
WIOG	106.3	
WWVS	107.1	
WRBJ-FM	92.1	
WIRX	107.1	
WMIC-FM	97.7	
WSHM	89.8	
WSEU	101.3	
WSHJ	88.3	
WSAE	89.3	
WSTR-FM	99.3	
WDBI-FM	101.7	
WLKM-FM	95.9	
WLDK	101.9	
WCDC-FM	92.1	
WTCM-FM	103.5	
WTSB	88.1	
WPHS	91.5	
WLRQ	95.3	
WEMU	88.1	
WZND	99.8	

MINNESOTA

Albert Lea	KCPJ	95.3
Alexandria	KXRA-FM	92.7
	KCMT-FM	100.7
Aitkin	KEZZ	94.8
Austin	KAUS-FM	99.9
	WEDD	90.7
Anoka	KTWN	107.9
Bemidji	KBSB	91.9
	KBNP	101.1
Benson	KBMO-FM	93.5
Blue Earth	KBW-FM	106.9
Brainerd	KLIZ-FM	85.7
Breckenridge	KKWB	104.9
Cambridge	KABG	105.5
Cloquet	WKLK-FM	100.8
Collegeville	KSJR-FM	90.1
	KSJU	89.1
Cottage Grove	WSWC	88.1
Crookston	KCUJ-FM	91.7
Detroit Lakes	KVLH	95.5
Duluth	KUND-FM	85.1
	WAKX-FM	98.9
	WSCD-FM	92.9
	KAOH-FM	94.9
	WDTH	103.3
	WGR	105.1
E. Grand Forks	KRAD-FM	103.9
Evelath	WVLA	100.1
Fairmont	KSUM-FM	106.3
Faribault	KDHL-FM	95.9
Fergus Falls	KBRF-FM	103.3
Foston	KEHG-FM	107.1
Golden Valley	KQRS-FM	92.8
Grand Rapids	KXGR	96.7
	KAXE-FM	91.7
	WMLW	101.3
Hibbing	WMFG-FM	106.3
Hutchinson	KDUZ-FM	107.1
International Falls	KICC	91.5
Litchfield	KLFD-FM	95.3
Lувен	KQAD-FM	95.7
Mankato	KMSU	90.5
	KEYC-FM	99.1
	KYSM-FM	103.8
Marshall	KMHL-FM	100.1

Location	Call	MHz
Minneapolis-St. Paul		
KBEM-FM	88.5	
WCCO-FM	102.0	
WCTS-FM	100.7	
KSTP-FM	94.8	
KEEY-FM	102.1	
KTIS-FM	98.8	
WLDF-FM	98.8	
KNOF	95.8	
KTCR-FM	97.1	
WAYL-FM	93.7	
KSJN	91.1	
KIDA	99.9	
KCCM-FM	91.1	
KQWB-FM	98.7	
KLUM-FM	88.7	
KMRR-FM	107.5	
KNJF-FM	95.1	
WCAL-FM	89.3	
KRLX	90.3	
KRFO-FM	104.9	
KPRM-FM	97.5	
KLOR-FM	98.7	
KRSW-FM	91.7	
KFIL-FM	103.1	
WQPM	106.3	
KCIE-FM	105.5	
KLGR-FM	97.7	
WYOO-FM	101.9	
KDWB-FM	101.3	
KROC-FM	106.9	
KNCV	101.7	
KRKP	89.9	
KNXR	97.5	
KOLM-FM	96.7	
KRCH	101.7	
KLSE-FM	91.7	
KCLD-FM	104.7	
WJLO	101.1	
KFMX	104.1	
KRBI-FM	105.5	
KMSR	94.3	
WMMH-FM	101.7	
KAYS	89.5	
KOSN-FM	99.3	
WIRM	107.1	
KKWS	105.9	
KQDE-FM	92.1	
KQIC	102.5	
KDOM-FM	94.3	
KAGE-FM	95.3	
KQAL	88.5	
KWOA-FM	95.1	

MISSISSIPPI

Aberdeen	WHAY	105.5
Amory	WAFM	95.3
Batesville	WBLE-FM	95.9
Bay Springs	WXIY	93.5
Biloxi	WQID	93.7
Booneville	WBIP-FM	99.3
Brandon	WRHJ	92.7
Brookhaven	WRRQ	97.1
Canton	WWLM	102.7
Clarksdale	WAID	106.3
	WJBI	101.7
Cleveland	WFPI	92.7
	WCLD-FM	103.9
Clinton	WHJT	93.5
Coldwater	WVIM-FM	95.3
Columbia	WFFF-FM	101.3
Columbus	WJWF	103.1
	WLNK	90.9
Corinth	WALP	90.5
	WKCU-FM	94.3
Drew	WADI	95.3
Ellisville	WDDU	95.3
Fulton	WBSJ	102.5
Forest	WFTA	101.7
Greenville	WQST	92.5
	WBAQ	97.9
	WDMS	100.7
Greenwood	WSWG-FM	99.1
Grenada	WRIL	100.1
Guttport	WGUF-FM	96.7
	WROA-FM	107.1
	WTAM	102.3
Hattiesburg	WHYS-FM	104.5
	WHER	103.7
	WMSU	91.1
Hazelhurst	WMDC-FM	100.9
Holly Springs	WKRL-FM	92.7
Houston	WCPG-FM	83.3
Indianola	WNLA-FM	105.5
Iuka	WTIB	104.9
Jackson	WZZQ	102.9
	WVLS	91.5
	WLIN	85.5
	WKXI	94.7
	WJSU	90.7
	WJMI	99.7
	WJFR	96.3
Kosciusko	WKOZ-FM	103.1
Laurel	WNSL-FM	100.3
Leland	WBAD	94.3
Lumberville	WLSM-FM	107.1
Magee	WSJC-FM	107.5
McComb	WCCA	94.1
	WTBI	103.7
	WDAL	101.3
	WALT	97.1
Mississippi State	WMSB	89.1
Moss Point	WKY	104.9
Natchez	WQNX	92.1
New Albany	WNAU-FM	103.3
Newton	WGOT	106.3
Ocean Springs	WOSM	103.1
Oxford	WUOR	97.5
Pascagoula	WPMO	99.1
	WGUU	106.3
Poplarville	WPRM-FM	107.9
Pontotoc	WSEL-FM	96.7
Rolla	KMNR	89.7
Senatobia	WNJC	90.1
Starkville	WSMU-FM	106.3
Tishomingo	WKMO	88.9
Tulsa	WLEO-FM	98.3
Tylertown	WTYL-FM	97.9
Vicksburg	WQMY	98.7
	WKYV-FM	106.7
Waynesboro	WABO-FM	105.5

Wesaco	WWCL	91.1
West Point	WKBB	100.9
Winona	WONA-FM	96.7
Yazoo City	WNSA-FM	92.1

MISSOURI

Aurora	KELE	100.1
Bollivar	KLTB	108.3
Boonville	KWRT-FM	99.3
Bowling Green	KPCR-FM	100.9
Branson	KIRK-FM	106.3
Buffalo	KBFL	90.3
Butler	KMOE	105.3
Cabool	KVVC-FM	106.3
Canton	KQCA	102.3
Cape Girardeau	KGMO-FM	100.7
	KFMP	102.9
	KRCU	90.9
Carrollton	KAOL-FM	101.1
Carthage	KRCK	104.9
Charlottesville	KRGV	103.1
Chillicothe	KCHI-FM	103.9
Clayton	KFUO-FM	99.1
	KHRU	88.1
	KWUR	90.3
Clinton	KDKD-FM	95.3
Columbia	KWWC-FM	90.8
	KBIA	91.3
	KRBC	88.1
	KFMZ	98.3
	KTGR-FM	96.7
	KOPN	89.5
	KTCG	96.7
Crestwood	KSHE	84.7
Dexter	KDEX-FM	102.3
Dorphan	KOEA	97.7
El Dorado Springs	KESM-FM	107.1
Farmington	KTIJ	98.5
Ferguson	KCFV	89.5
Florissant	KSCF	97.1
Fulton	KKCA	97.7
Greenfield	KRFG	93.5
Hannibal	KGRG	92.9
Harrisonville	KIEE	100.7
Hillsboro	KHKA	88.9
Houston	KSCM-FM	99.3
Jefferson City	KJFF	106.9
	KLUM-FM	88.9
	KJMO	100.1
Joseph	KQBC	91.3
	KSYN	92.8
	KPCG	102.5
	KCEZ	94.9
	KBEQ	104.3
	KTSR	90.1
	KCUR-FM	89.3
	KJC	88.5
	KMBR-FM	99.7
	KPRS	103.3
	KXTR	96.3
	KWKI	93.3
	KYYS	102.1
	KYMO	98.9
	KRXL	94.8
Kennett	KJEL-FM	103.7
Kirkville	KBKE	106.3
Lebanon	KWPB	91.9
Lexington	KSAB	106.5
Liberty	KMFL-FM	102.9
Marshall	KNOS	91.7
	KXCV	94.8
Maryville	KNIM-FM	95.3
Mexico	KWWR-FM	95.7
Missoula	KDXT-FM	93.3
Moberly	KRES	104.7
Mountain Grove	KRLS-FM	92.7
Overland	KRSH	90.1
Osage Beach	KRMS	93.8
Parkville	KQSP	90.3
Point Lookout	KSQZ	91.7
Poplar Bluff	KPBM-FM	84.5
	KMMX	95.5
Portageville	KMIS-FM	106.3
Rolla	KCLU-FM	84.9
	KMNR	89.7
	KZNN	105.3
	WUMR	88.5
	KCLC	89.1
St. Charles	KSGM-FM	105.7
St. Genevieve	KUSM-FM	105.1
St. Joseph	KCFM	93.7
St. Louis	KKKS	107.7
	KADI-FM	96.3
	WIL-FM	92.3
	KZMR	89.3
	KLSR	89.7
	KMOX-FM	103.3
	KEZK	102.5
	KLPH	89.9
	KLSQ	98.1
	KSLL	91.5
	KWJU	90.7
	KETU	95.9
Salem	KSIS-FM	92.1
Sedalia	KCBW	92.1
Sedalia	KTTS-FM	94.7
Springfield	KTXR	101.8
	KWCF	97.3
	KWTO-FM	98.7
	KSMU	91.1
	KTRX	93.5
Tarkio	KLPW-FM	101.7
Union	KCMW	90.8
Warrensburg	KFBD-FM	97.7
Waynesville	KQW	102.3
West Plains	KWFM-FM	93.9

MONTANA

Anaconda	KGLM-FM	97.7
Belgrade	KGWV-FM	96.7
Billings	KURL-FM	97.1
	KBMS	98.5
	KOYN-FM	93.3
	KEMC	91.7
	KRER	88.9
Bozeman	KGLT	90.1
Butte	KBOW	94.1
	KMSM-FM	91.5
Dillon	KDBM-FM	98.8

Location	Call	MHz
Glendive	KIVE-FM	96.8
Great Falls	KOPR-FM	106.3
	KANR	98.0
	KNWU	94.5
Hamilton	KLYG-FM	96.8
Hardin	KRWS	95.3
Havre	KPOX	92.5
Helena	KHTC	89.5
	KCAP-FM	103.1
Kalispell	KSSR	98.5
	KALS	97.1
Lawlston	KLCM-FM	95.9
Missoula	KJFM	88.1
	KYSS-FM	94.9
	KYLT-FM	100.1
	KDXT	93.3
Plentywood	KPWD	100.1
Seobey	KCGM	95.7

NEBRASKA

Auburn	KAUB	105.8
Aurora	KDFA	100.1
Beatrice	KWBE-FM	92.9
Blair	KDCV-FM	81.1
Columbus	KJSK-FM	101.1
	KTLX	91.9
	KTTT-FM	93.5
Crete	KTAP	103.9
Crookston	KINH	98.1
Fremont	KHUB-FM	105.5
Grand Island	KRGI-FM	96.5
Hastings	K	

U.S. FM STATIONS BY LOCATION

Location	Call	MHz	Location	Call	MHz	Location	Call	MHz	Location	Call	MHz
Hillsboro	WSSS	89.5	Okmulgee	KKNG	92.5	Hazleton	WVCD	97.9	Smithfield	WLKW-FM	101.5
Holland	WSRW-FM	106.7	Ponca City	KLLS	94.3	Hershey	WITF-FM	89.8	WPRO-FM	82.3	
Ironton	WPOS-FM	102.3	Poteau	KLOR-FM	99.3	Huntingdon	WKVR-FM	91.7	WJMF	97.5	
Jackson	WITO	107.1		KLCO-FM	98.3	Huntington	WRLR	106.3	WERI-FM	103.7	
Jefferson VII.-Twp.	WLMJ	94.7		KINB	107.3	Indiana	WQMU	103.1	WNON-FM	106.3	
Johnstown	WLMB	88.9	Pryor	KKMA	104.5	Jenkintown	WIUP-FM	91.3			
Kent	WVWJ	103.1	Sallisaw	KRBB-FM	95.9	Johnstown	WIBF-FM	103.9			
Kenton	WKSU-FM	89.7	Sapulpa	KXJO	10.9	Laneaster	WJAC-FM	95.5			
Ketterling	WKNT-FM	100.1	Shawnee	KBGC	89.9		WJNL-FM	92.1			
	WKTN	95.3	Stillwater	KOSU-FM	91.7		WFMM	92.1			
	WVUD-FM	99.9		KSPI-FM	93.9		WFNM	88.7			
	WKET	89.5		KVRO	105.5		WNCE	101.3			
	WCXL	88.7	Tahlequah	KEOK	101.7		WDAC	94.5			
Lancaster	WHOK-FM	105.5	Tonkawa	KAYE-FM	90.5		WLAN-FM	98.9			
Lima	WIMA-FM	102.1	Tulsa	KAKC-FM	92.9	Lebanon	WUFM	100.1			
	WLSR	104.9		KRAV	95.5	Lebanon	WPSI	89.1			
	WTGN	97.7		KWEN	95.5	Lewisburg	WYBU-FM	90.5			
Logan	WVGN-FM	98.3		KMDD	97.5	Lewisburg	WVRF-FM	95.9			
London	WSYX	106.3		KCFD	98.5	Lincoln University	WLIU	88.7			
Lorain	WZLE	104.9		KKUL	103.3	Linesville	WVCC	101.7			
Mansfield	WVNO	106.1		KWGS	89.5	Lock Haven	WBPZ-FM	92.1			
	WCLW-FM	105.3		KWEY	97.3	Mansfield	WNTD	89.5			
	WCNO	89.3		KSIW-FM	93.5	Martinsburg	WJSM-FM	92.7			
Marietta	WMRT	88.3				MeKeen	WFDI	102.3			
	WMOA-FM	94.3				Meadville	WARC	96.5			
	WMRN-FM	106.9					WZPR	100.3			
	WDIF	94.3					WWIZ	103.9			
Medina	WDBN	94.9				Mercer	WRCV	92.1			
Midamiburg	WFCJ	93.7				Mercersburg	WJJR	98.3			
	WRSF	89.9				Mifflinburg	WIXQ	91.7			
Middleport	WMPO-FM	92.1				Millersville	WILP	100.9			
Middletown	WPBF	105.9				Milton	WPEL-FM	96.5			
Millford-Mariemont	WLYK	107.1				Montrose	WNJW	92.1			
Morrow	WLMH	88.1				Nanticoke	WNUF	100.7			
Mt. Vernon	WMVO-FM	93.7				New Kensington	WKPS	88.9			
Napoleon	WNQH	103.1				New Wilmington	WVVE	91.7			
New Concord	WNCO	89.7				Norristown	WHYP-FM	102.3			
Newark	WCLT-FM	100.3				North East	WRIS	98.5			
	WNKO	101.7				Oil City	WCTX	92.1			
New Philadelphia	WNPQ	95.9				Palmyra	WCAU-FM	98.1			
Norwalk	WQBC	88.7				Philadelphia	WDAS-FM	103.3			
Oberlin	WPNM-FM	106.3					WRCP-FM	104.5			
Ottawa	WNUB	88.5					WIOQ	102.1			
Oxford	WOXR	97.7					WDVR	101.1			
Plata	WPTW-FM	95.7					WFLN-FM	98.7			
Port Clinton	WRWR-FM	94.5					WUHY-FM	90.9			
Portsmouth	WPAY-FM	104.1					WIFI	92.5			
	WNXT-FM	99.3					WMMR	93.3			
	WRCJ	89.8					WUSL	98.9			
Reading	WSOM-FM	105.1					WVWG	102.9			
Salem	WLEC-FM	102.7					WVSP	94.1			
Sandusky	WMVR-FM	105.5					WPWT	91.7			
Sidney	WBLV-FM	102.9					WRTI	80.1			
Springfield	WEEC	100.7					WKDU	91.7			
	WJSO	89.1					WVSH	106.1			
Streetsboro	WSTB	91.5					WXPN	88.9			
Staubenville	WRKY	103.5					KDKA-FM	92.9			
Struthers	WKTL	90.7					WRCT	88.3			
Sylvania	WXEZ	105.5					WAMO	105.9			
Tiffin	WTTF-FM	103.7					WDVE	102.5			
	WHEI	88.9					WVSH	99.7			
	WSPD-FM	101.5					WJ01	93.7			
	WAMP	88.3					WPIT-FM	101.5			
	WGTE-FM	91.3					WQED-FM	89.3			
	WIOT	104.7					WPEZ	94.5			
	WKLR	99.9					WYDD	104.7			
	WLQR	101.5					WYEP-FM	91.5			
	WMHE	82.5					WVTF-FM	101.9			
	WJR	88.9					WPME-FM	105.5			
University Heights	WUJC	88.7					WRFY-FM	102.5			
Upper Sandusky	WYAN-FM	95.9					WXAC	91.3			
Uruana	WCOM-FM	101.7					WGCB-FM	96.1			
	WUHS	91.7					WTMX	94.3			
Van Wert	WERT-FM	98.9					WLSW	103.9			
Wapakoneta	WERM	92.1					WGBI-FM	101.3			
Washington Court House	WCHO-FM	105.5					WEXX	107.1			
	WIBO	100.8					WVIA-FM	89.9			
Waverly	WKOV-FM	96.7					WVNW-FM	91.5			
Welliton	WLHS	89.9					WVWL-FM	104.9			
West Chester	WOBN	91.5					WWSU	88.9			
Westerville	WBWB	103.9					WVWJ-FM	95.3			
Willerforce	WCSU-FM	88.9					WVWV-FM	95.9			
Wilmington	WDHK	102.3					WVWZ	93.5			
Wooster	WWST-FM	104.5					WVWZ	93.5			
	WCWS	91.9					WVWZ	93.5			
Worthington-Columbus	WNCI	97.9					WVWZ	93.5			
	WHBM-FM	103.9					WVWZ	93.5			
Xenia	WBZI	95.3					WVWZ	93.5			
Yellow Springs	WYSO	91.5					WVWZ	93.5			
Youngstown	WKBN-FM	98.9					WVWZ	93.5			
	WQDD	93.3					WVWZ	93.5			
	WSRD	101.1					WVWZ	93.5			
	WYSU	88.5					WVWZ	93.5			
Zanesville	WHIZ-FM	102.5					WVWZ	93.5			

SOUTH CAROLINA

OREGON

SOUTH DAKOTA

PENNSYLVANIA

TENNESSEE

RHODE ISLAND

U.S. FM STATIONS BY LOCATION

Location	Call	MHz	Location	Call	MHz	Location	Call	MHz	Location	Call	MHz
Covington	WKBL-FM	93.5	College Station	KAMU-FM	90.3		KIQC	106.1	Altavista	WKDE-FM	105.5
Crossville	WCSV-FM	99.3	Columbus	KULM	98.3	Ozona	KRCT	94.3	Arlington	WAVN-FM	105.1
Dayton	WNFM	104.9	Commerce	KETR	88.9	Palestine	KLIS	94.3	Ashland	WVFC-FM	101.1
Dickson	WDKN-FM	102.3	Conroe	KNRO	106.9	Paris	KHIM	98.3	Big Stone Gap	WLSD-FM	93.9
Dyersburg	WASL	101.1	Corpus Christi	KZFM	95.5	Plains	KACW	99.3	Blacksburg	WVVV	104.9
Elizabethville	WIDD-FM	99.3		KIOU	96.5	Pasadena	KYNO	92.9		WUVT-FM	90.7
Fayetteville	WYTM-FM	105.8		KSIX-FM	93.9	Plainview	KPNL-FM	104.9	Blackstone	WBBC	93.5
Franklin	WIZO-FM	100.1	Corsicana	KCIR	107.7	Plattview	KPLA	97.3	Charlottesville	WQMC	95.3
Gallatin	WFGM	104.5	Crockett	KIVY-FM	92.7	Pleasanton	KWLD	91.5		WWVW	97.5
Germantown	WGTG	94.3	Dalhart	KXIT-FM	95.9	Port Arthur	KBOP	98.3		WTJU	111.3
Greenville	WOFM	94.9	Dallas	KKDA-FM	104.5	Robstown	KPAU-FM	98.5	Chesapeake	WFOS	90.5
Henderson	WFHC-FM	91.5		KCCD	102.9	Rosenberg	KROB-FM	99.9	Chester	WDYL	92.1
Hendersonville	WBYQ	92.1		KCBI	89.3	San Angelo	KFRD-FM	104.9	Covington	WKEY-FM	100.9
Humboldt	WIRJ-FM	102.3		KNU5	98.7	San Antonio	KJY	92.9	Crewe	WSSV-FM	104.7
Huntingdon	WPVG	100.9		KAFM	94.5		KISS	99.5	Culpeper	WCUL	103.1
Jackson	WDEB-FM	100.1		WFAA-FM	97.9		KSAQ	100.3	Danville	WAKG	103.3
Jamestown	WQUT	101.5		WRR-FM	101.1		KSJT	97.8	Exmore	WEXM-FM	102.8
Johnson City	WETS	89.5		KVTT	91.7		KMEZ	100.3	Farmville	WFLO-FM	95.7
Jefferson City	WSDM	99.3		KMEZ	100.3		KDAX	105.3	Front Royal	WFFV	89.3
Kingsport	WKPT-FM	90.5		KDOTX	102.9		KZAG	90.1	Fredericksburg	WFVA-FM	101.5
Knoxville	WBIR-FM	103.5		KZAG	90.1		KRSM	89.3		WFLS-FM	93.9
	WEXK	97.5		KRSM	89.3		KERA-FM	90.1	Galax	WBFB-FM	96.1
	WIVK-FM	107.7		KERA-FM	90.1		KCHU	90.9	Gate City	WGAT-FM	104.9
	WKCS	91.1		KDLK-FM	94.3		KDLK-FM	94.3	Gretna	WMNA-FM	103.3
	WUOT	91.9	Del Rio				KSYM-FM	90.3	Hampton	WNRG-FM	97.7
Lawrenceburg	WDXE-FM	95.9	Denison-Sherman				KTFM	102.7		WWHS-FM	91.7
Lebanon	WFMO	81.3		KDSX-FM	101.7	San Marcos	KSCW	103.7		WVEE	103.3
	WLCH	88.7		KDNT-FM	106.1	Sequin	KWED-FM	104.9	Hampton	WFOV	88.3
	WFNQ	88.9	Denton			Sherman	KIKM-FM	96.7	Harrisonburg	WEMC	91.7
	WCOR-FM	107.3		KNTU	88.5	Sinton	KNGN	101.3		WMRA	91.1
Lenoir City	WLIL-FM	93.5	DiBall			Slaton	KOUL	103.3		WQPO	100.7
Lewisburg	WJIM-FM	94.3	Dumas			Sonora	KJAK	92.7	Kilmarnock	WKWI	107.7
Lexington	WXLL-FM	99.3	Eagle Pass			Spearman	KYRN-FM	92.1	Lexington	WLUR	91.5
Livingston	WLVJ-FM	95.9	Edinburg			Stephenville	KBMF-FM	98.3	Lynchburg	WVOD-FM	100.1
Lobelville	WTHI	94.3	El Campo			Sweetwater	KWWM	98.3		WYFI	99.7
Manchester	WHSR-FM	99.7	El Paso			Temple	KXOX-FM	94.9	Manassas	WEZR	106.7
Martin	WCMT-FM	101.7		KTEP	88.5	Terrill Hills	KPLE	104.9	Marion	WMEV-FM	93.0
	WUTM	90.3		KUOE	95.5	Texarkana	KBUC	106.3		WOLD-FM	102.3
McKenzie	WKTA	106.9		KEZB	96.3	Tyler	KTAL-FM	98.1	Martinsville	WMVA-FM	98.3
McMinnville	WNHR	103.9		KINT-FM	97.5		KZAK-FM	93.1	Mineola	KM00-FM	96.7
Memphis	WHRK	97.1		KLOZ	102.1		KROZ	92.7	Newport News	WGH-FM	97.9
	WMC-FM	99.7		KSET-FM	94.7		KNUJ	101.5	Norfolk	WCMS-FM	100.5
	WCBQ	91.1		KSDJ	92.3		KYWG-FM	102.3		WNOR-FM	98.7
	WEVL	90.3		KPAS	93.9		KTXN-FM	98.7		WQWI	102.9
	WEZI	105.9		KTSM-FM	99.9		KCWV	95.1		WKEZ	95.7
	WSWM	91.7		KWCB	94.3		KEFC	95.5		WQRK	104.5
	WLYX	89.3		KPJH	94.3		KWTX-FM	97.5		WTGM	89.9
	WMPS-FM	87.1		KSCS	96.3		KWBU	107.1		WXRJ	105.3
	WQOX	88.9		KSSS	93.9		KLUR	99.9		WYFI	99.7
	WZRN	102.7		KXOL	99.5		KNTD	103.3		WBID	92.9
	WQUD	104.5		KFWD	102.1		KNOK-FM	107.5		KTCU-FM	88.7
	WKNO-FM	91.1		KNOK-FM	107.5		KFJZ-FM	87.1		KNAF-FM	101.1
	KWAM-FM	101.1		KTCU-FM	88.7		KCAF-FM	94.5		WHIN-FM	104.5
	KWBJ-FM	92.3		KFJZ-FM	87.1		KUFO	106.5		KMCS	98.3
	WAZI	95.9		KNAF-FM	101.1		KGTN-FM	96.7		KWKQ	107.1
	WMTS-FM	98.3		KCAF-FM	94.5		KIKT	93.5		KIKT	93.5
	WMOT	89.5		WHIN-FM	104.5		KELT	94.5		KELT	94.5
	WMEZ	92.9		KUFO	106.5		KMBB	96.1		KGRI-FM	100.1
	WZDF	103.3		KMCS	98.3		KMBB	96.1		KPAN-FM	106.3
	WLAC-FM	105.9		KGTN-FM	96.7		KIKT	93.5		KVIL-FM	103.7
	WKDA-FM	103.3		KWKQ	107.1		KELT	94.5		KHBR-FM	102.5
	WPLN	90.3		KIKT	93.5		KMBB	96.1		KHCB-FM	105.7
	WNAZ-FM	88.9		KELT	94.5		KMBB	96.1		KAUM	96.5
	WRVU	91.1		KMBB	96.1		KMBB	96.1		KIKK-FM	95.7
	WXEX	92.9		KGRI-FM	100.1		KMBB	96.1		KILT-FM	100.3
	WSIX-FM	97.9		KPAN-FM	106.3		KMBB	96.1		KFMK	97.9
	WSM-FM	95.5		KVIL-FM	103.7		KMBB	96.1		KL-FM	101.1
	WATO-FM	94.3		KHBR-FM	102.5		KMBB	96.1		KODA-FM	99.1
	WOKI-FM	100.3		KHCB-FM	105.7		KMBB	96.1		KPPT	90.1
	WDNX	89.1		KAUM	96.5		KMBB	96.1		KLEF	94.5
	WBNT-FM	105.5		KIKK-FM	95.7		KMBB	96.1		KQIE	102.9
	WTPR-FM	105.5		KILT-FM	100.3		KMBB	96.1		KRBE	104.1
	WGL	86.3		KL-FM	101.1		KMBB	96.1		KTSU	90.9
	WSM	94.3		KODA-FM	99.1		KMBB	96.1		KUHJ	88.7
	WSEV-FM	102.1		KPPT	90.1		KMBB	96.1		KRLY	93.7
	WORM-FM	101.7		KLEF	94.5		KMBB	96.1		KTRU	91.7
	WUTS	91.5		KQIE	102.9		KMBB	96.1		KSAM-FM	101.7
	WTCV	93.1		KRBE	104.1		KMBB	96.1		KSBU	106.5
	WJLE-FM	101.7		KTSU	90.9		KMBB	96.1		KTXJ-FM	102.3
	WZDC	102.3		KUHJ	88.7		KMBB	96.1		KSUC	88.3
	WSMT-FM	105.5		KRLY	93.7		KMBB	96.1		KPFM	94.3
	WDBL-FM	94.3		KTRU	91.7		KMBB	96.1		KXIS-FM	93.3
	WDEH-FM	95.3		KSAM-FM	101.7		KMBB	96.1		KNCT-FM	91.3
	WBGY-FM	93.3		KSBU	106.5		KMBB	96.1		KKTX	95.9
	WALR-FM	104.9		KTXJ-FM	102.3		KMBB	96.1		KKPUP	97.7
	WVRY	104.1		KVIL-FM	103.7		KMBB	96.1		KTAI	91.9
				KHBR-FM	102.5		KMBB	96.1		KVLG-FM	104.9
				KHCB-FM	105.7		KMBB	96.1		KGOL	107.3
				KAUM	96.5		KMBB	96.1		KCOOT	104.7
				KIKK-FM	95.7		KMBB	96.1		KLTD	90.3
				KILT-FM	100.3		KMBB	96.1		KOYE	92.7
				KFMK	97.9		KMBB	96.1		KETX-FM	92.1
				KL-FM	101.1		KMBB	96.1		KYKK	105.7
				KODA-FM	99.1		KMBB	96.1		KSEL-FM	93.7
				KPPT	90.1		KMBB	96.1		KTEZ	101.1
				KLEF	94.5		KMBB	96.1		KLBK-FM	94.5
				KQIE	102.9		KMBB	96.1		KLLE-FM	96.3
				KRBE	104.1		KMBB	96.1		KLSD	91.1
				KTSU	90.9		KMBB	96.1		KLXT-FM	91.9
				KUHJ	88.7		KMBB	96.1		KLUF-FM	105.1
				KRLY	93.7		KMBB	96.1		KLMT	96.7
				KTRU	91.7		KMBB	96.1		KBWC	91.1
				KSAM-FM	101.7		KMBB	96.1		KMHT-FM	103.9
				KSBU	106.5		KMBB	96.1		KQXK	90.3
				KTXJ-FM	102.3		KMBB	96.1		KVMV-FM	96.9
				KSUC	88.3		KMBB	96.1		KAWB	95.3
				KPFM	94.3		KMBB	96.1		KNFM	92.3
				KXIS-FM	93.3		KMBB	96.1		KKMJ	103.3
				KNCT-FM	91.3		KMBB	96.1		KBAT	93.3
				KKTX	95.9		KMBB	96.1		KKWT	95.9
				KKPUP	97.7		KMBB	96.1		KPXI	100.7
				KTAI	91.9		KMBB	96.1		KMUL-FM	103.1
				KVLG-FM	104.9		KMBB	96.1		KSFA-FM	92.1
				KGOL	107.3		KMBB	96.1		KSOU	90.1
				KCOOT	104.7		KMBB	96.1		KEFM	103.3
				KLTD	90.3		KMBB	96.1		KNBO	95.9
				KOYE	92.7		KMBB	96.1		KNBT	92.1
				KETX-FM	92.1		KMBB	96.1		KK	

U.S. FM STATIONS BY CALL LETTERS

Call	Location	MHz	Call	Location	MHz	Call	Location	MHz	Call	Location	MHz
KCKK-FM Cedar Rapids IA		88.3	KDVS Davis, Cal.		91.5	KGLM-FM Anaconda MT		97.7	KIQD Atascadero, CA		104.5
KCGM-FM Moorhead, Minn.		91.1	KDXT-FM Missoula, MO		93.3	KGLP Gallup, NM		94.5	KIQB Los Angeles, CA		106.5
KCCO-FM Lawton, Okla.		98.1	KDXU-FM George UT		95.5	KGLR Reno, Nev.		105.7	KIIR-FM Spring, MO		106.3
KCCQ Ames, IA		107.1	KEAR San Francisco, Calif.		97.3	KGLS Glenwood Springs, CO		92.7	KIBM Bellingham, WA		92.9
KCCD Longmont, CO		90.7	KEAZ DaRidder, LA		101.7	KGLT Bozeman, Mont.			KISR Fort Smith AR		83.9
KCED-FM Cedar City, Utah		88.1	KEBC Oklahoma City, Okla.			KGMI-FM Bellingham, Wash.			KISS San Antonio, TX		99.5
KCEB Centuria, WA		91.5	KEBR Sacramento, CA		100.5	KGMO-FM Cape Girardeau, Mo.			KISW Seattle, Wash.		96.9
KCEP-FM Tucson AZ		96.1	KECG El Cerrito, CA		88.1				KIT-FM Yakima, WA		94.5
KCEJ Las Vegas, NV		98.1	KECR El Cajon, CA		93.3	KGNC-FM Amarillo, TX		100.3	KITA Modesto, CA		102.3
KCEB Lafayette, Okla.		102.3	KECP Las Vegas, N.M.			KGNU Boulder, CO		97.9	KITF Creston, IA		101.7
KCEZ Kansas City, MO		94.9	KEDQ Austin, MN		90.7	KGNV Denver, Colo.		88.5	KITV San Diego, CA		185.3
KCFM St. Louis, MO		93.7	KEEY Mount Shasta, CA		95.3	KGOL Lake Jackson, TX		107.3	KITY San Antonio, TX		92.9
KCFD Tulsa, OK		96.5	KEEY-FM Minneapolis-St. Paul,			KGON Portland, OR		92.3	KIWA-FM Sheldon, IA		106.5
KCFR Denver, Colo.		90.1	KEFC Waco, TX		95.5	KGOR Omaha, NE		99.9	KIXI-FM Seattle, Wash.		
KCFB Sioux Falls, S.D.		90.1	KEHG-FM Fosston, Minn.		107.1	KGOR Anchorage, AK		101.3	KIXB-FM Killen TX		93.3
KCFY Ferguson, Mo.		99.5	KEKI Honolulu, HI		93.9	KGOU Norman, OK		106.3	KIXX Watertown, SD		96.1
KCHA-FM Charles City, IA		104.9	KELE Aurora, MO			KGOW Broken Arrow, OK		92.1	KIXY-FM San Angelo TX		84.7
KCHC Central Point OR		91.7	KELO-FM Sioux Falls, SD		96.5	KGRA Lake Charles, LA		103.7	KJAM-FM Madison, SD		103.1
KCHE-FM Cherokee, IA		102.3	KELT Harlingen, TX		94.5	KGRG Greeley, Colo.		88.9	KJAN-FM San Diego, CA		103.7
KCHF-FM Sioux Falls, S.D.		93.5	KEMC Billings MT		91.7	KGRG Auburn, WA		88.9	KJAX Steokton, CA		99.3
KCHI-FM Chillicothe, MO		103.9	KENA-FM Mena AR		101.7	KGRI-FM Henderson, Tex.		81.3	KJAZ Alameda, CA		92.7
KCHO Chico, Cal.		91.1	KENE-FM Toppenish, WA		92.7	KGRS Burlington, IA		107.3	KJCK-FM Junction City, KS		94.5
KCHU Dallas, TX		90.9	KEDK Tahlequah OK		101.7	KGRS Burlington, IA		107.3	KJEF-FM Jennings, LA		106.7
KCHV-FM Wadsworth, IA		90.3	KEEJ La Grande OR		90.5	KGSP Parkville, MO		90.3	KJEL-FM Lebanon MO		102.7
KCHL Houma, LA		107.1	KEPC Colorado Springs CO		90.5	KGTN-FM Georgetown, TX		96.7	KJFM Ocean Springs, AL		92.7
KCIM-FM Carroll, Ia.		93.7	KEPH Ephraim, Utah		89.5	KGUS Hot Springs AR		97.5	KJHK Lawrence, KS		90.7
KCIR Corsicana TX		107.9	KEPO Eagle Point, OR		89.1	KGVB Hot Springs, AR		97.5	KJIB Portland, OR		90.5
KCIV The Dalles, Ore.		104.5	KEPT Shreveport, LA		96.5	KGVB Hot Springs, AR		97.5	KJIL Bethany, OK		104.9
KCIZ Springdale, AR		104.9	KEQR Chica, Cal.			KGVH Gunnison, UT		91.7	KJLH Compton, CA		102.3
KCIB-FM Minot, ND		97.1	KERA-FM Dallas, TX		90.1	KHAW-FM Belgrade, Mont.			KJLS Hays, KS		103.3
KCII-FM St. Louis, Mo.		93.3	KERI Bellingham, Wash.		98.3	KHVV-FM Cedar Rapids IA		98.1	KJML Sacramento, CA		100.1
KCKN-FM Kansas City, Kan.		99.1	KERS Sacramento, CA		90.7				KJMD Jefferson City, MO		99.3
KCLC St. Charles, MO		89.1	KESD Brookings, S.D.		90.7	KHAT Lincoln NE		108.3	KJNF-FM North Pole, AK		101.1
KCLD-FM St. Cloud, MN		104.7	KESI Edinburg, TX		107.9	KHAY Ventura CA		100.7	KJOL Los Angeles, Calif.		96.7
KCLK-FM Clarkston WA		94.1	KESM-FM El Dorado Springs, Mo.			KHBM-FM Monticello AR		93.5	KJOK Yuma AZ		93.1
KCLN-FM Clinton, Iowa		97.7	KESS Fort Worth, TX		93.9	KHBR-FM Hillsboro, Tex.		102.5	KJPN Klamath Falls, OR		92.5
KCLO-FM Leavenworth, KS		98.9	KESY Commerce, TX		95.9	KHBT Humboldt, Iowa		97.7	KJPW-FM Waynesville, Mo.		
KCLV-FM Reilly, MO		94.5	KETU Salem, Mo.		85.9	KHCB-FM Houston, Tex.		105.7	KJRG-FM Newton, KS		92.3
KCKK Glenwood Springs, CO		96.3	KETX-FM Livingston, Tex.		92.1	KHCG-FM Hutchinson KS		90.1	KJSM-FM Columbus, NE		101.1
KCMS Indio, CA		103.1	KEUT Seattle, WA		94.1	KHCH-FM Cheyenne, Wyo.		97.9	KJVC Manassas, VA		92.7
KCMT-FM Alexandria, Minn.		100.7	KEWB Redding, Cal.		104.3	KHCF-FM Phoenix AZ		101.5	KJVG Manassas, VA		92.7
KCMU Seattle WA		90.9	KEWC-FM Cheney, Wash.			KHEX Yuba City, CA		103.9	KJZZ Anchorage AK		102.1
KCNM Carlsbad, N. M.		88.1	KEWT Sacramento CA		105.1	KHFI-FM Austin, Tex.			KKAJ Ardmore OK		96.7
KCNT Hastings, NE		98.1	KEXI Walla Walla, WA		92.7	KHFM Albuquerque, N.Mex.			KKBC Carson City, NV		97.7
KCOE-FM Cedar Rapids IA		90.9	KEYA Belmont, ND		92.5	KHIS Hillsboro, KS		88.1	KKCA-Fulton, Ga.		92.7
KCOL-FM Fort Collins, CO		107.9	KEYC-FM Mankato, Minn.			KHIB Durant OK IA		91.9	KKCF-FM Dallas, TX		104.5
KCOT Lamesa, TX		104.7	KEYN-FM Wichita, Kan.			KHIG Paragould AR		104.9	KKDJ Fresno, CA		105.9
KCOU Columbia, MD		88.1	KEYO-FM Spokane, Wash.		101.7	KHIP Palestine, TX		98.3	KKQD Grand Forks, ND		92.9
KCOZ Shreveport, LA		100.1	KEZE-FM Prescott, AZ		98.3	KHIO Crowley, LA		102.9	KKEA Hilo, Hawaii		97.9
KCPI Albert Lea, MN		95.3	KEZJ Twin Falls, ID		95.7	KHIP Hollister, CA		93.5	KKEG Fayetteville AR		92.1
KCPR San Luis Obispo, Cal.		91.3	KEZL St. Louis, MO		102.9	KHIS-FM Bakersfield, CA		96.5	KKEZ Ft. Dodge, IA		94.5
KCPX-FM Salt Lake City, UT		98.7	KEZZ Little Rock AR		94.1	KHKA Hillsboro, Mo.		88.9	KKFM Colorado Springs, Colo.		
KCRF-FM Winnsboro, La.		95.9	KEZR San Jose CA		106.5	KHNY-FM Riverside, CA		92.7	KKHJ Rapid City, SD		93.9
KCRI Helena AR		107.5	KEZU El Dorado, AR		103.1	KHOB-FM Hobbs, N. M.		96.1	KKIJ Livermore, CA		101.7
KCRI Helena, AR		103.1	KEZV Seattle WA		88.9	KHOF Los Angeles, Calif.			KKKK DeSosa, TX		99.1
KCRV Carthersville, MO		183.1	KEZY-FM Anaheim CA		95.9	KHOW Houma, LA		104.1	KKLP Pigeonton, Minn.		93.9
KCRW Santa Monica, Calif.		89.9	KEZZ Aitkin MN		94.5	KHUO Waco TX		99.9	KKLV Anchorage, AK		106.7
KCSB-FM Santa Barbara, Cal.		91.5	KFAC-FM Los Angeles, Calif.			KHUP Modesto, CA		104.1	KKMA Pryor, OK		104.5
KCSB Edmond, Okla.		90.1	KFAT Fayetteville, Ark.		94.3	KHVF-FM Harrison AR		102.9	KKNB Jamestown, N.D.		95.5
KCSB Chino, AZ		89.1	KFAT Gilroy, CA		94.3	KHVS Hope, AR		104.9	KKNB Bakersfield, CA		92.7
KCSM San Mateo CA		88.5	KFBC-FM Cheyenne, Wyo.		97.9	KHWC Brownwood, Tex.		107.9	KKOP Redondo Beach, CA		93.5
KCSB Northridge CA		88.5	KFBD-FM Waynesville, Mo.		92.5	KHPE Albany OH		95.9	KKOS Carlsbad, CA		95.9
KCSB Turlock, CA		91.9	KFCB-FM Sacramento, Cal.		95.1	KHQ-FM Spokane, Wash.		88.1	KKBS St. Louis, MO		107.7
KCSU-FM Ft. Collins, Colo.		90.3	KFCI-FM Fresno, CA		95.1	KHUU Clayton, TX		88.1	KKTX Kilgus, TX		95.9
KCSW San Marcos, TX		103.7	KFDB-FM Wichita KS		101.3	KHVS-FM Hamet, Cal.		97.5	KKUL Tulsa OK		103.9
KCTB-FM Flagstaff, AZ		93.9	KFFM Yakima WA		107.3	KHSS Honolulu, HI		97.5	KKWB Brocktonridge, Minn.		104.5
KCTC Sacramento, Cal.		96.1	KFGQ-FM Boone, Ia.		89.3	KHST-FM Fresno, CA		94.5	KKBA Bakersfield, CA		107.9
KCEU-FM Red Wing, MN		105.5	KFIG Fresno, CA		101.1	KHTC Helena, Mont.		88.5	KKWS Wadena, Minn.		107.9
KCUI Pella, IA		89.1	KFII-FM Preston, Minn.		103.1	KHUB-FM Fremont, NE		105.5	KKYS Hanford, CA		107.5
KCUM-FM Crookston MN		91.7	KFIN Joplin, MO		107.9	KHUI Honolulu, HI		93.9	KLAK-FM Lakewood CO		107.8
KCUR-FM Kansas City, Mo.		89.3	KFII-FM Marshalltown, Ia.		96.7	KHVR Bije, Calif.			KLAW Lawton, Okla.		
KCWB Balfour, TX		98.1	KFJC Los Altos, Cal.		98.9	KIAG Suering CO		96.7	KLAY-FM Tacoma, Wash.		
KCWC Riverport, WY		88.1	KFJL Oklahoma City OK		98.9	KIAM-FM Wenatchee, WA		104.9	KLAZ Little Rock AR		98.5
KCWN Victoria, TX		95.1	KFJM-FM Grand Forks, ND		90.3	KIBS Oshtemo, NE		93.5	KLBB-FM Austin, TX		93.7
KCWR Oakland, IA		104.9	KFJZ-FM Fort Worth, TX		97.1	KIBQ Idaho Falls, ID		91.9	KLBK-FM Lubbock, Tex.		
KCWS Beaville, TX		104.9	KFKZ Greeley, CO		96.1	KIBS-FM Bishop, CA		88.1	KLBS-FM Los Banos, Cal.		
KCWS Richland, Wash.		101.1	KFLG Flagstaff, AZ		92.9	KICB Ft. Dodge, IA		88.1	KLCC Eugene, Ore.		
KDAB Ogden, UT		90.3	KFLP San Jose CA		106.5	KICC International Falls, MN		91.5	KLCD Decatur, IA		89.5
KDB-FM Santa Barbara CA		93.7	KFLY-FM Corvallis OR		101.5	KICD-FM Spencer, Ia.		100.7	KLCL-FM Lake Charles, LA		99.5
KDBH Natchitoches LA		97.7	KFMA Jerome, Ida.		92.7	KICE Bend OR		100.7	KLCB-FM Lewiston, MT		95.9
KDBM-FM Dillon MT		98.3	KFMB-FM San Diego, Calif.			KICG Iowa City, IA		100.7	KLCO-FM Pecos, Okla.		
KDRS-FM Alexandria, La.		100.3	KFMO Dubuque, Ia.		107.9	KICN Spokane, WA		98.9	KLEA-FM Lovington, N. M.		
KDCR Sioux Center, Iowa		91.3	KFMP Cape Girardeau, Mo.		102.9	KICR Cedar Rapids, IA		102.9	KLEE-FM Ottumwa, IA		97.7
KDCT-FM Blair, NE		91.1	KFMT Lincoln, NE		101.9	KICB-FM Hastings, Neb.		90.1	KLEF Houston, Tex.		89.3
KDDI Oak Grove, LA		96.7	KFMY Fremont, Cal.		106.5	KICT Wichita KS		88.1	KLEW-FM LeMars, Ia.		106.3
KDEA New Iberia LA		89.1	KFMS Las Vegas, NV.		101.9	KID-FM Idaho Falls, Ida.		90.3	KLFD-FM Littlefield, Minn.		98.3
KDES-FM Palm Springs, CA		104.7	KFNT La Grande OR		96.3	KIDA Moorhead, MN		99.9	KLFW Ames, Ia.		
KDEW-FM DeWitt AR		96.7	KFRY Fresno, CA		101.9	KIEA Ethete, WY		89.7	KLGA-FM Algona, Iowa		92.7
KDEF-FM Albuquerque, NM		94.1	KFSD San Diego CA		94.1	KIEE Harrisonville, MO		100.7	KLGR-FM Redwood Falls, MN		97.7
KDEL-FM Arkadelphia, AR		100.9	KFSG Los Angeles, Cal.		96.3	KIEL Beaumont, TX		95.1	KLGS Los Gatos, Cal.		88.8
KDEM-FM Denton, TX		106.1	KFUN Las Vegas NM		100.9	KIFG-FM Iowa Falls, Ia.		98.1	KLHT Brocktonridge, CO		102.3
KDEX-FM Dexter, Mo.		102.3	KFUM-FM Clayton, Mo.			KIGC Colorado Springs, CO		88.7	KLIS Lewiston ID		89.1
KDFC San Francisco CA		102.1	KFWF Ft. Worth, TX		102.1	KIKC Oklahoma, IA		103.7	KLII Ukiah, Cal.		
KDFM Walnut Creek, CA		92.1	KFXD-FM Nampa, ID		83.7	KIKV-FM Manitow Springs, CO		102.7	KLIN-FM Lincoln, Neb.		107.3
KDHI-FM Twenty-Nine Palms, Cal.			KFYB-FM Bismarck, N.D.		95.9	KIIS-FM Los Angeles, CA		102.7	KLIR-FM Denver, Colo.		95.7
KDHL-FM Faribault, MN		95.9	KGAB Camarillo, CA		95.9	KIJV-FM Huron, SD		92.1	KLIZ-FM Brainerd, Minn.		95.7
KDHS Modesto, Cal.		98.3	KGAF-FM Gainesville, Tex.		101.5	KIKK-FM Houston, Tex.		95.7	KLKJ-FM Lubbock, Tex.		94.3
KDIC Grinnell, IA		97.9	KGB-FM San Diego CA		100.7	KIKM-FM Sherman, TX		96.7	KLKS Okmulgee, OK		98.3
KDJD Pueblo, CO		92.9	KGBS Los Angeles, CA		97.1	KIKO-FM Globe AZ		100.3	KLME Battle Mountain, NV		88.1
KDKA-FM Pittsburgh, PA		92.9	KGCC Denison, Tex.		89.7	KIKT Greenville, TX		93.5	KLMO-FM Longmont, CO		104.3
KDKB-FM Mesa, AZ		93.3	KGED Batesville, AR		88.1	KIKL Henderson, Nev.		105.5	KLMR-FM Lamar, CO		93.3
KDKD-FM Clinton, Mo.		95.3	KGFN Bakersfield, Cal.		100.3	KIJL Mount Pleasant, Iowa		105.5	KLMT Marlin, TX		96.7
KDKL-FM Del Rio, Tex.		98.9	KGGG-FM Rapid City, SD		100.3	KIKM-FM Houston, Tex.		95.3	KLOA-FM Ridgely, Calif.		98.7
KDKM-FM Waverly, ND		96.7	KGGD Des Moines, IA		94.9	KIMJ Keokuk IA		89.3	KLOP-FM Pipestone, MN		98.7
KDLR-FM Devils Lake, ND		96.7	KGHQ-FM Hoquiam, Wash.			KIMN-FM Denver, CO		88.5	KLOL Houston TX		101.1
KDLS-FM Perry, Iowa		104.9	KGIL-FM San Fernando, CA		95.3	KINB-Peteau, Okla.		107.3	KLOM-FM Lompoc, Cal.		92.7
KDLY Lander, WY		97.5	KGLO-FM Los Angeles, Calif.		102.9	KINB-FM Seattle, Wash.			KLON Long Beach, Calif.		92.7
KDMI Des Moines, Iowa		93.7	KGMC-FM Miami, OK		100.9	KINQ-FM Independence, Kan.			KLOO-FM Corvallis, OR		106.1
KDNC-FM Spokane WA		98.5	KGLC-FM Miami, OK		100.9	KINR-FM Seattle, Wash.		96.1	KLOQ Lyons, KS		106.1
KDND Delano, Cal.		106.1				KINI Crookston, NE		101.9	KLOR-FM Ponca City, OK		98.3
KDNT-FM Denton, TX		106.1				KINK Portland, Ore.		101.9	KLOS Los Angeles, Calif.		95.5
KDOL-FM Mojave, Cal.		94.3				KINL Eagle Pass, Tex.		92.7	KLOV-FM Loveland, Colo.		102.1
KDOM-FM Windom, MN		102.5				KINT-FM El Paso, Tex.		97.5	KLDZ El Paso TX		102.1
KDON Salinas, CA		102.5				KIOC Orange, TX		106.1	KLPC-FM Lompoc, CA		92.7
KDOT-FM Scottsdale AZ		100.7				KIOG Mesa, AZ		101.9	KLPH St. Louis MO		89.9
KDPS Des Moines, Iowa		107.1				KIOJ Colorado Springs, CO		101.9	KLPJ Ruston LA		99.1
KDSN-FM Denison, Iowa		107.1				KIOS San Francisco, Cal.		101.3	KLPW-FM Union, Mo.		100.7
KDSU Fargo, N. D.		101.7				KIOL Iowa, KS		99.3	KLQQ Sulphur, LA		100.9
KDSX-FM Denison-Sherman, TX		101.7				KIOP Porterville, Calif.		98.7	KLRB Carmel, Calif.		101.7
KDTX Dallas, TX		102.9				KIQQ-FM Bishop, CA		100.7	KLRE Little Rock AR		

U.S. FM STATIONS BY CALL LETTERS

Table with 4 columns: Call, Location, MHz, Call, Location, MHz, Call, Location, MHz, Call, Location, MHz. Lists radio stations across the United States.

U.S. FM STATIONS BY CALL LETTERS

Call	Location	MHz	Call	Location	MHz	Call	Location	MHz	Call	Location	MHz
KTFC	Sioux City, Ia.		KVLV-FM	Fallon, Nev.		KXXX-FM	Colby KA	100.3	WAHC	Meadville, Pa.	88.9
KTFM	San Antonio TX	102.7	KVMG-FM	Coehran, Ga.		KXXY	Oklahoma City OK	96.1	WARG	Summit, IL	88.9
KTGA	Fort Dodge, IA	92.1	KVMN	Pueblo, Colo.		KYA-FM	San Francisco CA	93.3	WAKR	Uue West, S.C.	91.7
KTGC	Columbia, MO	96.7	KVMT	Vail, CO	104.7	KYDZ	Cody, WY	90.1	WART	Plainfield, IN	98.3
KTHO-FM	Tahoe Valley, CA	103.1	KVMY-FM	MaAllen, Tex.	96.9	KYDE	West Monroe, La.	98.3	WAU-FM	Peru, Ind.	88.5
KTIB-FM	Thorpe, La.		KVNO	Omaha, Neb.	90.7	KYF	Salina, KS	94.7	WAYR	Mt. Kisco NY	88.5
KTIM-FM	San Rafael, Calif.	100.9	KVPC	Fairfield, Iowa	95.8	KYFM	bartlesville, Okla.	100.1	WASH	Washington, D.C.	
KTIS-FM	Minneapolis, Minn.		KVPI-FM	Villa Platte, La.		KYKR-FM	Port Arthur, TX	93.3	WASK-FM	Lafayette, Ind.	
KTJJ	Farmington, MO	98.5	KVPR-FM	Fresno, CA	89.3	KYKX	Longview, TX	105.7	WASL	Dyersburg, TN	101.1
KTKC	Springhill, LA	92.7	KVRE-FM	Santa Rosa CA	91.5	KYLO	Davis, CA	105.5	WASU-FM	Boone NC	90.8
KTLB-FM	Twin Lakes, IA	105.5	KVRF	Vermillion, S.D.		KYLT-FM	Missoula, MT	100.1	WATM-FM	Altmore AL	104.1
KTLQ-FM	Mountain Home AR	98.3	KVRH-FM	Salida, Calif.	92.1	KYMS	Santa Ana, Calif.	92.8	WATQ-FM	Oak Ridge, Tenn.	94.3
KTLO-FM	Tahlequah, Okla.		KVRN-FM	Sonora, TX	92.1	KYND-FM	Pasadena TX	96.3	WATV-FM	Ashtand, Wia.	95.9
KTLM-FM	Columbus NE	91.9	KVRS	Rapid City, S.D.	97.9	KYOR-FM	Blythe, CA	100.3	WATZ-FM	Alpena, Mich.	93.5
KTMO	Kennett MO	98.9	KVTT	Dallas, Tex.		KYOT	Sterling, CO	96.7	WAUG-FM	Augusta, Ga.	
KTMS-FM	Santa Barbara, Cal.		KVVC-FM	Cabool, MO	106.3	KYSM-FM	Mankato, Minn.		WAUN	Kawaunee WI	92.7
KTMT	Medford OR	93.7	KVVP	Leesville, LA	105.5	KYSS-FM	Missoula MT	94.9	WAUP	Akron, Ohio	
KTNN-FM	Tucumcari, N.M.	92.7	KVWC-FM	Vernon TX	102.3	KYTE-FM	Portland, OR	101.1	WAUR	Aurora, Ill.	107.9
KTOC-FM	Jonesboro, La.		KVWI	Logan, UT	94.5	KYUF	Grand Forks ND	94.7	WAUS	Berrien Springs, MI	90.9
KTOF	Cedar Rapids, Iowa	104.5	KVWM-FM	Snow Low AZ	90.1	KYUJ	Uvalde, TX	95.3	WAVA-FM	Arlington, Va.	
KTON-FM	Belton, Tex.	106.3	KVXJ	Crescent City, CA	94.1	KYUJ	San Francisco, CA	99.5	WAVM	Maynard, MA	91.7
KTOO	Juneau AK	104.3	KVYN	St. Helena, CA	99.3	KYXJ	San Diego CA	96.0	WAWR	Waverly, NY	102.3
KTOP-FM	Topeka, Kan.	100.3	KWAO	Sun City, AZ	106.3	KYYS	Kansas City, MO	102.1	WAWA-FM	Milwaukee, Wis.	
KTOT-FM	Big Bear Lake, CA	101.7	KWAR	Waverly, IA	89.1	KYZX	Seattle, WA	96.5	WAWK-FM	Kendallville, Ind.	
KTQY	Tacoma, Wash.		KWAS	Amarillo, TX	101.9	KZM-FM	Cape Girardeau, Mo.	102.9	WAWW	Murray, Ky.	
KTPK	Topeka, KS	106.9	KWAT-FM	Watertown, S.D.	96.1	KZAG-FM	Dallas TX	102.9	WAXI-FM	Rocky Hill, N.J.	
KTPM-FM	Clovis, N.M.		KWAX	Montezy, CA	96.9	KZAM-FM	Bellvue, WA	92.5	WAXO	Kenoshia, Wis.	
KTRI	Las Vegas, NV	92.3	KWRE-FM	Beatrice, NE	92.9	KZAP	Sacramento, Cal.	98.5	WAXU-FM	Georgetown KY	103.1
KTRU	Houston, TX	91.7	KWBG-FM	Boone, IA	98.3	KZEL-FM	Eugene, Ore.	98.5	WAXY	Ft. Lauderdale, Fla.	105.9
KTRX	Tarkio, MO	93.5	KWBI	Morrison, Colo.	91.1	KZEN	Seaside CA	107.1	WAXZ-FM	Durak AL	103.9
KTRY-FM	Basthrop, LA	94.3	KWBU	Waco, TX	107.1	KZFM	Waco, TX	107.1	WAYL-FM	Minneapolis, MN	93.7
KTVN-FM	Pueblo, Colo.	89.5	KWBW-FM	Hutchinson, KS	102.9	KZIN-FM	Bakersfield, Calif.	107.9	WAYT	Atlantic City, NJ	98.1
KTVI-FM	Spicer, TX	93.9	KWCR-FM	Ogden, Utah	94.3	KZIU-FM	Fort Worth, Texas	92.7	WAYZ-FM	Atlanta, Ga.	98.1
KTSR	Kansas City, Mo.		KWCW	Walla Walla, Wash.	90.5	KZLO	Pueblo, CO	100.7	WAZY-FM	Lafayette, IN	96.5
KTSU	Houston TX	90.8	KWCX	Willcox, AZ	98.3	KZNN	Rolla MO	105.3	WBAB-FM	Babylon, N.Y.	
KTOT-FM	Big Bear Lake CA	101.7	KWDB-FM	Richfield, MN	101.3	KZOO	San Luis Obispo, CA	93.3	WBAD	Leland MS	94.3
KTTS-FM	Springfield, Mo.		KWDG	Idabel OK	96.7	KZSC	Santa Cruz CA	88.1	WBAG-FM	Burlington-Graham, N.C.	
KTUH	Honolulu, HI	90.3	KWDM	West Des Moines, IA	89.9	KZST	Santa Rosa, Calif.	100.1	WBAL	New York, N.Y.	93.9
KTW-FM	Seattle, Wash.		KWED-FM	Seguin, Tex.	105.3	KZUN-FM	Stamford, Conn.	90.1	WBAL-FM	Baltimore, Md.	
KTWN	Anoka, Minn.	107.9	KWES	Kansas City, MO	97.1	KZUN-FM	Opportunity, Wash.		WBAU	Garden City NY	90.3
KTX-FM	Jasper, TX	102.3	KWEY	Weatherford, OK	97.3	KZZZ	Kingman AZ	92.7	WBAA-FM	Barnwell, S.C.	
KTXN-FM	Victoria, Tex.	98.7	KWEN	Tulsa OK	95.5	WAAJ	Worcester, Mass.		WBBB-FM	Pittsfield, Ill.	
KTWR	Tacoma, Wash.		KWFC	Springfield, MO	97.9	WAAJ	Binghamton NY	88.1	WBBB	Blackstone, Va.	93.5
KTXR	Springfield, Mo.	101.5	KWFM	Tucson AZ	92.9	WAAJ-FM	Parkersburg, W.Va.		WBBF	Rochester, NY	92.5
KTYT-FM	Lubbock, Tex.		KWFR-FM	San Angelo, Tex.		WABG-FM	Crestview, Fla.	87.8	WBBN-FM	Chicago, Ill.	
KTYD	Santa Barbara CA	99.9	KWGB-FM	Albany, Ga.	89.5	WABD-FM	Ft. Campbell, Ky.	107.9	WBBQ-FM	Forest City, N.C.	
KTYL	Tyler, TX	93.1	KWHI	Brenham, TX	106.3	WABE	Atlanta, Ga.		WBBQ-FM	Augusta, Ga.	
KUAC	College AK	104.7	KWHO-FM	Salt Lake City, Utah		WABF-FM	Fairhope AL	92.1	WBBY	Westerville, O.	103.9
KUAD-FM	Windsor, CO	99.1	KWHP	Edmund, Okla.	97.7	WABF-FM	Gardner ME	104.3	WBCB	Belleville, IL	89.7
KUAF	Fayetteville AR	88.9	KWHS	W. Sacramento, CA	91.7	WABO-FM	Waynesboro MS	108.8	WBCB-FM	Hastings, Mich.	100.1
KUAT-FM	Tucson, AZ	90.3	KWHW-FM	Altus OK	93.7	WABO-FM	Tifton, GA	98.8	WBCL	Fort Wayne, Ind.	90.3
KUBB	Mariposa, CA	96.3	KWIC	Beaumont TX	97.7	WABX	Detroit, Mich.	98.8	WBCL-FM	Bay City, Mich.	
KUBC-FM	Montrose, CO	94.1	KWIN	Lod, GA	97.7	WABZ-FM	Albemarle, N.C.		WBCL-FM	Boston, Mass.	
KUBS	Newport WA	90.8	KWIQ-FM	Moses Lake, Wash.	100.3	WACC	Arnold, MD	89.9	WBCU-FM	Bucyrus, O.	
KUAM-FM	Paana GU	91.5	KWIT	Sioux City, IA	90.3	WACE	Paris IL	96.3	WBCR-FM	Beloit, Wis.	
KUCA	Conway, AR	93.9	KWIZ-FM	Santa Ana, Calif.		WACI	Freeport, Ill.	92.1	WBCT	Milwaukee, WI	102.9
KUCR	Riverside, Cal.		KWJZ	Arlington, TX	94.9	WACL-FM	Waycross, GA	103.3	WBCT	Columbia, SC	90.5
KUCV	Lincoln, Neb.		KWKX-FM	Ablens, Tex.		WACM	Freeland, PA	103.1	WBDC	Huntersville, IN	100.9
KUDL	Kansas City, KS	98.1	KWKB	Kansas City, Ar.	93.3	WACM-FM	Tuscaloosa AL	103.3	WBDG	Indianapolis, Ind.	
KUDO	Las Vegas, NV	93.1	KWKK	Dardanelle, AR	102.3	WADB	Point Pleasant, N.J.	95.9	WBDY	Bluefield, WV	108.3
KUDU-FM	Ventura-Oxnard, Calif.		KWKQ	Anchorage AK	102.1	WADI	Corinth, MS	95.3	WBEA	Elyria, O.	
KUDY-FM	Sioux Falls, SD		KWKQ	Graham, TX	107.1	WADM-FM	Decatur, Ind.		WBEA-FM	Buffalo, NY	102.5
KUER	Salt Lake City, Utah		KWLD	Plainview, TX	91.5	WADY	Buffalo, N.Y.	106.5	WBES	Charleston WV	96.1
KUEZ	Yakima, WA	106.3	KWLW	Many, LA	107.1	WAEI-FM	Maricao, P.R.	96.1	WBET-FM	Brockton, Mass.	
KUFM	Missoula, MT	89.1	KWLW	San Angelo, Tex.		WAEH	Syracuse, N.Y.	95.9	WBET-FM	Beaufort, S.C.	
KUFO	Galveston, TX	106.6	KWMO	St. Louis, Mo.	103.3	WAEY-FM	Pricington WV	95.9	WBFB	Chillicothe, Ohio	
KUGS	Bellingham, WA	89.3	KWMS	St. Louis, Mo.	80.7	WAEZ	Akron OH	97.5	WBEB	Chicago, Ill.	
KUHF	Houston, TX		KWNT	St. Louis, Mo.	80.7	WAFB-FM	Baton Rouge, La.	96.1	WBFB	Detroit, Mich.	
KUHS	Roseville, CA	90.9	KWNS-FM	Pratt, Kan.		WAFG	Ft. Lauderdale FL	90.3	WBFB	Bloomfield Hills, MI	88.1
KUIB	Vernal UT	88.1	KWNT-FM	Davenport, Ia.		WAFI	Millford DE	97.7	WBFB	Seneca, S.C.	
KUIC	Vacaville, CA	95.3	KWOD	Farmington, Minn.	106.5	WAFM	Amory, MS	95.3	WBFO	Buffalo, NY	88.7
KUID	Moscow, ID	91.7	KWOD	Sacramento, CA	106.5	WAFR	Durham, NC	90.8	WBFG	Breckton, NJ	91.9
KULL	Walpahu HI	92.3	KWOB	Liberty, MO	91.9	WAFU	Valdosta, GA	101.1	WBGM-FM	Tallahassee, Fla.	
KULL	Scott City, KS	94.5	KWPM-FM	West Plains, MO	93.9	WAGI-FM	Gannett, SC	105.3	WBGM	Newark, N.J.	
KULM	Columbia TX	98.3	KWRP-FM	Warren, AR	105.5	WAGM	Athens, GA	104.7	WBGR-FM	Paris KY	98.7
KULP-FM	El Campo, Tex.	96.9	KWRS	Spokane, WA	90.3	WAGN	Amherst, Mass.	89.8	WBGU	Bowling Green, OH	89.1
KUMD-FM	Duluth, Minn.		KWRT-FM	Boonville, MO	99.3	WAGH	Huntsville AL	99.1	WBGW	Bangor ME	97.1
KUMM	Morris MN	89.7	KWRS	Spokane, WA	90.3	WAGS	Auburn Heights, MI	89.5	WBGY-FM	Ft. Worth, TX	93.3
KUMU-FM	Honolulu, HI	94.7	KWRT	Wayne, MI	91.9	WAGT	Wichita, KS	97.8	WBH	Chicago, Ill.	88.5
KUNA	San Luis Obispo CA	96.1	KWSC	Wayne, MI	106.7	WAGT	Springfield, Mass.	90.3	WBHM	Birmingham, AL	90.3
KUNC-FM	Greely, Colo.	91.9	KWST	Los Angeles, Cal.	105.3	WAGT	Clarkdale, MS	97.3	WBHR	Bellaire, OH	88.7
KUNR	La Canada, Cal.	90.9	KWTC-FM	Barstow, CA	94.3	WAIJ	Cincinnati, OH	88.3	WBHS	Brunswick ME	91.1
KUNI	Cedar Falls, Ia.	90.9	KWTO-FM	Springfield, MO	98.7	WAIN-FM	Columbia, Ky.		WBIE	Marietta, GA	101.3
KUNM	Albuquerque, N.M.	90.9	KWTS	Canyon TX	91.1	WAIJ	Jacksonville, FL	96.9	WBIF	Bedford, IN	105.5
KUNR	Reno NV	88.7	KWTX-FM	Waco, Tex.	97.8	WAJB	Pensacola, FL	107.3	WBIM-FM	Bridgewater MA	91.5
KUOA-FM	Siloam Springs AR		KWUR	Clayton, MO	90.3	WALC	Indianapolis, Ind.	90.8	WBIP-FM	Clinton, MS	99.3
KUOE	El Paso, TX	105.7	KWV	Columbia, Mo.	90.3	WAJP	Joliet, Ill.		WBIR-FM	Knoxville, Tenn.	
KUOH	Honolulu, Hawaii	95.8	KWV-FM	Stephenville, Tex.		WAJR-FM	Morgantown, W.Va.		WBIV	Watershed Township, N.Y.	107.7
KUOI-FM	Moscow, Ida.	89.3	KWWR-FM	Mexico, Mo.		WAKG	Danville VA	103.3	WBIZ-FM	Eau Claire, Wis.	
KUOP	Stockton, Calif.		KWXY-FM	Cathedral City, Cal.		WAKM	Bedford, Pa.		WBIB	Lineroff, NJ	90.8
KUOR-FM	Redlands, Cal.		KWYD	Security CO	105.8	WAKO-FM	Lawrenceville, Ill.		WBIC	Baltimore, Md.	
KUOW	Seattle, Wash.		KWYK	Aztec, NM	94.9	WAKQ	Russellville, KY	101.1	WBID	Trenton, N.J.	
KUPD-FM	Tempe AZ	97.9	KWYN-FM	Wynne AR	92.2	WAKS-FM	Fuquay-Varina, NC	103.9	WBIV	Orlando, FL	105.1
KUPI-FM	Idaho Falls, ID	99.1	KWYO	Sheridan, WY	96.5	WAKW	Cincinnati, OH		WBKE-FM	North Manchester, Ind.	89.5
KUPK-FM	Garden City, Kan.	96.5	KWYR-FM	Winner, SD	93.7	WAKX-FM	Duluth, MN	98.9	WBKR	Owensboro KY	92.5
KUPL	Portland OR	90.1	KWYT-FM	Salinas, CA	100.7	WALD-FM	Duluth, MN	98.9	WBKT	Brockport, NY	90.5
KUPS	Tacoma, WA	90.1	KXBG	Marysville, OR	96.1	WALD-FM	Waterboro, S.C.	100.9	WBKV-FM	West Bend, Wis.	
KURL-FM	Billings, Mont.		KXCV	Ontario, OR	96.1	WALF	Alfred NY	89.7	WBKW	Beck, W.Va.	
KURL-FM	Brookings, OR	95.3	KXCV	Marysville, OR	96.1	WALK-FM	Patchogue, N.Y.		WBKY	Luxington, Ky.	
KUSC	Los Angeles, Calif.		KXDD	Richland, WA	106.3	WALL-FM	Middletown, N.Y.		WBKZ	Glen Burnie, Md.	95.9
KUSD-FM	Ventura, S. Dak.		KXEL-FM	Waterloo, Iowa		WALM-FM	Marshall, Mich.		WBLD	Orchard Lake, MI	89.3
KUSF	San Francisco CA	90.3	KXEW-FM	Tucson AZ	93.7	WALP	Corinth, Miss.	90.5	WBLE-FM	Batesville, MS	95.9
KUSN-FM	St. Joseph, Mo.		KXFM	Santa Maria, Cal.		WALR-FM	Union City, TN	104.9	WBLI	Patchogue NY	108.1
KUSP	Santa Cruz, CA	88.9	KXGD	Arcata CA	85.8	WALS	Meridian, Miss.	97.1	WBLC-FM	Buffalo, N.Y.	
KUSU-FM	Logan, Utah		KYGR	Grand Rapids, MN	96.7	WALS	Selma, AL	100.9	WBLS-FM	Lawton-Auburn ME	107.5
KUT-FM	Austin, Tex.		KXJQ	Bend, OR	94.1	WAMO	Pittsburgh, PA	105.9	WBLS	New York NY	107.5
KUTE	Glendale, Cal.	101.9	KXJK-FM	Dahart, Tex.		WAMC	Albany, N.Y.		WBLS	Mobile AL	92.9
KUUL	Madera, CA	92.1	KXKX	Denver, CO	95.7	WAMC	Tallahassee, FL	90.5	WBLY-FM	Springfield, Ohio	102.9
KUZZ	Nampa, ID	96.9	KXKZ	Ruston, LA	107.1	WAMI-FM	Opp AL	102.3	WBMP	Elwood, IN	101.7
KUVR-FM	Holdrege, Neb.	97.9	KXLE-FM	Ellensburg WA	95.9	WAMO-FM	Pittsburgh, Pa.		WBMT	Telford, PA	89.7
KUWR	Laramie, Wyo.	91.9	KXLU	Los Angeles, Cal.		WAMR-FM	Ventno, FL	92.1	WBMT	Boxford, MA	88.3
KVCL-FM	Winnfield, La.		KXLY-FM	Souasne, Wash.		WAMU-FM	Washington, D.C.		WBMT-FM	Ashville, NC	91.1
KVCO	Concordia, KS	88.3	KXOA-FM	El Centro, CA	107.5	WAMX	Ashland, KY	93.7	WBNA-FM	Charlotte Amalie, V.I.	
KVCR	San Bernardino, Calif.		KXQA	Sacramento, Calif.		WAMZ	Louisville, KY	97.5	WBNC-FM	Conway, N.H.	
KVDB-FM	Stou Center IA	94.3	KXOL	Fort Worth TX	100.9	WANB	Waynesburg, PA	103.1	WBNL-FM	Boonville, Ind.	
KVEE-FM	Conway AR	105.1	KXOU-FM	Hot Springs, AR	106.3	WANC	Coldwater, Mich.	98.8	WBNO-FM	Bryan, OH	100.9

U.S. FM STATIONS BY CALL LETTERS

Call	Location	MHz	Call	Location	MHz	Call	Location	MHz	Call	Location	MHz
WBPM	Kingston, NY	94.3	WCNY-FM	Liverpool NY	91.3	WDMX	Uliver Hill TN	89.1	WEXP	Gadsden, AL	91.5
WBPR	Barrington, IL	88.5	WCOD	Hyannis, Mass.	106.1	WUOC-FM	Presonsburg, Ky.		WEZR	Manassas, Va.	
WBRZ-FM	Lock Haven, Pa.		WCOR-FM	Newnan, Ga.		WDDP-FM	Chattanooga, Tenn.		WEZB	Bethlehem, Pa.	95.1
WBQM	Decatur, AL	91.7	WCOL-FM	Columbus, Ohio		WDDH	Delphos OH	107.1	WEZV	Wauwatosa, Wis.	103.7
WBRE-FM	U. Clemons, Mich.		WCOR-FM	U. Clemons, Mich.		WDRU	Detroit, Mich.		WEZK	Scranton, Pa.	107.1
WBRK-FM	Pittsfield, Mass.		WCOR-FM	Cornelia, Ga.		WDDM	Providence, R.I.		WEZY-FM	Cocoa, FL	
WBRN-FM	Big Rapids, Mich.		WCOS-FM	Columbia, S.C.		WDUR-FM	Sturgeon Bay, Wis.		WEZZ	Clanton AL	97.7
WBRQ	Cidra PR	97.7	WCOS-FM	Lewiston, Maine		WDUW-FM	Dowagiac, Mich.	97.9	WFAA-FM	Dallas, Tex.	
WBRS	Waltham, Mass.		WCOW-FM	Sparta, Wis.		WDPS	Dayton, OH	90.1	WFAE	Columbus, OH	91.5
WBRT	Providence, RI	95.5	WCOZ	Boston MA	94.5	WDQN-FM	Du Quoin, Ill.	98.9	WFAH-FM	Alliance, Ohio	
WBSD	Burlington, WI	89.1	WCPA-FM	Clearfield, Pa.	93.7	WDRC-FM	Hartford, Conn.		WFAI-FM	Indianapolis IN	94.7
WBTF	Bideford ME	91.7	WCPC-FM	Houston, Miss.	89.3	WDRM	Decatur AL	102.1	WFAJ	Sharpsville, PA	95.9
WBSJ	Ellisville MS	102.3	WCPE	Raleigh, NC	93.1	WDRU	Drew, Miss.	95.3	WFAW-FM	Augusta, Maine	
WBSL	Sheffield MA	91.7	WCPI	Wheeling, WV	98.7	WDSB	Dillon, S.C.		WFAW-FM	Attinston, Wis.	107.3
WBST	Muncie, IN	92.1	WCPL-FM	PageLand, SC	102.3	WDSO	Dover, Dela.	94.7	WFBG-FM	Greenville, S.C.	
WBT-FM	Charlotte, N.C.		WCRB	Waltham, MA	102.5	WDSO	Chesteron, IN	89.1	WFBG-FM	Flint, Mich	
WBTO-FM	Linton, Ind.	93.8	WCRC	Effingham, IL	95.7	WDTH	Duluth, Minn.	103.3	WFBG-FM	Altoona, Pa.	
WBTR-FM	Carrollton, Ga.	92.1	WCRC	Bluffton, Ind.		WDTR	Detroit, Mich.		WFBG-FM	Indianapolis IN	94.7
WBUF	Buffalo, N.Y.		WCRF	Cleveland, OH	103.3	WDRB	Granville, Ohio		WFCI	Franklin, Ind.	
WBUR	Columbus, O.	96.3	WCRS	Williamsport, MD	90.5	WDUR	Havana, Ill.	99.3	WFCJ	Miamisburg, OH	93.7
WBUR	Boston, MA	90.9	WCRN	Charlotte Amalie, VI	101.1	WDUX	Pittsburgh, Pa.		WFCR	Amherst, Mass.	
WBUT-FM	Butler, PA	97.7	WCRQ-FM	Arab, AL	92.7	WDUX-FM	Waupaca, Wis.		WFCR	New Britain CN	90.1
WBWC	Berea, OH	88.3	WCRR-FM	Greenwood, SC	96.7	WDVZ-FM	Green Bay, Wis.		WFDJ-FM	Winston-Salem, N.C.	
WBXB	Edenton, NC	100.1	WCRT	Danville, IN	107.1	WDVZ-FM	Pittsburgh, Pa.	102.5	WFDL-FM	Manchester, Ga.	
WBXL	Baldwinville, NY	90.5	WCRT	Danville, IN	107.1	WDVZ-FM	Vineand, N.J.	92.1	WFDL-FM	Baton Rouge, La.	
WBYS	Kanawha, WV	99.9	WCRT	Danville, IN	107.1	WDVZ-FM	Washington, D.C.	95.1	WFDL-FM	Columbia City, Ind.	106.3
WBYS	Bayamon, P.R.		WCRT	Danville, IN	107.1	WDVZ-FM	Philadelphia, Pa.	92.1	WFDL-FM	Teaneck, N.J.	89.1
WBYD	Boyetown, Pa.		WCRT	Danville, IN	107.1	WDVZ-FM	Dawson, Ga.	92.1	WFEM	Ellwood City, Pa.	92.1
WBYV	Canton, Ill.	98.5	WCRT	Danville, IN	107.1	WDVZ-FM	Auburn NY	88.9	WFFC-FM	Columbia, Miss.	
WBYQ	Hardersonville TN	92.1	WCRT	Danville, IN	107.1	WDVZ-FM	Campan, Ill.		WFFM	Muskegon, Mich.	
WBYU	New Orleans, La.	95.7	WCRT	Danville, IN	107.1	WDVZ-FM	Lawrenceburg, Tenn.		WFFM	Front Royal Va.	99.3
WBZ-FM	Boston, Mass.		WCRT	Danville, IN	107.1	WDVZ-FM	Lexington, Tenn.		WFGH	Fort Gay, W. Va.	90.7
WBZ	Richmond, KY	101.7	WCRT	Danville, IN	107.1	WDVZ-FM	Chester, Va.	92.1	WFGH-FM	Henderson, Tenn.	
WBZI	Xenia, O.		WCRT	Danville, IN	107.1	WDVZ-FM	Chattanooga, Tenn.	89.7	WFGH-FM	Louisville KY	103.9
WCAA	Kalamazoo MI	89.9	WCRT	Danville, IN	107.1	WDVZ-FM	Decatur, IL	95.1	WFGH-FM	Rio Piedras, P. R.	
WCAK	Cattitagus KY	92.9	WCRT	Danville, IN	107.1	WDVZ-FM	Baltimore, MD	88.9	WFGH-FM	Suncoast, Fla.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Eden, N.C.	94.5	WFGH-FM	Fairmont, WV	97.9
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Savannah, Ga.		WFGH-FM	Bristol, TN	96.9
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	West Palm Beach, Fla.		WFGH-FM	Melbourne, Fla.	91.1
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Eau Claire, Wis.		WFGH-FM	Bloomington, Ind.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Pittsburgh, N.Y.	95.7	WFGH-FM	Fairfield, Ill.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Olean, N.Y.	105.5	WFGH-FM	Conneaut, O.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Camilla, GA	102.7	WFGH-FM	Sanford, NC	105.5
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Cincinnati OH	101.7	WFLA	FM Tampa, Fla.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Owego NY		WFLC	Canandaigua, Ny.	93.5
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Harrisburg, Ill.		WFLM	Green Bay, WI	103.9
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Richmond, Ind.		WFLM	Philadelphia, Pa.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Eikhorn City, KY	103.1	WFLM	Green Bay, WI	95.7
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Clarkston, GA	106.1	WFLM	Farmville, Va.	98.9
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Geneva, NY	101.7	WFLM	Dunder, N.Y.	98.9
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Elmira, NY	88.1	WFLM	Fredericksburg, Va.	93.3
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Grove City, Pa.		WFLM	Franklin, Tenn.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Indianapolis, Ind.	91.1	WFLM	Monticello, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Miami, Fla.		WFLM	Troy, N.Y.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Springfield, O.	92.7	WFLM	Rocky Mount, N.C.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Taylorville, Ill.		WFLM	Springfield, Ill.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Boston, Mass.		WFLM	Frederick, Md.	94.7
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Port Charlotte, FL	100.1	WFLM	Newark, NJ	102.5
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Port Clinton, OH	91.7	WFLM	Baton Rouge, LA	92.1
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Pittsburgh, Pa.		WFLM	Grand Haven, MI	98.9
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Warrenton, Va.		WFLM	Montgomery AL	98.9
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Waukegan, Ill.		WFLM	Washington, Ind.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Wheaton, Ill.		WFLM	Johnstown, Pa.	92.1
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Winchester, Va.	99.5	WFLM	Newburgh, N.Y.	91.3
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Kettling, OH	91.1	WFLM	Lebanon, Tenn.	104.5
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Appleton, WI	105.7	WFLM	Fitchburg, Mass.	86.7
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Chicago, Ill.	88.7	WFLM	Lebanon, Pa.	98.7
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Cynthiana, Ky.	102.3	WFLM	Indianapolis, Ind.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Lancaster, Pa.		WFLM	Chicago, Ill.	98.7
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Meridian, MS	94.7	WFLM	East Orange, N.J.	106.3
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Dayton, OH	101.3	WFLM	Blairstown NJ	98.7
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Darlington, S.C.	98.9	WFLM	Madisonville, Ky.	98.7
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Philadelphia, Pa.	104.3	WFLM	Statesville, N.C.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Davidson NC	90.5	WFLM	Allentown, Pa.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Fargo, N.D.		WFLM	Forysth GA	97.1
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Dubois, Pa.	107.3	WFLM	Lancaster Pa.	88.7
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Tawas City MI	101.7	WFLM	Escanaba, MI	104.7
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Rookoke, Va.		WFLM	Racine, Wis.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Blackwood, NJ	91.5	WFLM	Fosteria, Ohio	92.9
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Springfield, Tenn.		WFLM	Suffolk-Norfolk, VA	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Medina, O.		WFLM	Fond du Lac, Wis.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Springfield, Tenn.		WFLM	Chesapeake, Va.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Orlando, Fla.	98.7	WFLM	FOX Gainesville, Ga.	97.1
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Dubuque, Iowa	103.7	WFLM	St. Augustine, Fla.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Springfield, Ill.	107.1	WFLM	Atlantic City, N.J.	98.9
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Glen Ellyn, IL	90.9	WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Sanford NC	89.5	WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Richmond, VA	90.1	WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Hamden, Conn.	105.1	WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Chattanooga, Tenn.	92.3	WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Ellsworth, Me.		WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Jamesstown, Tenn.		WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Chattanooga, Tenn.		WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Sweetwater, Tenn.		WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Macon, Ga.	105.3	WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	DeKalb, IL	92.5	WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	De Graff, Ohio	91.1	WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Chicago, IL	89.3	WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Marion, OH	107.1	WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Wausau WI	101.9	WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Battle Creek, MI	95.3	WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Downers Grove, Ill.		WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Downers Grove, Ill.		WFLM	Louisville, Ky.	
WCAE	Wilmington, NC		WCRT	Danville, IN	107.1	WDVZ-FM	Downers Grove, Ill.		WFLM	Louisville,	

U.S. FM STATIONS BY CALL LETTERS

Call	Location	MHz	Call	Location	MHz	Call	Location	MHz	Call	Location	MHz
WGCL	Cleveland, Ohio	98.5	WHLM-FM	Bloomsburg, Pa.		WITA-FM	San Juan, P.R.		WKBJ-FM	Milan, Tenn.	
WGCR-FM	Wellsboro, Pa.	97.7	WHLQ	Canton OH	106.9	WITB-FM	Salem, WV	91.1	WKBL-FM	Covington, Tenn.	
WGCS	Goshen, Ind.		WHLT-FM	Huntington, Ind.		WITF-FM	Hershey, Pa.	89.5	WKBN-FM	Youngstown, Ohio	
WGDR	Plainfield VT	91.1	WHLY	Leesburg, FL	106.7	WITL-FM	Lansing, Mich.		WKCB-FM	Hindman, KY	107.1
WGEA-FM	Geneva AL	93.5	WHMA-FM	Anniston AL	100.5	WITU	Ironton OH	107.1	WKCC	Grayson, KY	91.5
WGEC	Springfield, GA	103.9	WHME	South Bend, Ind.		WITR	Henrietta, NY	89.7	WKCI	Hartford, CT	101.3
WGEW-FM	Quincy, Ill. (9)		WHMM-FM	Sauk Rapids, MN		WITF	Tuscola, IL	93.5	WKCN	Williamson, WV	96.5
WGER-FM	Bay City, Mich.	102.5				WIVA-FM	Madillac, MI	96.7	WKCO	Gambler, OH	99.9
WGET-FM	Geltsburg, Pa.					WITZ-FM	Jasper, Ind.		WKQU	Saginaw, MI	98.1
WGEV	Beaver Falls, Pa.		WHMP-FM	Northampton, MA	99.3	WIUC	Winchester, Ind.		WKCR-FM	New York, N.Y.	
WGFQ	Lake City, SC	93.3	WHMQ	Findlay, OH	100.6	WIUJ	St. Thomas, VI	88.9	WKCS	Knoxville, Tenn.	
WGFN	Schenectady, N. Y.		WHMT-FM	Howell, MI	93.5	WIUP-FM	Indiana, Pa.	91.3	WKDD	Akron, OH	96.5
WGFH	Glen Falls, NY	91.9	WHNN	Bay City MI	96.1	WIUS	Christiansted, V.I.		WKDE-FM	Altavleta, VA	105.5
WGFJ	Greensboro, N. C.	90.7	WHNR	McMinnville, Tenn.	103.9	WIVF-FM	Castleton, VT	91.3	WKDF	Nashville, TN	103.3
WGFK	Glasgow, Ky.		WHOD-FM	Jackson AL	104.9	WIVG	Santhilla, P.R.	100.3	WKDJ	Winchester, KY	100.1
WGLL-FM	Houghton, Mich.		WHOK-FM	Lancaster, Ohio		WIVC	Peoria, Ill.		WKUN-FM	Camden, N.J.	
WGLM	Castalia, OH	97.7	WHOM	Mount Washington, NH	94.9	WIVE-FM	Ashland, Va.		WKDD-FM	Liberty, KY	105.5
WGLN	Buford, Ga.	102.3				WIVI-FM	Cristiansted, St. Croix, V.I.		WKDD	Henderson, KY	99.5
WGLP	Waupin, WI	99.3	WHOO-FM	Orlando, Fla.		WIVK-FM	Knoxville, Tenn.		WKDU	Philadelphia, PA	91.7
WGLR	Duluth, Minn.	105.1	WHOP-FM	Hopkinsville, Ky.		WIVY-FM	Jacksonville, Fla.		WKDZ-FM	Cadiz KY	106.8
WGH-FM	Newport News, Va.		WHOU-FM	Houlton, ME	100.1	WIXK-FM	New Richmond, WI		WKEE-FM	Huntington, WV	100.5
WGHM	Glen Eilyn, Ill.	88.5	WHOV	Hampton, Va.					WKEL-FM	Kewanee, Ill.	
WGIL-FM	Garburg, Ill.		WHOW-FM	Clifton, IL	95.9	WIXL-FM	Newton, N. J.		WKES	Peetola, MO	101.5
WGIR-FM	Manchester, NH	101.1	WHPF-FM	Harrisburg, Pa.		WIXN-FM	Dixon, Ill.		WKET	Kettering, OH	89.5
WGIT	Hormigueros, PR	92.1	WHPG-FM	Gardon City, NY	90.3	WIXQ	Millersville, PA	91.7	WKEU-FM	Griffin, Ga.	
WGLB-FM	Port Washington, Wis.		WHPE-FM	High Point, N.C.		WIXX	Green Bay, WI	101.1	WKEY-FM	Covington, Va.	
WGLC-FM	Mendota, Ill.		WHPH	Hanover, N.J.		WIYU-FM	Palatka FL	99.9	WKEZ	Norfolk, VA	95.7
WGLO	Ft. Lauderdale FL	106.7	WHPK-FM	Chicago, Ill.		WIYU-FM	Edenburg PA	99.1	WKFM	Fulton NY	104.7
WGLS-FM	Glassboro, N. J.		WHPR	Highland Park, MI	88.1	WIZF-FM	St. Cross, WI		WKFR-FM	Battle Creek, MI	103.3
WGLT	Norman, IL	89.1	WHPW	Huntington, WV	89.3	WIZR-FM	Johnstown, NY	104.9	WKGQ	Cumberland Md.	106.1
WGLY	Goulds, FL	98.3	WHRB-FM	Cambridge, Mass.		WJAC-FM	Johnstown PA	95.5	WKGW	Utica, NY	104.3
WGMB	Georgetown, SC	97.7	WHRM	Albany, N.Y.	97.1	WJAD	Bainbridge, GA	97.3	WKHR	Bainbridge, OH	88.3
WGMC	Greece NY	90.1	WHRN	Wausau, Wis.		WJAU-FM	Norfolk, NE	106.7	WKHR	Pikeville KY	92.1
WGMO	Shell Lake, WI	95.3	WHRW	Boynnton Beach, FL	90.7	WJAI	Eaton, OH	100.9	WKHS	Worton MD	90.5
WGMR	Tyrona, PA	101.1	WHRZ	Blngnamton, N.Y.		WJAJ	Marianna, FL		WKIG-FM	Glennville, GA	106.3
WGMS-FM	Washington, D.C.		WHSA	Bruis, Wis.	97.7	WJAX-FM	Swainsboro, Ga.		WKIJ	Bowling Green, OH	93.5
WGMS-W	Riviera Beach, Fla.	94.3	WHSB	Alpena, Mich.		WJAX-FM	Jacksonville, Fla.		WKIR	Jacksonville, NC	96.7
WGTC	Flint, MI	97.9	WHSB	Hinsdale, Ill.	88.5	WJAZ	Albany, Ga.		WKIT	Hendersonville, NC	102.5
WGNU	Albany, NY	107.7	WHSJ	Albany NY	106.5	WJBD-FM	salem IL	100.1	WKJB-FM	Mayaguez, P. R.	
WGNU-FM	Granite City, Ill.		WHSK	Kokomo, IN	89.1	WJBI	Clarksdale MS	101.7	WKJR-FM	Muskegon Heights MI	
WGOH-FM	Grayson, Ky.		WHSN	Bangor, ME	89.3	WJBK-FM	Detroit, Mich.		WKKC	Chicago, IL	89.3
WGOJ	Lynchburg, VA	98.3	WHSR-FM	Winchester, Mass.	91.9	WJBL-FM	Holland, Mich.		WKKD-FM	Aurora, Ill.	
WGOS-FM	Miami, Fla.		WHSX	Hamilton, OH	89.5	WJBT-FM	Jerseyville, Ill.		WKJJ	Green Cove Springs, FL	92.7
WGOV-FM	Valdosta, Ga.	106.3	WHSY-FM	Hattiesburg, Miss.	92.7	WJBU-FM	Searborough, ME	108.3	WKKL	West Barnstable, MA	91.1
WGPA-FM	Bethlehem, Pa.		WHTC-FM	Holland, Mich.		WJBW-FM	Hampton, S.C.	103.1	WKLM	Harrison, MI	92.1
WGPC-FM	Albany, Ga.		WHTG-FM	Eatontown, N.J.	106.3	WJCU-FM	Seymour, Ind.		WKKY	Moss Point, MS	104.9
WGPR	Detroit, Mich.	107.5	WHTT	Moline, IL	96.9	WJCR	Hensler, PA	97.7	WKLA-FM	Ludington, Mich.	106.3
WGPS	Greensboro, N.C.		WHUB-FM	Cookeville, Tenn.		WJCS	Swannah GA	96.5	WKLC-FM	St. Albans, W.Va.	
WGRD-FM	Grand Rapids, Mich.	97.9	WHUC-FM	Hudson, N.Y.		WJCH	Washington PA	88.3	WKLF-FM	Clanton, Ala.	97.7
			WHUD	Peekskill NY	100.7	WJCT-FM	Jacksonville, FL	89.9	WKLH	Montgomery AL	92.9
WGRE	Greencastle, Ind.		WHUR	Washington DC	95.3	WJDB-FM	Thomasville AL	95.3	WKLK-FM	Cloquet MN	100.9
WGRF	Pleasantville NJ	99.3	WHUS-FM	Storrs, Conn.		WJEE	Jacksonville, FL	107.8	WKLN	Cullman AL	92.1
WGRK-FM	Greensburg, KY	103.1	WHVS	Hyde Park, NY	97.7	WJEF-FM	Gallipolis, OH	101.5	WKLK-FM	Keyser WV	94.1
WGRN	Greenville, Ill.		WHWB-FM	Rutland, VT.	98.1	WJEL	Indianapolis, IN	89.1	WKLK-FM	Toledo, O.	99.9
WGRP-FM	Greenville, Pa.		WHWC	Colfax, Wis.		WJEM	Doover, OH	101.7	WKME	Gardner, ME	104.3
WGRQ	Buffalo NY	98.9	WHWE	Howe, Ind.	89.7	WJFD-FM	New Bedford, MA	97.3	WKMG	Dearborn, Mich.	
WGRV	Danville, IN	107.1	WHWL	Marquette, MI	95.7	WJFM	Grand Rapids, Mich.		WKMS-FM	Murray, Ky.	91.3
WGSU	Geneseo, N.Y.		WHYD-FM	Columbus, Ga.	107.5	WJGA	Jackson, MS	96.3	WKMX	Enterprise, AL	106.7
WGSY	Peru, Ill.	100.9	WHYL-FM	Carlisle, Pa.		WJGR	Jackson, GA	92.1	WKNN	Keene, NH	89.1
WGTA-FM	Washington, D.C.		WHYN-FM	Springfield, Mass.		WJGS	Houghton Lake, Mich.	96.5	WKNC-FM	Raleigh NC	88.1
WGTC	Bloomington, IN	92.3	WHYP-FM	North East, Pa.	100.9	WJHC	Portsmouth, RI	96.3	WKNO-FM	Memphis, TN	91.1
WGTH	Richlands, VA	105.5	WHYS-FM	Hattiesburg, Miss.		WJHL-FM	Johnson City, Tenn.	90.3	WKNS	Kingsport, TN	90.5
WGTD	Kenosha, WI	91.1	WIAA	Interlochen, Mich.	104.5	WJIB-FM	Boston MS	98.9	WKNT-FM	Kent, OH	100.1
WGTE	FM Toledo, OH	91.3	WIAB	Key West, FL	95.5	WJIG-FM	Tullahoma, Tenn.		WKNU	Brewton, AL	106.3
WGTF	Germantown, TN	93.3	WIAI	Danville, Ill.	99.1	WJIM-FM	Lansing, Mich.		WKOC	Kankakee, IL	
WGTH	Richlands, VA	105.5	WIAL	Eau Claire, Wis.		WJIQ	Pensacola, FL	100.7	WKOF	Hopkinsville, Ky.	
WGTS-FM	Takoma Park, Md.		WIAP	Indianapolis, IN	90.1	WJJC	Cherry Valley, N.Y.		WKOG-FM	Gordon, GA	107.1
WGUC	Cincinnati, Ohio		WIAR	Indianapolis, IN	101.5	WJJD	Amy, Ga.	91.8	WKOM	Columbia TN	101.7
WGUD	Pascagoqua, MS	106.3	WIAS	Indianapolis, IN	90.3	WJJE	Lafayette IN	91.0	WKOV-FM	Wellston, OH	96.7
WGUF-FM	Gulfport, MS	96.7	WIAT	Danville, Ill.	99.1	WJLF-FM	Lewisburg, Tenn.	94.3	WKOZ-FM	Kosciusko, Miss.	
WGUL-FM	New Port Richey, Fla.	105.5	WIB	Waverly, Ohio	100.9	WJLR	Millinburg, PA	98.3	WKPS	New Wilmington, Pa.	88.9
			WIBM-FM	Jackson, Mich.		WJLN	North Adams MA	91.1	WKPT-FM	Kingsport, TN	98.5
WGUS-FM	Augusta, Ga.		WIBQ	Utica, NY	94.9	WJLK	Elgin, IL	97.5	WKQD	Henderson KY	92.8
WGVE	Gary, Ind.		WIBS	Charlotte Amalie, VI	97.9	WJLC-FM	South Boston VA	97.5	WKQQ	Chicago, IL	98.1
WGVL	Gainesville FL	105.5	WIBT	FM Topeka, Kan.	99.3	WJLE-FM	Smithville, Tenn.	101.7	WKRA-FM	Holly Springs, MS	101.1
WGVO	Greenville, OH	91.7	WIBZ	Parkersburg, WV	97.9	WJLF-FM	Asbury Park, N.J.		WKRG-FM	Mobile AL	99.9
WGWG	Bolling Springs, NC	89.3	WIBC	Ithaca, N.Y.		WJLJ	Salem, VA	93.5	WKRR	Cincinnati OH	101.9
WGXM	Dayton OH	88.1	WICN	Worcester, Mass.	90.5	WJLN	Birmingham AL	104.7	WKRT-FM	Cortland, NY	99.9
WGYL	Vero Beach, Fla.	93.5	WICO-FM	Salisbury, Md.	94.3	WJLO	Orange, VA	96.1	WKRV	Vandalla, IL	96.7
WHAD	Delafield, Wis.		WIDR	Indianapolis, IN	88.7	WJLP	Rice Lake, Wis.		WKRX	Roxboro, NC	96.7
WHAI-FM	Greenfield, Mass.		WIDF-FM	Elizabethton, TN	99.3	WJMD	Bethesda, MD	94.7	WKSA-FM	Isabela, PR	101.5
WHBJ	Bluefield, WV	104.5	WIDE-FM	Biddeford, ME	94.5	WJMF	Smithfield, RI	91.5	WKSI	Eldorado, IL	102.3
WHAV-FM	Haverhill, Mass.		WIDR	Kalamazoo, MI	89.1	WJMJ	Jackson, MS	99.7	WKSL	Mobile, AL	94.9
WHAY	Aberdeen, MS	105.8	WIFF-FM	Auburn, Ind.		WJML-FM	Hartford CN	88.9	WKSN	Waynesboro PA	94.3
WHBB-FM	Selma, Ala.		WIFI	Philadelphia, Pa.		WJMS	FM Petoskey, Mich.	88.9	WKSS	Hartford, Conn.	95.7
WHBC-FM	Canton, Ohio		WIFM	Franklin, Ind.		WJMT	FM Merrill, WI	93.8	WKSW	FM Kent, Ohio	99.5
WHBF-FM	Rock Island, Ill.		WIFN	Franklin, Ind.		WJMU	Deatur, Ill.	89.9	WKTA	Cleveland, OH	99.5
WHBM-FM	Xenia, Ohio		WIFQ-FM	Jessup, GA	105.5	WJNV-FM	Atlantic Beach, Fla.	104.9	WKTB	McKenzie, TN	106.9
WHCG	Metter, GA	104.9	WIFR	Miami, FL	107.5	WJNY-FM	Johnstown PA	98.5	WKTC	Tarboro, NC	104.3
WHCI	Savannah, GA	88.5	WIFG-FM	Medford, Wis.	99.3	WJOD	Iron Mt, MI	103.9	WKTI	Millwaukee, WI	94.5
WHCL-FM	Clinton, NY	88.7	WIGV	Bath, ME	105.9	WJOS	Yazoo City, MS	92.1	WKTK	Farlington ME	99.3
WHCN	Hartford, Conn.		WIHN	Normal IL	96.7	WJOT	Athens AL	104.3	WKTL	Struthers, OH	90.7
WHCU-FM	Ithaca, NY		WIHS	Middletown, Conn.		WJOI	Pittsburgh, PA	99.7	WKTM	Charleston, SC	102.5
WHDG	Havre De Grace MD	103.7	WIHU	Chicago, IL	88.9	WJOJ	Pleacyune MS	106.3	WKTN	Kenton, Ohio	95.3
WHEB-FM	Portsmouth, NH	100.3	WIIS	Key West, FL	107.1	WJOX-FM	Jackson, MI	106.1	WKTU	New York, NY	92.3
WHEI	Timn, OH	88.9	WIISL	Wilmington, NC	97.3	WJPA-FM	Washington, PA	95.3	WKUB	Manitowoc, Wis.	
WHEN-FM	Syracuse, N.Y.		WIK	Centerville, TN	96.7	WJPD	Lapeer, MI	88.9	WKVC	FM Saratoga, N.Y.	
WHER	Hattiesburg, MS	103.7	WIKI-FM	Chester, Va.		WJRF-FM	Fredonia, NY	96.3	WKVI-FM	Knox, Ind.	99.3
WHFZ	Huntington, WV	103.3	WIKY-FM	Evansville, Ind.		WJRH	Easton, PA	90.5	WKVM-FM	San Juan, PR	105.7
WHFB-FM	Benton Harbor, MI		WIL-FM	St. Louis, MO	92.3	WJRS	Jamestown, KY	104.9	WKVO-FM	Havelock, NC	104.9
			WILE-FM	Cambridge, O.		WJRT	Ship Bottom, NJ	100.1	WKVR-FM	Huntingdon, Pa	91.7
WHFC	Bel Air MD	99.9	WILM-FM	Urbana, Ill.		WJSC-FM	Johnson VT	91.8	WKVT-FM	Brattleboro, VT	92.7
WHFD	Archbold, OH	95.5	WILQ-FM	Frankfort, Ind.		WJSK	Lumberton, N. C.	102.3	WKWI	Kilmarnock, VA	

U.S. FM STATIONS BY CALL LETTERS

Call	Location	MHz	Call	Location	MHz	Call	Location	MHz	Call	Location	MHz
WLAK	Chicago IL	93.9	WMBN-FM	Petoskey, Mich.		WMBX	Lake Forest IL	88.9	WOPA-FM	Oak Park Ill.	90.3
WLAN-FM	Laneaster, Pa.		WMBW	Chattanooga TN	88.9	WMBY-FM	Myrtle Beach, Fla.		WOPR	Oak Park, Ill.	
WLAF-FM	Lexington, Ky.		WMC-FM	Memphis, Tenn.		WMBZ-FM	Elizabeth City NC	93.7	WOPR-FM	Mayaguez, P.R.	
WLBF-FM	Conway, S.C.		WMCB	Michigan City, Ind.		WMCY-FM	Ft. Myers, Fla.		WORG-FM	Orangeburg, SC	103.9
WLAV-FM	Grand Rapids, Mich.		WMCD	Statesboro, Ga.		WMYS	New Bedford MA	98.1	WORJ-FM	Mt. Dora, Fla.	107.7
WLAX	Streator, IL	97.7	WMCF	Stuart, Fla.		WNAA	Greensboro, NC	90.5	WOKK	Barre, VT	107.1
WLAY-FM	Muscle Shoals AL		WMCO	New Concord, Ohio		WNAW	Dayton, Ohio	106.3	WUHM-FM	Savannah, Tenn.	92.5
WLBC-FM	Muncie, Ind.	105.5	WMCR-FM	Oneida NY	106.3	WNAW	Indianapolis, Ind.	93.1	WORO	Corozal, P.R.	
WLBE-FM	Leesburg, Fla.	106.7	WMCU	Miami, Fla.	89.7	WNAS	New Albany, Ind.		WORT	Madison, WI	91.7
WLBG-FM	Lansburg-Gilston, S.C.		WMCK	W. Long Branch,		WNAH	Nashua, Miss.		WORW	Port Huron MI	91.9
WLBH-FM	Mattoon, Ill.					WNAU-FM	New Albany, MS	103.3	WORX-FM	Madison, Ind.	
WLBK-FM	Bowling Green, Ky.		WMDC-FM	Hazelhurst, MS	100.9	WNAV-FM	Annapolis, Md.		WOSH	Oakhosh, WI	103.9
WLCB-FM	Hodgenville, KY	89.9	WMDD-FM	Fajardo, P.R.		WNAZ-FM	Nashville, Tenn.		WOSM	Ocean Springs, Miss.	103.1
WLCB-FM	Southport, NC	105.3	WMDE	Greensboro, N.C.		WNBD-FM	Daytona Beach, Fla.		WOSS	Ossining, NY	90.3
WLCH	Lebanon, TN	89.7	WMDF	Milton, WI	89.9	WNBI-FM	Park Falls, WI	99.3	WOBU-FM	Columbus, Ohio	
WLCK-FM	Scottsville, Ky.		WMDH	New Castle IN	102.3	WNBX-FM	Keene, NH	103.7	WOTB	Midletown, RI	107.1
WLCL-FM	Lowell IN	107.1	WMLD	McKean, Pa.	102.3	WNCB-FM	Newber, MI	93.5	WOTW-FM	Watertown, N. Y.	97.3
WLCR	Lawrence Twp, NJ	89.7	WMDM-FM	Lexington Park, MD	97.7	WNCB	Burlington-Gorham NC	101.1	WQUB-FM	Athens, Ohio	
WLDM	Detroit, Mich.	95.9	WMEA	Portland ME	90.1	WNCE	Lancaster, PA	101.3	WYOU	Chicago, IL	88.9
WLDS-FM	Jacksonville, Ill.		WMEB-FM	Orono, Maine		WNCF	Washington-Columbus, O.		WYOU	Utica NY	96.9
WLDR	Traverse City, Mich.	101.9	WMEF	Ft. Wayne IN	97.3	WNCR	New York, NY	104.3	WYOU	Welsh, W. Va.	
WLEN	Adrian, MI	103.9	WMEH	Bangor, ME	90.9	WNCQ-FM	Ashland OH	101.3	WYOU	Novi, MI	89.5
WLEQ	Immokalee, FL	95.9	WMEI-FM	Presque Isle, Me.	106.1	WNCQ-FM	Fort Worth, TX	96.7	WYOU	Perry, KY	105.8
WLET-FM	Toccoa, Ga.		WMEJ	Celina, Ohio		WNCY	Springvale, Me.	91.1	WYOU	Pt. Pierce, FL	
WLEW-FM	Bad Axe, Mich.		WMET	Chicago, IL	95.5	WNCZ	Huntsville AL	95.1	WYOU	Tallahassee, FL	101.9
WLFC	Findlay OH	88.3	WMEV-FM	Marion, Va.		WNDH	Napoleon OH	103.1	WYOU	Rossville, GA	105.5
WLFM	Appleton, WI	91.1	WMEZ	Pensacola FL	84.1	WNDN-FM	Salisbury, NC	91.1	WYOU	Norfolk, Va.	102.9
WLFQ	Crawfordsville, IN	103.9	WMFC-FM	Monroeville AL	99.3	WNDU-FM	South Bend, Ind.		WYOU	Norway, ME	92.7
WLHI	Fort Wayne, IN	88.3	WMFG-FM	Wilmington, N.C.		WNEA	Crawfordsville, Ind.	91.7	WYOU	Oxford, Ohio	
WLHN	Anderson IN	97.9	WMFH	Medford, Mass.	91.6	WNEB-FM	Keene, N.H.	95.7	WYOU	Mayaguez, P.R.	
WLHS-FM	West Chester, PA	89.9	WMFP	Ft. Lauderdale, Fla.		WNEC-FM	Buffalo, NY	94.5	WYOU	Andover, Mass.	
WLIF	Baltimore, Md.	101.9	WMFQ	Ocala, FL	92.7	WNEE-FM	Central City, KY	101.9	WYOU	Ponce, P.R.	
WLIH-FM	New London, Wis.		WMFR-FM	High Point, N.C.		WNEF-FM	New York, N.Y.		WYOU	Patchogue, N.Y.	
WLIL-FM	Lenoir City, Tenn.		WMFV	Waukegan, IL	95.9	WNEH-FM	Mason, Ga.	104.9	WYOU	Paduah, Ky.	
WLIN	Jackson, MS	95.5	WMGG	Philadelphia, PA	102.9	WNEI	Dayton, TN	104.9	WYOU	Ann Arbor, Mich.	107.1
WLIP-FM	Kenosha, Wis.	95.1	WMGL	Pulaski, Tenn.	98.3	WNEJ	Athens, Ga.	95.9	WYOU	Lancaster, SC	107.1
WLIR	Grand City NY	92.7	WMGM	Atlantic City, N.J.		WNEK	West Haven CT	88.7	WYOU	Panama City, Fla.	92.5
WLIU	Lincoln Univ., PA	88.7	WMGQ	New Brunswick, NJ	98.3	WNNV-FM	White River Junction, VT		WYOU	Paterson, N.J.	
WLIV-FM	Livingston, Tenn.		WMGW	Meadville, PA		WNIC-FM	Dearborn MI	100.3	WYOU	Portsmouth, Ohio	
WLJC	Beattyville, KY	102.3	WMGX	Portland, ME	93.1	WNIC-FM	Arcadia, P.R.	95.3	WYOU	Bangor, ME	92.9
WLJE	Valparaiso, IN	106.8	WMHB	Waterville ME	91.6	WNIC-FM	Miles, Mich.	88.5	WYOU	Midletown, OH	105.9
WLJS-FM	Jacksonville, AL	91.9	WMHU	South Hadley, Mass.		WNIC-FM	Dekalb, Ill.	90.1	WYOU	Champaign, IL	97.7
WLKA	Ansoia, IN	90.3	WMHJ	Toledo, Ohio		WNIC-FM	Senatobia, Miss.	90.1	WYOU	Desatur, GA	94.9
WLKL	Mattoon, IL	90.3	WMHK	Columbia, SC	89.7	WNIC-FM	Newark OH	101.7	WYOU	Plymouth NH	90.3
WLKM-FM	Three Rivers, MI	95.9	WMHJ	Syracuse, N.Y.	102.9	WNIC-FM	Indianola, Miss	105.5	WYOU	Pensacola, Fla.	89.3
WLKN-FM	Lincoln, ME	89.3	WMHS	Morrison IL	90.7	WNIC-FM	N. Myrtle Beach SC	105.5	WYOU	Poughkeepsie NY	101.5
WLKR-FM	Norfolk, OH	95.3	WMHT-FM	Mt. Pleasant MI	91.5	WNIC-FM	Marquette, MI	90.1	WYOU	Portage, Wis.	
WLKW-FM	Providence, RI	101.5	WMHT-FM	Schenectady NY	89.1	WNIC-FM	Waukegan, IL	95.9	WYOU	Clarksville, TN	104.9
WLLI-FM	Joliet, IL	106.3	WMIB	St. Louis, Mo.	92.7	WNIC-FM	Wisconsin Dells, WI	107.1	WYOU	Exeter NH	90.5
WLLS-FM	Hartford, KY		WMIL	Waukesha, WI	106.1	WNIC-FM	Warsaw, Va.		WYOU	Concord, N.C.	97.9
WLMB	Jefferson-Village Twp. OH	88.9	WMIT	Black Mountain, N.C.		WNIC-FM	Cleveland, Ohio		WYOU	Louisville, GA	92.1
WLMC	Okeechobee, Fla.		WMIV	S. Bristol, N.Y.		WNIC-FM	New Orleans, La.		WYOU	Montrose, Pa.	94.5
WLMM	Morrow, Ohio	88.1	WMIX-FM	Mt. Vernon, Ill.		WNIC-FM	St. Paul, Minn.	101.1	WYOU	Greensboro NC	98.7
WLMI	Jackson OH	94.7	WMJX-FM	Birmingham, MI	94.7	WNIC-FM	Flora, IL	108.9	WYOU	Pittsburgh PA	94.5
WLND-FM	Sag Harbor, NY	92.1	WMJM-FM	Cordoba, Ga.	92.3	WNIC-FM	High Point, N.C.		WYOU	Los Angeles, Cal.	88.9
WLNF-FM	Laurens, S. C.		WMJQ	Rochester, NY	92.3	WNIC-FM	Waukegan, IL	95.9	WYOU	Winter Park, Fla.	97.9
WLNG	Columbus, MS	90.9	WMJS	Prince Frederick MD	92.7	WNIC-FM	Waukegan, IL	95.9	WYOU	Panama City FL	102.7
WLNO	London, Ohio		WMJW	Nanticoke PA	92.1	WNIC-FM	Norfolk, Va.		WYOU	Terre Haute, Ind.	107.9
WLNR	Lansing IL	106.3	WMJX	Miami, FL	98.3	WNIC-FM	Philadelphia, Ohio		WYOU	Washington, DC	89.3
WLNX	Lincoln, IL	91.1	WMKC	Oshkosh, Wis.		WNIC-FM	Dudley, MA	93.9	WYOU	Perry, Ga.	
WLOA-FM	Bradock, PA	96.9	WMKY	Morehead, Ky.	90.9	WNIC-FM	Circleville, O.	107.1	WYOU	Saldenburg, Md.	95.5
WLOC-FM	Newfordsville, Ky.		WMLE	Manati PR	96.9	WNIC-FM	Brundey, Va.		WYOU	Pittsburgh, Pa.	
WLOD-FM	La Porte, Ind.		WMLN-FM	Milton, MA	91.5	WNIC-FM	Bellevue OH	82.1	WYOU	Danville, Pa.	96.7
WLOE-FM	Minneapolis, Minn.		WMLP-FM	Milton, Pa.		WNIC-FM	Cincinnati OH	90.1	WYOU	Roanoke Rapids NC	90.1
WLOO	Chicago, IL	100.3	WMLS-FM	Bylacauga AL	98.3	WNIC-FM	Laurel, Miss.		WYOU	Urbana, Ill.	
WLOQ	Winter Park, FL	103.1	WMLW	Milwaukee, Wis.	90.6	WNIC-FM	Mansted, Fla.	89.5	WYOU	Portland IN	100.9
WLOS-FM	Ashville, N.C.	89.9	WMLX	Grand Rapids, MN	101.3	WNIC-FM	Wintona, Ill.		WYOU	Buffalo, NY	103.3
WLOW-FM	Aiken SC	95.9	WMLZ	Bradenburg, KY	93.5	WNIC-FM	Hackettstown, N.J.		WYOU	Warren, Mich.	
WLOZ	Wilmington, NC	91.3	WMMR	Philadelphia, Pa.		WNIC-FM	Wintona, Ill.		WYOU	Sharon, Pa.	
WLPD-FM	La Salle, Ill.		WMMS	Cleveland, O.	100.7	WNIC-FM	Wintona, Ill.		WYOU	Titusville, Fla.	89.9
WLPR	Mobile AL	96.1	WMMT	Gretna, Va.		WNIC-FM	Naples, FL	92.1	WYOU	Pittsburgh, Pa.	
WLOA	Cincinnati OH	98.5	WMMV	North Adams, Mass.		WNIC-FM	Syracuse, NY	93.1	WYOU	New York, N.Y.	
WLQR	Toledo, Ohio	101.5	WMMW	Columbus, Ohio		WNIC-FM	Northfield, VT		WYOU	Providence, R.I.	
WLQY	Ft. Pierce, FL	98.7	WMMX	Monroe, La.	88.1	WNIC-FM	New Kensington PA	100.7	WYOU	Burgaw, NC	99.9
WLRA	Lockport IL	88.1	WMMY	Marquette, OH	94.3	WNIC-FM	Evanson, IL	89.3	WYOU	Orangeburg, SC	106.7
WLRB	Rehoboth Beach, DE	92.7	WMMZ	Washington, D.C.	92.7	WNIC-FM	Morton, IL	106.3	WYOU	Bridgeport, Conn.	89.3
WLRC-FM	Whitehall MI	95.3	WMOB	Morehead, Ky.	98.1	WNIC-FM	Madison WI	102.5	WYOU	Princeton, Ky.	104.9
WLRF	Huntsville AL	88.3	WMOE	Bath, ME	91.5	WNIC-FM	Canal Fulton, OH	90.9	WYOU	Greenville, MI	107.3
WLRI	Roanoke VA	92.3	WMOF	Morehead, Ky.	92.7	WNIC-FM	Norway, Me.	105.5	WYOU	Key, Fla.	
WLRR-FM	Miami FL	91.3	WMOG	Bath, ME	91.5	WNIC-FM	Portsmouth, O.		WYOU	New York, N.Y.	95.5
WLRS	Whitehall, MI	95.3	WMOH	Murfreesboro, Tenn.	89.5	WNIC-FM	New York, N.Y.		WYOU	Plymouth, Mass.	
WLRS	Louisville, KY	102.3	WMOI	Champaign, Ill.	91.1	WNIC-FM	New York, N.Y.		WYOU	Nashville, Tenn.	
WLRW	Champaign, Ill.	93.5	WMOJ	Scottsburg, Ind.	91.7	WNIC-FM	Waukegan, IL	95.9	WYOU	Atlanta, Ga.	
WLSD-FM	Big Stone Gap VA	94.3	WMOK	Hancock, MI	93.5	WNIC-FM	New York NY	89.1	WYOU	New Haven, CT	99.1
WLSE-FM	Louisville, Miss.		WMOO	Middleport OH	92.1	WNIC-FM	Ozark AL	104.9	WYOU	Petersburg VA	99.3
WLST	Lima, Ohio	104.9	WMOQ	Sumter SC	88.1	WNIC-FM	San Antonio, TX	97.3	WYOU	Punxsutawney PA	105.5
WLST	Marquette, WI	95.1	WMOE	South Williamsport, Pa.	99.5	WNIC-FM	Royal Oak, Mich.		WYOU	Pascagoula, MS	99.1
WLSU	La Crosse, Wis.	88.9	WMOG	Ishpeming, MI	107.7	WNIC-FM	Ozawis, Mich.		WYOU	Chilton WI	89.3
WLSW	Scottsdale, PA	90.9	WMOH	Harrisonburg, Va.	91.1	WNIC-FM	Oak Hill, W.Va.		WYOU	Plymouth, OH	100.1
WLTA	Atlanta, GA	99.9	WMOI	Lewistown, Pa.		WNIC-FM	Toms River, N.J.		WYOU	Northwood, OH	106.3
WLTE	Waycross, GA	102.5	WMOJ	Marion, Ind.		WNIC-FM	Westerville, Ohio		WYOU	Utica, NY	90.7
WLTL	La Grange, Ill.	88.1	WMOK	Marion, Ohio		WNIC-FM	Wanegone NC	95.3	WYOU	Plainville NY	88.5
WLTR	Columbia, SC	91.3	WMOO	Brookhaven, MS	92.1	WNIC-FM	W. Yarmouth, Mass.		WYOU	Baltimore, MD	93.1
WLUF	Gouverneur, NY	92.7	WMOO	Marquette, OH	88.3	WNIC-FM	Huntsville, AL	90.1	WYOU	Pontiac, Ill.	103.1
WLUP	Chicago, IL	97.9	WMOO	Endicott, N.Y.	108.3	WNIC-FM	Portland, Me.		WYOU	Portsmouth, Me.	
WLUR	Lexington, Va.		WMOO	St. Louis, Ill.		WNIC-FM	Holland, O.		WYOU	Potsville, Pa.	
WLUV-FM	Loves Park, Ill.		WMOO	Mississippi State, MS	89.1	WNIC-FM	Blue Ridge, Ga.		WYOU	Uniontown, Pa.	98.5
WLWU	Chicago, IL	88.7	WMOO	Upper Montclair, NJ	105.5	WNIC-FM	Princeton, N.J.		WYOU	Lincoln, Ill.	100.1
WLVC-FM	Chicago, Ill.	88.3	WMOO	Oakland, Md.		WNIC-FM	Princeton, N.J.		WYOU	Laird du Chien, Wis.	94.3
WLVE	Baraboo, Wis.	94.9	WMOO	Elizabethtown, Pa.		WNIC-FM	De Ruyter Twp., NY	105.1	WYOU	Winter Park, Fla.	
WLWH	Hartford CT	93.7	WMOO	Morganfield, Ky.		WNIC-FM	Evanson IL	105.1	WYOU	San Juan, P.R.	98.5
WLVL	Louisville, Ky.		WMOO	Harrisburg, Pa.		WNIC-FM	Douglas, GA	106.3	WYOU	Providence, R.I.	
WLWQ	Columbus, OH	96.3	WMOO	Manchester, Tenn.		WNIC-FM	Arcadia, FL	98.7	WYOU	Ponce, P.R.	105.1
WLVR-FM											

U.S. FM STATIONS BY CALL LETTERS

Call	Location	MHz	Call	Location	MHz	Call	Location	MHz	Call	Location	MHz
WQAL	Cleveland, OH	104.1	WRFW	River Falls, WI	88.7	WSDH	Sandwich, MA	91.7	WTAB-FM	Taber City, N.C.	107.1
WQAG	Hamden CT	88.7	WRFY-FM	Reading, PA	102.5	WSDP	Plymouth, MI	89.3	WTAI-FM	Melbourne, FL	107.1
WQAW	Parkersburg, WV	103.1	WRGA-FM	Rome, GA	102.3	WSEA	Georgetown, Del.	93.8	WTAO	Murphysboro IL	104.9
WQRE	Charleston, WV	97.5	WRGI-FM	Naples, FL	93.5	WSEC	Williamston, NC	103.7	WTAS	Crete, IL	102.3
WQBK-FM	Rensselaer NY	103.9	WRGT-FM	Clarksburg WV	106.5	WSEF-FM	Seneca Falls, N.Y.	99.3	WTAW-FM	College Station, Tex.	101.7
WQBK	Rensselaer NY	103.9	WRHL-FM	Rochelle IL	102.3	WSEI	Oney, Ill.	92.9	WTAY-FM	Robinson, IL	101.7
WQDW	Kinston, NC	97.7	WRHN	Rhineland, WI	107.9	WSEK	Somers, Ky.	95.3	WTMZ	Morton, IL	102.3
WQCM	Hawley, MD	98.7	WRHR	Henrietta, NY	95.5	WSEL-FM	Pontotoc, Miss.	95.8	WTNG-FM	Brownsville, TN	95.3
WQCR	Burlington VT	88.9	WRHS	Park Forest, IL	88.1	WSEN-FM	Baldwinsville, N.Y.	102.1	WTBO-FM	Cumberland, Md.	106.7
WQCY	Quincy, IL	99.5	WRHY	Starview PA	92.7	WSEV-FM	Sevierville, TN	102.1	WTBR-FM	Pittsfield, MA	89.5
WQDR	Raleigh NC	94.7	WRJA	Richmond, Ind.	101.3	WSEW	Winston-Salem, NC	93.1	WTCA-FM	Plymouth, IN	94.3
WQDW	Kinston, NC	97.7	WRIF	Detroit, Mich.	101.1	WSFL	Bridgeton, NC	108.5	WTCC	Springfield, MA	90.7
WQDY-FM	Calais, ME	92.7	WRIL	Grenada, MS	100.1	WSFM	Harrisburg, PA	95.8	WTCH-FM	Shawano, WI	100.1
WQED-FM	Pittsburgh PA	89.3	WRIO-FM	Cape May, N.J.	101.7	WSGF-FM	Savannah, GA	95.8	WTCD-FM	Campbellville, Ky.	90.7
WQEG	Roseland, AL	103.7	WRIX	Honea Path, SC	103.1	WSGH-FM	Winston-Salem NC	107.5	WTCC	Vidalia, GA	97.7
WQEZ	Birmingham AL	100.9	WRJB	Camden, TN	98.3	WSGM	Staunton, Va.	106.5	WTGV	Shelbyville, TN	93.1
WQFL	Rockford IL	103.7	WRJC-FM	Mauston, WI	92.1	WSGO-FM	Dawson NY	106.5	WTGW	Whitesburg, Ky.	94.3
WQFM	Milwaukee, Wis.	94.1	WRJS	Oil City, PA	98.5	WSGH-FM	Port Huron, Mich.	91.3	WTG	Lake City, Fla.	94.3
WQGL	Butler, AL	93.5	WRJR	Brandon, MS	97.1	WSHG	Hazard, Ky.	101.1	WTGM	Lake Success, NY	103.5
WQHN	Jeffersonville IN	95.7	WRJH	Lewisville, ME	91.5	WSHM	Raleigh, N.C.	88.9	WTGN	Hammond, LA	103.3
WQHL	Live Oak FL	98.1	WRJK	Wilkes-Barre, PA	88.5	WSH	Shepherdstown, WV	88.7	WTGN	Normal, VA	88.8
WQHU	Andalusia, AL	98.1	WRKB-FM	Kannapolis, NC	99.7	WSHE	FT. Lauderdale FL	95.5	WTGN	Lima, O.	91.1
WQIB	Dawson NY	101.7	WRKC	Wilkes-Barre, PA	88.5	WSHF	Pittsburgh PA	99.7	WTGP	Greenville, PA	88.1
WQHJ	Venice FL	92.1	WRKM-FM	Rockland, ME	93.5	WSHG	Georgetown SC	106.3	WTHI-FM	Terre Haute, IN	99.9
WQID	Biloxi, MS	93.7	WRKI	Brookfield, CO	95.3	WSHM	Pittsburgh PA	99.7	WTHJ	Lobelville, TN	94.3
WQIK-FM	Jacksonville, Fla.	100.9	WRKM-FM	Carthage, TN	102.3	WSHN-FM	Easton, MA	91.3	WTHM-FM	Laper, Mich.	101.7
WQIX	Horseheads, N.Y.	100.9	WRKR	Raeine, Wis.	100.7	WSHN-FM	Fronton, MI	100.1	WTB	Iuka, Miss.	104.9
WQLH	West Point MS	100.9	WRKT-FM	Cocoa Beach FL	104.1	WSHS	Sheboygan, Wis.	91.7	WTB-FM	Salom, WV	91.1
WQLI	Newbury MA	88.7	WRKK	Ottawa, IL	95.3	WSHU	Fairfield, CT	91.1	WTIC-FM	Hartford, Conn.	91.1
WQLK	Richmond, IN	91.3	WRKY	Steubenville, OH	103.8	WSHV	South Hill VA	103.5	WTIO	Charleston, W. Va.	106.3
WQLN-FM	Erie PA	91.3	WRLB	Long Branch, NJ	107.1	WSHY-FM	Baltimore, Md.	104.9	WTJM	Pineville KY	106.3
WQLR	Kalamazoo MI	106.5	WRLC	Williamport, PA	91.5	WSID	Edwardsville, Ill.	88.7	WTJU	Charlottesville, Va.	104.9
WQLT	Florence AL	107.3	WRLM	Taunton, Mass.	93.3	WSIH	Wheaton, NC	90.1	WTKM-FM	Hartford WI	104.9
WQLX	Gallen, OH	102.3	WRLR	Huntingdon, PA	106.3	WSIM	Red Bank, NJ	94.8	WTKY-FM	Templeville, Ky.	92.1
WQMC	Charlottesville, VA	95.3	WRLS	Haywood, Wis.	92.1	WSIP-FM	Paintsville, Ky.	106.3	WTB-FM	Utica, NY	107.3
WQMF	Babylon, N.Y.	99.9	WRLX	Auburn NY	106.9	WSIU	Carbondale, Ill.	91.3	WTLN-FM	Indianapolis, Ind.	95.3
WQMG	Greensboro, N.C.	101.7	WRMC-FM	Middlebury, VT	91.7	WSIX-FM	Pekin, Ill.	91.3	WTLN-FM	Apopka, Fla.	95.3
WQMS	Hamilton, Ohio	106.3	WRMF-FM	Titusville, Fla.	94.3	WSJC-FM	Madison, Tenn.	95.5	WTMB-FM	Temah, WI	98.9
WQMT	Chatsworth, GA	99.3	WRMG-FM	Beardstown, IL	96.3	WSJK	Westfield, Ma.	91.5	WTME	Wanning SC	92.1
WQMU	Indiana, Pa.	103.1	WRMU	Alliance, Ohio	91.5	WSKB	Westfield, MA	91.5	WTMI	Miami, Fla.	98.9
WQMV	Vicksburg, Miss.	99.9	WRNE	Houlton, ME	95.3	WSKG-FM	Binghamton, NY	89.3	WTND	Fishers, Miss.	88.8
WQNX	Natchez, MS	95.1	WRNN-FM	Clare, MI	95.3	WSKP-FM	Sebring FL	103.5	WTNX	Ridgway, PA	94.3
WQOD	Youngstown OH	88.9	WRNO	New Orleans, LA	99.5	WSKY	Stanton, KY	104.9	WTNC-FM	Thomasville, N.C.	102.3
WQON	Grayson, TN	88.5	WRNS	Kingston, NC	95.1	WSLE	Peterborough NH	92.1	WTNS-FM	Coshocton, O.	91.1
WQOP	Mempis TN	88.5	WRNW	Mt. Kisco NY	107.1	WSLI-FM	Jackson, Miss.	106.3	WTNT-FM	Tallahassee, Fla.	107.1
WQP	Princeton, MN	106.3	WROR-FM	Guilford, MS	107.1	WSLM-FM	Salem, Ind.	95.5	WTOC-FM	Savannah, Ga.	104.9
WQPD	Risingburg, VA	100.7	WROR	Boston, Mass.	98.5	WSLN	Delaware, Ohio	91.3	WTD	Franklin, Ohio	98.9
WQQQ	Easton PA	99.9	WRP	Fry, NY	91.5	WSLO	Rosako VA	99.1	WTF	Canton, OH	98.1
WQR	Pittsfield, Mass.	99.9	WRPM-FM	Peoplarville, MS	107.9	WSLT-FM	Ocean City NJ	106.3	WTF	Canton, OH	98.1
WQR	Barnstable, MA	99.9	WRPN-FM	Ripon, WI	90.1	WSLU	Canton, N.Y.	91.9	WTF	Canton, OH	98.1
WQRH	Wisconsin Dells WI	104.5	WRPS	Rockland, MA	91.5	WSLX	New Canaan, CT	91.9	WTF	Canton, OH	98.1
WQRK	North VA	104.5	WRQN	Westbrook, ME	100.9	WSLY	York, AL	99.3	WTF	Canton, OH	98.1
WQRP	West Carrollton, OH	88.1	WRQR	Farmville, NC	84.3	WSM	Memphis, Tenn.	95.5	WTF	Canton, OH	98.1
WQRS-FM	Detroit, Mich.	98.1	WRQ	Dallas, TX	101.1	WSMC	Collegeedale, Tenn.	92.1	WTF	Canton, OH	98.1
WQRX	Benton IL	106.3	WRRC	River Grove, IL	88.9	WSME-FM	Sanford, ME	92.1	WTF	Canton, OH	98.1
WQS	Albertville, Ala.	100.9	WRRR	River Grove, IL	88.9	WSMH-FM	Lancaster, NY	89.9	WTF	Canton, OH	98.1
WQSI	Union Springs, AL	100.9	WRR	Franklin Lakes, NJ	88.7	WSMI-FM	Litchfield, Conn.	106.1	WTF	Canton, OH	98.1
WQSN	Fayetteville, N.C.	102.5	WRRH	Franklin Lakes, NJ	88.7	WSM	Greenfield, Ind.	95.5	WTF	Canton, OH	98.1
WQST	Forest, Miss.	98.9	WRRK	Manistee, MI	97.7	WSM	Sault Ste. Marie, MI	99.5	WTF	Canton, OH	98.1
WQSU	Selingsgrove PA	88.9	WRRL-FM	Rainelle, WV	96.7	WSM	Spartanburg, S.C.	106.3	WTF	Canton, OH	98.1
WQTC-FM	Two Rivers, Wis.	95.3	WRRN	Warren, PA	92.3	WSM	Natona, Ind.	95.5	WTF	Canton, OH	98.1
WQTD	Dunn, N.C.	103.1	WRRZ-FM	Clinton, NC	107.1	WSM	Sault Ste. Marie, MI	99.5	WTF	Canton, OH	98.1
WQTE	Adrian, MI	95.3	WRS	Decatur AL	88.9	WSNJ-FM	Ridgeway, NJ	107.7	WTF	Canton, OH	98.1
WQT	Hartford CT	103.1	WRSE-FM	Elmhurst, IL	88.7	WSNN	Potsdam, NY	91.1	WTF	Canton, OH	98.1
WQTM	Memphis, TN	104.5	WRSH	Miamisburg, OH	89.9	WSNT-FM	Sandersville, GA	94.3	WTF	Canton, OH	98.1
WQUN	New Orleans LA	93.3	WRSL-FM	Rockingham NC	91.1	WSOC-FM	Charlotte, NC	103.7	WTF	Canton, OH	98.1
WQUH	DeFuniak Springs FL	103.1	WRSM-FM	Bayamon, P.R.	95.9	WSOD-FM	Madisonville, KY	89.9	WTF	Canton, OH	98.1
WQUT	Johnson City, Tenn.	101.5	WRSL	Stander, KY	95.9	WSOD-FM	Jessup, Ga.	98.3	WTF	Canton, OH	98.1
WQW	State College, Pa.	96.7	WRST-FM	Oshkosh, WI	90.3	WSOM-FM	Salem, Ohio	95.3	WTF	Canton, OH	98.1
WQWQ-FM	Muskegon, Mich.	104.5	WRSU-FM	New Brunswick NJ	89.1	WSOR	Fort Myers, Fla.	95.3	WTF	Canton, OH	98.1
WQXA	York PA	105.7	WRV	Geneseo, IL	104.9	WSOU	S. Orange, N.J.	91.3	WTF	Canton, OH	98.1
WQXE	Elizabethtown, Ky.	106.3	WRV	Rocky Mount, NC	92.1	WSOY-FM	Decatur, Ill.	91.3	WTF	Canton, OH	98.1
WQXI-FM	Smyrna, Ga.	106.3	WRW	Warsaw, IN	107.3	WSPT-FM	Spartanburg, S.C.	107.1	WTF	Canton, OH	98.1
WQXM	Clearwater-St. Petersburg FL	87.9	WRXC	Hartford, Conn.	90.1	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WQX	Daytona Beach, FL	101.9	WRXL-FM	Philadelphia, Pa.	90.1	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WQXR-FM	New York, N.Y.	101.5	WRXL	Richmond VA	95.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WQXY-FM	Baton Rouge, La.	99.5	WRXX	Centria, IL	95.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WQYK-FM	St. Petersburg, Fla.	99.5	WRYZ-FM	Jupiter, FL	98.5	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WQYT	Binghamton, NY	98.1	WSAB	Mt. Carmel, Ill.	98.5	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WQZY	Dublin, GA	95.9	WSAC-FM	Ft. Knox, Ky.	94.1	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAD-FM	Radford, Va.	103.9	WSAE	Spring Arbor, Mich.	94.1	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAG-FM	Carrollton, Ala.	101.5	WSAF-FM	Cincinnati, OH	94.1	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Anna, Ill.	102.7	WSAJ-FM	Greene City, Pa.	99.8	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSAL-FM	Logansport, Ind.	107.1	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSAQ	Pert Huren, MI	107.1	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSAU-FM	Wausau, Wis.	98.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSB-FM	Atlanta, Ga.	98.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSBA-FM	York, Pa.	98.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSBB-FM	Cincinnati, OH	98.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSBC	Springfield, Mass.	98.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSBC	Somerset, Ky.	98.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSBC	Duluth, MN	98.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSBC	Aurora, Ind.	98.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSBC	Charleston, SC	98.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSBC	West Columbia, SC	100.1	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSBC	Sodus, NY	98.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSBC	Berkeley Springs, W.V.	98.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton, OH	98.1
WRAP-FM	Shelbyville, N.C.	106.3	WSBC	Berkeley Springs, W.V.	98.3	WSQ	Plattsburgh, N.Y.	107.1	WTF	Canton	

U.S. TV STATIONS BY LOCATION

Location	C.L.	Chan.
COLORADO		
Colo. Springs-Pueblo	KKTV	11
	KRDD-TV	13
Denver	KWGN-TV	2
	KOA-TV	4
	TKRMA-TV	6
	KMGH-TV	7
	KBT	9
Durango	KREZ-TV	6
Grand Junction	KREX-TV	8
Montrose	KREY-TV	10
Pueblo	TKTSC	8
Pueblo-Colo. Springs	KOAA-TV	5
Sterling	KTVS	3
CONNECTICUT		
Bridgeport	1WEDW	49
Hartford	WFSE-TV	3
	WHCT-TV	18
	1WEDH	24
New Britain-Hartford	WHNB-TV	30
New Haven-Hartford	WTNH-TV	8
	1WEDY	65
Norwich	1WEDY	63
Waterbury	WATR-TV	20
DELAWARE		
Wilmington	1WHYY-TV	12
DISTRICT OF COLUMBIA		
Washington	WRC-TV	4
	WTG	5
	WJLA-TV	7
	WTOP-TV	9
	WDCA-TV	20
	1WETA-TV	26
FLORIDA		
Daytona Beach-Orlando	WESH-TV	2
FL. Lauderdale	WKID	51
Fort Myers	WINK-TV	11
	WBBH-TV	20
Fort Pierce-Vero Beach	WTX	34
Gainesville	1WUFT	5
	WCJB	20
Jacksonville	WJXT	4
	1WJCT	7
	WTLV	12
	WJKS-TV	17
Miami	1WTHS-TV	2
	WTVJ	4
	WCIX-TV	6
	WHFT	45
	WCKT	7
	WPLG-TV	10
	1WLRN-TV	17
	WLT	23
	WHFT	45
Naples	WEVU	26
Orlando	WDBO-TV	6
	WFT	9
	1WMEF-TV	24
Palm Beach	WPT	8
Panama City	WMBB	13
	WJHG-TV	7
Pensacola	1WSRE	23
Aberdeen	KABY-TV	5
Pensacola-Mobile	WEAR-TV	3
Sarasota	WXLT-TV	40
St. Petersburg-Tampa	WTOG	44
Tallahassee	1WFSU-TV	11
	WECA-TV	27
Tallahassee-Thomasville	WCTV	6
Tampa	1WUSF-TV	16
Tampa-St. Petersburg	1WEDU	3
	WFLA-TV	8
	WLCY-TV	10
	WTVT	13
West Palm Beach	WPEC	12
GEORGIA		
Albany	WALB-TV	10
Athens	1WGT	8
Atlanta	WSB-TV	2
	WAGA-TV	5
	WATL-TV	36
	WXIA-TV	11
	WTCG	17
	1WET	30
	WXAT-TV	46
Augusta	WJBF	8
	WRDW-TV	12
	WATU-TV	26
Chatsworth	1WCLP-TV	18
Cochran	1WDCO-TV	15
Columbus	WRBL-TV	3
	WTVM	9
	WVEA	38
	1WJSP-TV	28
Dawson	1WAGS-TV	25
Macon	WMAZ-TV	13
	WCWB-TV	41
Pelham	1WABW-TV	14
Savannah	WSAV-TV	3
	WTOG-TV	11
	WJOL	22
Savannah-Pembroke	1WVAN-TV	8
Waycross	1WGA-TV	8
Wrens	1WCES-TV	20
HAWAII		
Hilo	KGMD-TV	9
	KHAW-TV	11

Location	C.L.	Chan.
IDAHO		
Boise	KBOI-TV	2
	TKAID	4
	KTVB	7
Idaho Falls-Pocatello	KID-TV	3
	KIF	8
Lawiston	KLEW-TV	3
Moscow	TKUID-TV	12
Nampa	KIVI	6
Pocatello	TKBGL-TV	10
	KPMI	6
Twin Falls	KMVT	11
ILLINOIS		
Carbondale	1WSIU-TV	6
Champaign	WCIA	3
	WICD	15
Chicago	WBMM-TV	2
	WMAQ-TV	5
	WCFC	38
	WLS-TV	7
	WGN-TV	9
	1WXX	20
	WCIU-TV	26
	WFLD-TV	32
	WSNS-TV	44
	WAND	17
Decatur	1WTV	47
Freeport-Rockford	WCCE-TV	23
Harrisburg	WSIL-TV	3
Moline	WQAD-TV	8
Olney	1WUS-TV	16
Peoria	WRAU-TV	19
	WEEK-TV	25
	WMBD-TV	31
	1WTV	47
Quincy-Rockford	WGM-TV	10
	WREX-TV	13
	WTV	17
Rock Island	WHBF-TV	4
Springfield	WICS	20
Urbana-Champaign	1WILL-TV	12
INDIANA		
Bloomington	1WTIU	30
Bloomington-Indianapolis	WTTV	4
Elkhart	WSJV	28
South Bend	WTV	7
Evansville	1WNIN	9
	WFIE-TV	14
	WEHT	25
	WANE-TV	15
	WPFA	21
Fort Wayne	WKJG-TV	33
	WRTV	6
	WISH-TV	8
	WTHR	13
	1WFI	20
	WMMB-TV	40
	WLFJ-TV	18
Lafayette	WTF-TV	31
Marion	1WIPB	49
Muncie	WNDU-TV	16
South Bend	WSBT-TV	22
	1WNI-TV	34
	WTV	2
Terre Haute	WTHI-TV	10
	WBAK-TV	38
	1WVUT	22
Vincennes	WOL-TV	5
Ames-Des Moines	WMT-TV	2
Cedar Rapids-	KCRG-TV	9
	1KBN	32
	WOC-TV	8
	KCCI-TV	8
	1KDN-TV	11
	WHD-TV	13
Dubuque	KDUB-TV	40
Fort Dodge	KVFD	50
	1KTN	46
Iowa City	1KIIN-TV	12
Mason City	1KGL-TV	3
	1KYN	24
Red Oak	1KHIN	24
Sioux City	KTV	4
	KCAU-TV	9
	KMEG	14
Waterloo-Cedar Rapids	KWWL-TV	7
KANSAS		
Ensign	KTV	8
Garden City	KGLD	11
	KUPK-TV	13
	KLOE-TV	10
Goodland	KCKT	2
Great Bend	KAYS-TV	7
Hays	TKPTS	8
Hutchinson	KTVH	12
Wichita	KOAM-TV	7
Pittsburg-Joplin	1KTU	11
Topoka	WIBW-TV	13
	KTBB	27
	KARD-TV	3
	KAKE-TV	10

Location	C.L.	Chan.
KENTUCKY		
Ashland	1WKAS	25
Bowling Green	WBKO	13
	1WGG	53
	1WCV	54
Covington	1WKZT	23
Elizabethtown	1WKMA	55
Hazard	WKYH-TV	57
	WLEX-TV	18
Lexington	WKY-TV	27
	1WKLE	62
	WTVQ-TV	40
Louisville	WAVE-TV	3
	WHAS-TV	11
	1WKPC-TV	15
	WLKY-TV	32
	WDRB-TV	41
	1WKMG	66
	1WKMA	35
Madisonville	1WKMR	38
Morehead	1WKMU	21
Murray	WXIX-TV	19
Newport	1WKON	52
Owenton	WPSD-TV	6
Paducah	1WKPI	22
Pikeville	1WKPI	22
Somerset	1WKPI	22
LOUISIANA		
Alexandria	KALB-TV	5
Baton Rouge	WBRZ	2
	WAFB-TV	9
	1WLPB-TV	27
	WRBT	33
	KHMA	11
Houma	KATC	3
Lafayette	KLFY-TV	10
Lake Charles	KPLC-TV	7
Monroe	1KLT	13
Monroe-W. Monroe	KNOE-TV	8
Monroe-El Dorado, AR	KTYE	10
New Orleans	WWL-TV	4
	WDSU-TV	6
	1WYES-TV	12
	WVUE	8
	WGNQ-TV	26
Shreveport	KIBS-TV	3
	KSLA-TV	12
	1KLT	24
Shreveport-Texas	KTAL-TV	6
MAINE		
Augusta	1WCBB	10
Bangor	WLBZ-TV	2
	WABI-TV	5
	WVII-TV	7
Biddeford	1WMEG-TV	26
Calais	1WMTD-TV	13
Orono	1WMBE-TV	12
Poland Spring	WMTW-TV	8
Portland	WCBS-TV	6
	WGAN-TV	13
Presque Isle	WAGM-TV	8
	1WMEH-TV	10
MARYLAND		
Annapolis	1WAPB	22
Baltimore	WMAR-TV	2
	WBAL-TV	11
	WJZ	13
	WJFF	45
	1WMPB	67
Hagerstown	WHAG-TV	25
	1WPPB	31
Salisbury	WBOC-TV	16
	1WCPB	28
MASSACHUSETTS		
Adams	WCDC	19
Boston	1WGBH-TV	2
	WBZ-TV	4
	WCVB-TV	5
	WNAO-TV	7
	WSBK-TV	38
	1WGBX-TV	44
	WQT	68
	WXNE-TV	25
Cambridge-Boston	WLYI-TV	56
Greenfield	WRP	32
New Bedford	WTEV-TV	6
Springfield	WWLP	22
	1WGBY-TV	57
Springfield-Holyoke	WHYN-TV	40
Worcester	WSMW-TV	27
MICHIGAN		
Allen Park	WXON	20
Alpena	1WCML-TV	6
	WBKB-TV	11
	1WCML-TV	6
Ann Arbor	WRHT	31
Bay City-Saginaw-Flint	WNEM-TV	5
Cadillac	WWT	9
Traverse City	WTOM-TV	4
Cheboygan	WJBK-TV	2
Detroit	WJ-TV	4
	WXYZ-TV	7
	WXON	20
	WKBD-TV	50
	1WTVS	56
	WGR-TV	62
East Lansing	1WKAR-TV	23
Escanaba	KJMN-TV	3
Flint	WJRT-TV	12
Grand Rapids	WOT	6
	1WGC	35
	WZZM-TV	13
	WLD-TV	18
Jackson	WKBD-TV	3
Kalamazoo	WJIM-TV	6
Lansing	WILX-TV	10
Marquette	WLUC-TV	8

Location	C.L.	Chan.
MINNESOTA		
Appleton	1WKCM-TV	10
Alexandria	KCMT	7
Austin	KAUS-TV	6
	1KAU-TV	15
	WDIO-TV	10
Duluth	KDAL-TV	3
	WDSM-TV	6
	1WDE-TV	8
	WIRT	13
Hibbing	KEYC-TV	12
Mankato	WCCO-TV	4
Minneapolis-St. Paul	KMSP-TV	9
	WTCN-TV	11
	KTMA-TV	23
	KTTT	10
Rochester	1KTCI-TV	17
St. Paul	1KTCI-TV	2
Minneapolis	KSTP-TV	5
	WGTC	29
	KNMT	12
Walker	KNMT	12
MISSISSIPPI		
Biloxi	WLOX-TV	13
	1WMAH	19
	1WMAE	12
	1WMAU	17
Booneville	WCBI-TV	4
Bude	1WMAO	23
Columbus	WABG-TV	6
Greenwood	WLBT	3
Greenville	WJTV	12
Jackson	WAPT	16
	1WMAA	29
Laurel	WDAM-TV	7
Hattiesburg	WTOK-TV	11
Meridian	1WMAW	14
	WHTV	24
	1WMAH	18
	1WMB	2
Oxford	1WMB	2
State College	WTVW	9
Tupelo	WTVW	9
MISSOURI		
Cape Girardeau	KFVS-TV	12
Columbia	KOMU-TV	8
	KCBJ-TV	17
Hannibal	KHQA-TV	7
Quincy	KRCB	13
Jefferson City	KODE-TV	12
Joplin	KTVJ	16
Kansas City	WDAF-TV	4
	KCMO-TV	5
	KMBC-TV	9
	1KCPT	19
	KBMA-TV	41
Kirksville-Ottumwa	KTV	3
St. Joseph	KQTV	2
St. Louis	KTVI	2
	KMOK-TV	4
	KSD-TV	5
	1KTC	9
	KPLR-TV	11
	KDNL-TV	30
	KMOS-TV	6
Sedalia	KYTV	3
Springfield	KOLR-TV	10
	KMTC	27
	1KOK	21
MONTANA		
Billings	KTV	2
	KULR-TV	4
Butte	KXLF-TV	4
	KTYM	6
Glendive	KXGN-TV	5
Great Falls	KRT	3
	KFBB-TV	5
	KTCM	12
Helena	KCFW-TV	9
Killsbuck	KCFW-TV	9
Miles City	KJVS-TV	3
Missoula	KPVO-TV	13
	KPAX-TV	8
NEBRASKA		
Albion	KCNA-TV	8
Allamore	1KTN-TV	13
Bassett	1KMNE-TV	7
Grand Island	KGIN-TV	11
Hastings	KHAS-TV	5
	1KHNE-TV	29
	KWNB-TV	6
Hayes Center	KDUH-TV	4
Hay Springs	KDUH-TV	4
Kearney	KDUH-TV	4
	1KLN-TV	13
Holdrege	1KLN-TV	13
Lexington	1KLN-TV	13
Lincoln	1KUON-TV	10
	KMOC	8
McCook	1KRNE-TV	12
Oberlin	1KXNE-TV	19
Norfolk	KNOP-TV	2
North Platte	KMTV	3
Omaha	1KPE-TV	9
	WOW	6
	KETV	7
	1KYNE-TV	26
Scottsbluff	KSTF	10
Gering	KSTF	10
Superior	KSNB-TV	4

U.S. TV STATIONS BY LOCATION

Location C.L. Chan.

NEVADA

Henderson KVVU 5
Las Vegas KLAS-TV 8
TKLVX 10
KSHO-TV 13
Reno KTVN 2
KCRJ-TV 4
KOLO-TV 8

NEW HAMPSHIRE

Berlin 1WEDB-TV 40
Durham 1WENH 11
Manover 1WHED-TV 18
Keene 1WEKW-TV 52
Littleton 1WLED-TV 49
Manchester WMUR-TV 9
WXPO-TV 50

NEW JERSEY

Camden 1WNJS 23
Montclair 1WNJM 50
Newark WNUJ 47
WBTB-TV 68
New Brunswick 1WNJB 58
New York-Newark 1WNET 13
Trenton 1WJT 52
Wildwood WCMC-TV 40

NEW MEXICO

Albuquerque KOB-TV 4
1KNME-TV 5
KDAT-TV 7
KGGM-TV 13
KMXN-TV 23
Carlsbad KAVE-TV 8
Clovis KFDW-TV 12
Farmington KIVA-TV 12
Las Cruces 1KRWG-TV 22
Portales 1KENW 3
Roswell KSWB-TV 8
KBMV-TV 10

NEW YORK

Albany WTEN 10
Albany-Troy-Schenectady WAST 13
WRGB 6
1WMT 17
Binghamton WBJA-TV 34
WBNG-TV 12
WICZ-TV 40
1WSKG 46
Buffalo WGR-TV 2
WBEN-TV 4
WKBW-TV 7
1WNED-TV 17
WUTV 29
Carthage-Watertown WWNY-TV 7
Elmira WENY-TV 56
Elmira-Corning WSYE-TV 18
Garden City 1WLIW 21
New York WCBS-TV 2
WNBC-TV 4
WNEW-TV 5
WOR-TV 7
WOR-TV 9
WPIX 11
1WYNE-TV 25
1WNYC 31
New York-Newark 1WNET 13
WBTB 68
WNJU-TV 47
New York-Paterson WXTV 41
Norwood 1WNPI-TV 18
Plattsburgh WPTZ 5
1WCFE-TV 57
Rochester WROC-TV 8
WHEC-TV 10
WOKR 13
1WXXI 21
Schenectady-Albany-Troy WRGB 8
1WMT 17
Syracuse WSYR-TV 3
WTVH 5
WNYX-TV 9
1WCNY-TV 24
Utica WKTV 2
WUTR 20
Watertown 1WNPE-TV 18

NORTH CAROLINA

Asheville 1WUNF-TV 33
WANC-TV 21
1WUNC-TV 4
Chapel Hill WBTB-TV 3
Charlotte WSOC-TV 9
WCCB 18
WRET-TV 36
1WTVI 42
Columbia 1WUND-TV 2
1WUNG-TV 58
Durham WRDU-TV 28
Durham-Raleigh WTVD 11
Greensboro WFMY-TV 2
Johnston WNCN-TV 9
1WUNK-TV 25
Hickory WHKY-TV 14
High Point
Greensboro & Winston-Salem WGHP-TV 8
WXII 12
Jacksonville WLSN-TV 19
Linville 1WUNE-TV 17
New Bern WCTI-TV 12
Raleigh WJHF 22
Raleigh-Durham WRAL-TV 5
Washington WTNV-TV 7
Wilmington WECT 6
WECT 6
1WUNJ-TV 39
Winston-Salem 1WUNL-TV 28

Location C.L. Chan.

NORTH DAKOTA

Bismarck KFYP-TV 5
KXMB-TV 12
WDAZ-TV 8
Devils Lake KDIX-TV 2
Dickinson WDAY-TV 8
Fargo 1KFME 13
Fargo-Grand Forks KTHI-TV 11
Forks 1KGF 2
Grand Forks KMOT 10
Minot KXMC-TV 13
Valley City KXIB-TV 4
Williston KUMV-TV 8
KXMD-TV 11

OHIO

Akron WAKR-TV 23
1WEAO 49
Alliance 1WNED-TV 48
Athens 1WOUB-TV 20
Cambridge 1WOUC-TV 44
Canton WJAN 17
Cincinnati WLT 5
WCPN-TV 9
WKRC-TV 12
1WCET 48
Cincinnati-Newport, Ky. WXIX-TV 19
Cleveland WKYC-TV 3
WUWS 5
WJKW-TV 8
WCTF 19
1WVIZ-TV 25
Columbus WCMH-TV 4
WTVN-TV 6
WBSN-TV 10
1WOSU-TV 34
Dayton WDTN 2
WHIO-TV 7
WKEF 22
1WPTD 16
Kettering WLIO 35
Lima 1WBGU-TV 57
Lorain WUAB 43
Cleveland Oxford WPTO 14
Portsmouth Steubenville-Wheeling WSTV-TV 9
Toledo WTOL-TV 11
WSPD-TV 13
WDDH-TV 24
1WGT 2
Youngstown WFMJ-TV 21
WKBN-TV 27
WYTT 33
Zanesville WHIZ-TV 18

OKLAHOMA

Ada-Ardmore KTEN 10
Ardmore-Sherman-Denison KXII 12
Eufaula 1KOET 3
Lawton (Wichita Falls) KSWO-TV 7
Oklahoma City KTVY 4
KOCO-TV 5
KWTW 9
1KETA 13
1KOKH-TV 25
Sayre KVIG-TV 8
Tulsa KTEW 2
KOTV 6
KTUL-TV 8
1KOED-TV 11

OREGON

Cool Bay KCBY-TV 11
Corvallis 1KOAC-TV 7
Eugene KEZI-TV 9
KVAL-TV 13
KOTI 2
KOB 5
KSYS 8
KTVL 10
KATU 2
KGIN-TV 6
KGW-TV 8
1KOAP-TV 10
KPTV 12
Roseburg KPIC 4
Salem KYDO-TV 3

PENNSYLVANIA

Allentown-WFMZ-TV 69
Bethlehem 1WLV-TV 89
Allentown WTAJ-TV 10
WOPC 38
Clearfield 1WPSX-TV 3
Erie WICU-TV 12
WJET-TV 24
WSEE 35
1WOLN 54
Greensburg WFFO-TV 40
Harrisburg WHP-TV 21
WTPA 27
Hershey 1WITF-TV 33
Johnston WJAC-TV 6
WJNL-TV 18
W GAL-TV 8
WLYH-TV 15
KYW-TV 3
WPVI-TV 6
WCAU-TV 10
WPHL-TV 17
WTAJ-TV 29
Philadelphia (Burlington, N.J.) WKBS 48
KDKA-TV 2
WTAJ-TV 4
WPGH-TV 53
KHSD-TV 11
WIIIC-TV 11
1WQED 13

Location C.L. Chan.

Scranton & Wilkes-Barre 1WQEX 16
WPGH-TV 53
WNEP-TV 18
WDAU-TV 22
1WVIA-TV 44
WTFE-TV 29
State College Wilkes-Barre & Scranton WBRE-TV 28
York WSBA-TV 43

RHODE ISLAND

Providence WJAR-TV 10
WPRI-TV 12
1WSBE-TV 36
Providence (New Bedford) WTEV 8

SOUTH CAROLINA

Allendale 1WEBA-TV 14
Anderson WAIM-TV 40
Beaufort 1WJW-TV 16
Charleston WCBT-TV 2
WCIV 4
WCSC-TV 5
1WITV 7
Columbia WIS-TV 10
WNOK-TV 19
WDOJ-TV 25
1WRLK-TV 35
WBT 13
1WJPM-TV 33
1WNTV 29
WGGTV 16
Florence WBTW 13
Greenville 1WJPM-TV 33
1WNTV 29
WGGTV 16
Greenville-Spartanburg & Asheville WFBC-TV 4
WSPA-TV 7
WLOS-TV 13
1WNSC-TV 30
Rock Hill 1WRJA-TV 27
Sumter

SOUTH DAKOTA

Aberdeen KABY-TV 9
1KDSD-TV 16
1KESD-TV 8
Brookings Deadwood-Lead KDSJ-TV 5
Florence Watertown KDLO-TV 3
KHSD-TV 11
KIVV-TV 5
Lowry 1KQSD-TV 11
Martin 1KSDZ-TV 8
Mitchell KXON-TV 5
Pierre 1KPSD-TV 10
KPRY-TV 4
Rapid City KOTA-TV 3
KEVN-TV 7
1KBHE-TV 9
Reliance KELO-TV 11
Sioux Falls KSFY-TV 13
Vermillion 1KUSD-TV 2

TENNESSEE

Chattanooga WRCB-TV 3
WTVG 9
WDEF-TV 12
1WTCI 45
WRIP-TV 81
Crossville WCPV-TV 55
Jackson WBBJ-TV 7
Bristol-Kingsport WJHL-TV 11
Kingsport WKPT-TV 19
Knoxville WATE-TV 6
WBIR-TV 10
WTVK 26
Lexington 1WLJT-TV 11
Memphis WREC-TV 3
WMCB-TV 5
1WKNO-TV 10
WVBC-TV 13
WMTU-TV 30
1WDCN-TV 8
WZTV 17
WSM-TV 4
WTVF 5
WNGE 2
Sneedville 1WSJK-TV 2

TEXAS

Abilene KRBC-TV 9
Amarillo KAMR 4
KVII-TV 7
KFDL-TV 10
Austin KTBC-TV 7
1KLRU-TV 18
KTVV 36
KVUE 24
KFDH-TV 6
KBCB-TV 12
Belton 1KNCT 46
Big Spring KWAB-TV 4
Bryan KBTX-TV 3
College Station 1KAMU-TV 15
Corpus Christi KIII 3
1KEDT 16
KRIS-TV 8
KZTV 10
Dallas 1KERA-TV 13
KDFW-TV 4
WFAA-TV 8
KXTX-TV 39
KQBC-TV 4
1KCGS 7
KTSN-TV 9
KVIA-TV 13
KCIC 14
El Paso XEPN-TV 2
XEJ-TV 5
Fort Worth-WBAP-TV 5
Dallas KTVT 11
Harlingen KGBT-TV 4

Location C.L. Chan.

Houston KPRC-TV 2
1KHU 8
KHOU-TV 11
KTRK-TV 13
KDOG-TV 26
KHTV 39
KGNV-TV 8
KVTY 13
Laredo XEFE-TV 2
1KXTX-TV 8
KCBZ-TV 11
KLBK-TV 13
KSEL-TV 28
KTRK-TV 9
KODC-TV 18
Midland & Odessa KMID-TV 2
Monahans KMOM-TV 9
Oressa KOSA-TV 7
Port Arthur-Beaumont KJAC-TV 4
San Angelo KACB-TV 3
KCTV 8
San Antonio KMOL-TV 4
KENS-TV 5
KSAT-TV 12
KWEX-TV 41
San Antonio-Austin 1KLRN-TV 9
Sweetwater-Abilene KTXS-TV 12
Temple-Waco KCEN-TV 6
Tyler-Kilgus KLTV 7
Victoria KXIX 19
Waco KWTX-TV 10
KRGV-TV 8
Wichita Falls KFDZ-TV 3
KAUZ-TV 6
1KIDZ-TV 24

UTAH

Ogden 1KOET 9
1KWCS-TV 18
Provo 1KBYU-TV 11
Salt Lake City KUTV 2
KTVX 4
KSL-TV 5
1KUED 7

VERMONT

Burlington WCAX-TV 3
WVNY-TV 22
1WETK 33
Rutland 1WVER 28
St. Johnsbury 1WVTA 20
WVTA 41

VIRGINIA

Bristol-Kingsport & Johnson City WCYB-TV 5
Charlottesville WVR-TV 29
Fredericksburg WHFV 69
Goldvin 1WNV 53
Hampton-Norfolk WVEC-TV 13
1WHRO-TV 15
WHSV-TV 3
Harrisonburg Lynchburg-Roanoke WLVA-TV 13
WATV-TV 3
Norton 1WSVN-TV 47
Portsmouth WYAH-TV 27
Portsmouth-Norfolk-New-Port News WAVY-TV 10
Richmond WTVR-TV 6
WWTB 12
1WCVE-TV 23
1WCVV 57
Richmond-Petersburg WXEX-TV 8
Roanoke WBBJ-TV 7
WLSL-TV 10
1WBR-TV 15
Staunton 1WVPT 51

WASHINGTON

Bellingham KVOS-TV 12
Kennewick KVEW 42
Pasco-Kennewick- Richland 1KWSU-TV 10
Pullman KEPR-TV 19
Richland-Pasco-Kennewick KNDU 23
Seattle KOMO-TV 4
KING-TV 5
KIRO-TV 7
1KCTS-TV 9
KREM-TV 2
KXLY-TV 4
KQV 12
1KSPS-TV 7
Taeoma KSTW 11
KCPQ-TV 13
1KPEC-TV 56
Yakima 1KTPS 62
KNDU 3
KIMA-TV 29
KAPP 35
1KYVE-TV 47

WEST VIRGINIA

Bluefield WHIS-TV 8
Charleston-Huntington WCHS-TV 8
Clarksburg WBOY-TV 12
Grandview 1WSWP-TV 9
Huntington 1WMLU-TV 33
Huntington-Charleston WBAZ-TV 3
WHTN-TV 13
1WVVU 24
Morgantown
Oak Hill-

CANADIAN AM STATIONS BY FREQUENCY

Call	Location	W.P.	Call	Location	W.P.	Call	Location	W.P.	Call	Location	W.P.
CHTN	Charlottetown, P.E.I.	5,000n	CBOF	Ottawa, Ont.	10,000	1350—222.1			CFAO	Armstrong, Ont.	50
CJMR	Mississauga, Ont.	10,000d	CHWO	Oakville, Ont.	10,000d	CHOV	Pemroke, Ont.	1,000	CFJR	Brockville, Ont.	1000r
1210—247.8					5,000n	CJCR	Gander, Nfld.	1,000	CHCL	Gold Lake, Alta.	250n
CFFB	Frobisher Bay, N.W.T.	250	CHSM	Steinbach, Man.	10,000	CJDC	Dawson Creek, B.C.	1,000	CHUC	Cobourg, Ont.	1,000
1220—245.8			CHD	Sarnia, Ont.	1,000	CJLM	Joliette, Que.	10,000d	CHAP	Long Lac, Ont.	40
CFBV	Smithers, B.C.	1,000d	CKDM	Saskatoon, Sask.	10,000			1,000n	CHMO	Moosonee, Ont.	50
		250n	1260—238.0						CJBM	Causapscal, Que.	1,000d
CFGN	Port-aux-Basques, Nfld.	250	CFRN	Edmonton, Alta.	50,000	CKAD	Middleton, N.S.	1,000			250n
CFGR	Gravelbourg, Sask.	250n	1270—263.1			CKLB	Oshawa, Ont.	10,000d	CKSP	Summerland, B.C.	1,000d
CFLK	Kapuskaing, Ont.	100	CBGD	Murdochville, Que.	40	CHAL	St-Pamphile, Que.	5,000n			250n
CFFA	Thunder Bay, Ont.	1,000d	CFGT	Alma, P.Q.	1,000			10,000d	CKYR	Jasper, Alta.	100
		250n	CHAT	Medicine Hat, Alberta	5,000n	1360—220.4			1460—205.4		
CHFC	Churchill, Man.	250	CHWK	Chilliwack, B.C.	10,000	CJVL	Ste. Marie de Beauce, P.Q.	10,000d			10,000d
CHSC	St. Catharines, Ont.	1,000d	CJCB	Sydney, N.S.	10,000			5,000n	CJOY	Guelph, Ont.	5,000n
		500n	1280—234.2			CKBC	Bathurst, N.B.	10,000			10,000d
CHVD	Dolbeau, P.Q.	10,000d	CHAM	Hamilton, Ont.	10,000			10,000d	CKRB	Ville St. Georges, Que.	5,000n
		250n	CHQB	Howell River, B.C.	1,000	1370—218.8					10,000d
CJNL	Merrit, B.C.	1,000d	CJMS	Montreal, Que.	50,000	CFLV	Valleyfield, Que.	10,000d			5,000n
		250n	CJSE	Estevan, Sask.	1,000	CFOK	Westlock, Alta.	10,000	1470—204.0		
CJOC	Lethbridge, Alta.	10,000d	CKCV	Quebec, Que.	10,000d	CFHP	Parksville, B.C.	1,000	CFOX	Pointe Claire, Que.	10,000d
		500n	1290—232.4					1,000	CFWR	Winnipeg, Man.	10,000
CJOK	Fort McMurray, Alta.	1,000d	CHRM	Matane, Que.	10,000			5,000n	CHOW	Welland, Ont.	1,000d
		500n	CJBK	London, Ont.	10,000	1380—217.3					500n
CJRB	Bolssevain, Man.	10,000d	1300—230.6			CFDA	Victoriaville, Que.	1,000	CJVB	Vancouver, B.C.	10,000
		5,000n	CBAF	Moncton, N.B.	5,000	CKLC	Kingston, Ont.	10,000d			
CJSS	Cornwall, Ontario	1,000	CJME	Regina, Sask.	1,000			5,000n			
CJRL	Kenora, Ont.	1,000	1310—228.9			CKPC	Brantford, Ont.	10,000	1480—202.6		
CJSA	Ste-Agathe-des-Monts, P.Q.	1,000d	CFGM	Richmond Hill, Ont.	50,000			1,000	CHRD	Drummondville, Que.	10,000
		250n	CHGB	La Pocatiere, Que.	10,000d	1390—215.7					
CJTT	New Liskeard, Ont.	1,000d			5,000n	CHOO	Ajax, Ont.	10,000	1490—201.2		
		250n	CIOK	St. Paul, Alta.	10,000	CKKC	Nelson, B.C.	1,000	CBNN	Hopedale, Labr. Nfld.	40
CKDA	Victoria, B.C.	50,000	CKOY	Ottawa, Ont.	50,000			1,000	CBPA	Jasper National Park, Alta.	0.1
CKDW	Moncton, N.B.	10,000	1320—227.1					1,000d	CBPC	Glacier National Park, B.C.	0.1
CKLD	Theftford Mines, P.Q.	1,000d	CHQM	Vancouver, B.C.	50,000	CJFD	Burns Lake, B.C.	250	CBPE	Cape Breton, Highlands National Park, N.S.	0.1
		250n	CJSO	Sorel, Que.	10,000d	CHNL-1	Clearwater, B.C.	1,000d	CFMG	Holbrooke, B.C.	20
CKMP	Midland, Ont.	1,000d			5,000n			250n	CFMR	Fort Simpson, N.W.T.	25
		250n	CKEC	New Glasgow, N.S.	5,000	CJFP	Riviere du Loup, Que.	10,000d	CFNC	Cross Lake, Man.	75
CKSM	Shawinigan, Que.	10,000d	CKKW	Kitchener, Ont.	1,000			1000r	CFRC	Kingston, Ont.	100
CKRQ	Castlegar, B.C.	1,000d	1330—225.4			CKCB	Collingwood, Ont.	1000r	CFWB	Campbell River, B.C.	1,000d
		250n	CKKR	Rosetown, Sask.	10,000	CKFL	Lae Megantic, Que.	1,000d			250n
CKTK	Kilimat, C.C.	1,000d	1340—223.7			CKGR	Golden, B.C.	1000d	CHYM	Kiteheper, Ont.	10,000d
		250n	CBGM	Ste Anne-des-Monts, Que.	1,000d			250n			5,000n
VOAR	St. John's, Nfld.	100			250n	CKOB	Renfrew, Ont.	250	CJPR	Blairmore, Alta.	1,000d
1230—243.8			CFED	Chapais, Que.	250	CKRN	Rouyn, Que.	1,000d			250n
CBAR	Canso, N.S.	40	CFGB	Happy Valley, Nfld.	1,000	CKRV	Drummondville, P.Q.	250d	1480—202.6		
CBPB	Jasper National Park, Alta.	0.1	CFKC	Creston, B.C.	250	CKSJ	St. Jovite, Que.	250	CHRD	Drummondville, Que.	10,000
CBPD	Glacier National Park, B.C.	0.1	CFLH	Hearst, Ont.	1,000d	CKSW	Swift Current, Sask.	1,000d			250n
		0.1	CFLW	Wabush, Labrador, Nfld.	250			250n	CKEN	Kentville, N.S.	1,000d
CBQO	Franklin, N.W.T.	40	CFOM	Ville Vanier, Que.	250			1,000d	CKGO	Hopa, B.C.	250
CFLN	Goose Bay, Labrador, Nfld.	1,000d	CFYK	Yellowknife, N.W.T.	1,000			250n	CKLR	L'Annonciation, P.Q.	1,000r
		250n	CHAD	Amos, Que.	1,000d	1410—212.6					250n
1240—241.8			CHAR	Alert, N.W.T.	40	CFMB	Montreal, Que.	10,000	1500—199.9		
CBLP	Espanola, Ont.	40	CIVH	Vanderhoof, B.C.	1,000d	CFUN	Vancouver, B.C.	50,000	CKAY	Duncan, B.C.	5,000d
CFEK	Fernie, B.C.	1,000d	CJAN	Asbestos, Que.	1,000d	CKSL	London, Ont.	10,000			1,000n
		250n			250n	CIGO	Port Hawkesbury, N.S.	10,000			
CFLM	La Tuque, Que.	1,000d	CJLS	Yarmouth, N.S.	5,000d				1510—199.1		
		250n			1,000n	1420—211.1					
CFLS	Levis, Que.	250	CKAR-1	Parry Sound, Ont.	250	CJMT	Chicoutimi, P.Q.	10,000d	CJRS	Sherbrooke, Que.	10,000
CFVR	Abbotsford, B.C.	1,000d	CKBG	Bagotville, P.Q.	40			2,500n	CKOT	Tillsonburg, Ont.	1,000d
		250n	CKBR	Brooks, Alta.	1,000d	CJVR	Melfort, Sask.	10,000			
CJAF	Cabano, Que.	1,000d			250n	CKDY	Digby, N.S.	1,000			
		250n	CKCR	Revelstoke, B.C.	1,000d	CKPT	Peterborough, Ont.	5,000	1540—195.0		
CJAR	The Pas, Man.	1,000d	CKGF	Grand Forks, B.C.	1,000d	CKTL	Pleassville, Que.	1,000d	CHIN	Toronto, Ont.	50,000
		500n			250n			500n			
CJAV	Port Alberni, B.C.	1,000d	CKMA	Mont-Apica, P.Q.	40	1430—209.7			1550—193.5		
		250n	CRMC	Maniwaki, Que.	1,000r	CKFH	Toronto, Ont.	50,000			
CJCS	Stratford, Ont.	500d	CKNR	Elliott Lake, Ont.	250						
		250n	CKOX	Woodstock, Ont.	1,000d	1440—208.2			1570—191.1		
CJMD	Chibougamau, Que.	1,000d	CKVT	Temiscamingu, Que.	250	CFCC	Courtenay, B.C.	1,000	CFOR	Orillia, Ont.	10,000d
		250n				CFGO	Ottawa, Ont.	10,000			1,000n
CJRW	Summerside, P.E.I.	250				CJOT	Cetaskiwin, Alta.	1,000	CHLO	St. Thomas, Ont.	10,000
CJWA	Wawa, Ont.	1,000d							CHUB	Nanaimo, B.C.	10,000
		250n				1450—206.8			CKLM	Montreal, Que.	50,000
CKBS	St-Hyacinth, P.Q.	250				CBG	Gander, Nfld.	250	CKTA	Taber, B.C.	5,000
CKIM	Bale-Verte, Nfld.	40				CBPF	Cape Breton, Highlands National Park, N.S.	0.1			
		500n				CFHF	Grandby, Que.	10,000	1580—189.2		
CKBX	100 Mile House, B.C.	1000r						5,000n	CBJ	Chicoutimi, Que.	10,000
CKLS	La Sarre, Que.	1,000d				CHRT	St. Eleuthere, Que.	250			
		250n				CFAB	Windsor, N.S.	250	1600—187.5		
CKMK	Mackenzie, B.C.	1,000d							CHIB	Chibougamau, P.Q.	40
		250n							CHNR	Simcoe, Ont.	10,000
CKOD	Osoyoos, B.C.	1,000d									
		250n									
1250—239.9											
CBGA	Matane, Que.	10,000d									
		5,000n									

CANADIAN AM STATIONS BY LOCATION

Location	Call kHz	Location	Call kHz	Location	Call kHz	Location	Call kHz
Abbotsford, B.C.	CFVR 1240	Bridgewater, N.S.	CKBW 1000	Chatham, Ont.	CFCO 630	Dawson Creek, B.C.	CJDC 1350
Ajax, Ont.	CHOO 1390	Brockville, Ont.	CFJR 1450	Chibougamau, Que.	CJMD 1240	Digby, N.S.	CKDY 1420
Alert, N.W.T.	CHAR 1340	Burns Lake, B.C.	CFLD 1400	Chicoutimi, Que.	CHIB 1600	Dolbeau, P.Q.	CHVD 1230
Alma, Que.	CFGT 1270	Cabano, Que.	CFAB 1240	Chicoutimi, Que.	CBJ 1580	Donald Station, B.C.	
Altona, Man.	CFAM 950	Calgary, Alta.	CFBR 1010		CJMT 1420		CBWD 900
Amherst, N.S.	CKDH 900		CFAC 960	Chilliwack, B.C.	CHWK 1270	Drumheller, Alta.	CJDY 910
Amos, Que.	CHAD 1340		CFCN 1060	Churchill, Manitoba	CHFC 1230	Drummondville, Que.	CHRD 1480
Antigonish, N.S.	CJFX 580		CHQR 810	Clareville, Nfld.	CKVO 710		CKRY 1400
Armstrong, Ont.	CFAO 1450		CKXL 1140	Clearwater, B.C.	CHNL-1 1400		CKDR 900
Asbestos, Que.	CJAN 1340	Callander, Ont.	CFCH 600		CBKZ 860	Dryden, Ont.	CKAY 1500
Ashecroft, B.C.	CBWA 860	Cambell River, B.C.	CFWB 1490	Cobourg, Ontario	CHUC 1450	Duncan, B.C.	CKBX 740
Bagotville, P.Q.	CKBG 1340	Campbellton, N.B.	CKNB 950	Cold Lake, Alta.	CHCL 1450	Edmonton, Alta.	CKYR 570
Bale Verte, Nfld.	CKIM 1240	Camrose, Alta.	CFCW 790	Collingwood, Ont.	CKCB 1400		CHED 630
Barrle, Ont.	CKBB 950	Canso, N.S.	CBAR 1230	Corner Brook, Nfld.	CBY 990		CHFA 680
Bathurst, N.B.	CKBC 1380	Cape Breton, Highlands			CFCB 570		CHQT 1110
Belleville, Ont.	CJBO 800	National Park, N.S.	CBPE 1490	Cornwall, Ont.	CFML 1170		CJCA 930
Blairmore, Alta.	CJPR 1490		CBPF 1450	Courtenay, B.C.	CJSS 1220		CKUA 980
Blind River, Ont.	CJNR 730	Castlegar, B.C.	CKQR 1230	Cranbrook, B.C.	CFCP 1440	Edmundston, N.B.	CJEM 570
Brooks, Alta.	CKBR 1340	Causapscal, Que.	CFED 1340	Creston, B.C.	CFCK 870	Edson, Alta.	CJVR 970
Bolssevain, Man.	CJRB 1220	Charlottetown, P.E.I.	CFCY 630	Cross Lake, Man.	CFNC 1490	Elliott Lake, Ont.	CKNR 1340
Brampton, Ont.	CKXK 730	CHTN	1190	Dartmouth, N.S.	CFDR 790	Espanola, Ont.	CBPL 1240
Brandon, Man.	CKXK 1150	CIMN	700	Dauphin, Man.	CKDM 230	Estevan, Sask.	CJSL 1280
Brantford, Ont.	CKPC 1380					Fermont, Que.	CBGF 710

CANADIAN AM STATIONS BY LOCATION

Location	Call	kHz	Location	Call	kHz	Location	Call	kHz	Location	Call	kHz		
Fernie, B.C.	CFEK	1240	La Sarre, Que.	CKLS	1240	Nfld.	CFGN	1230	Summerland, B.C.	CKSO	790		
Flin Flou, Man.	CFAR	590	La Tuque, Que.	CFLM	1240	Port au Choix, Nfld.	CFNW	790	Summerside, P.E.I.	CKSP	1450		
Fort Frances, Ont.	CFOB	800	Leamington, Ont.	CHYR	710	Port Hawkesbury, N.S.			CJRW	1240			
Fort Good Hope, N.W.T.	CBQE	920	Lethbridge, Alberta	CHYR-7	730		CYGO	1410	Sussex, N.B.	CJCW	590		
Fort McMurray, Alta.	CJOK	1230	Levis, Que.	CFLS	1240	Powell River, B.C.	CHOR	1280	Swift Current, Sask.	CKSW	1400		
Fort McPherson, N.W.T.	CFNL	590	Lindsay, Ont.	CKLY	910	Prince Albert, Sask.	CKBI	900	Sydney, N.S.	CKBI	1410		
Fort Nelson, B.C.	CFNR	550	Lloydminster, Alta.	CKSA	1080	Prince George, B.C.	CJCI	620		CHER	950		
Fort Simpson, N.W.T.	CFMR	1490	London, Ont.	CFPL	980		CKPG	550	Taber, Alta.	CKTA	1570		
Fort St. John, B.C.	CKNL	560		CJKB	1290	Prinnee Rupert, B.C.	CHTK	560	Temiscamingue, Que.	CFPA	1230		
Franklin, N.W.T.	CB00	1230	Long Lac, Ont.	CKSL	1410	Quebec, Que.	CJNL	1400	Terrace, B.C.	CFTK	590		
Fredericton, N.B.	CFBZ	970	Longueuil, Que.	CHAP	1450		CBV	980		CBKW	990		
	CFNB	550	MacKenzie, B.C.	CHRS	1090		CHRC	800	The Pas, Man.	CJAR	1240		
	CHSR	710	Maniwaki, Que.	CKMK	1240		CJRP	1068	Thetford Mines, Que.	CKLD	1230		
Frobisher Bay, N.W.T.	CFFB	1210	Marystown, Nfld.	CKMC	1340		CKCV	1268	Thompson, Man.	CHTM	810		
Gait, Ont.	CFTJ	1110	Matachewan, Ont.	CBNM	740		CKGQ	570	Thunder Bay, Ont.	CBQ	800		
Gander, Nfld.	CBG	1450	Matane, Que.	CHCM	560		CKPR	1160		CKPR	580		
	CJCR	1350	Maynooth, Ont.	CJCB-10	1110		CKGY	1170	Tillsonburg, Ont.	CKOT	1510		
	CKGA	730	Medicine Hat, Alta.	CBGA	Nfld.		CBK	540	Timmins, Ont.	CFCL	820		
Geraldton, Ont.	CB0J	900	Melfort, Sask.	CHRM	1290		CJME	1300		CKGB	680		
Glacier National Park, B.C.	CBOJ	900	Merritt, B.C.	CB00	1400		CKCK	820	Toronto, Ont.	CBL	740		
	CBPD	1230	Middleton, N.S.	CHAT	1270		CKRM	980		CFRB	1010		
Golden, B.C.	CKGR	1400	Midland, Ontario	CJVR	1400		CKCR	1340		CFTR	880		
Goose Bay, Labrador, Nfld.	CFLN	1290	Mississauga, Ont.	CKAD	1350		CKCR	1340		CHIN	1840		
Granby, Que.	CHF	1450	Moncton, N.B.	CKMP	1230		CJBR	900		CHUM	1050		
Grand Bank, Nfld.	CBT	840	Mont-Aglo, P.Q.	CJMR	1190		CJFP	1400		CJCB	860		
Grand Falls, Nfld.	CJCN	680	Mont Laurier, P.Q.	CBA	1070		CHRL	910		CKE	590		
	CKCM	620	Montmagny, Que.	CBFA	1300		CHRL	910		CKFH	1430		
Grand Forks, B.C.	CKGF	1340	Montreal, Que.	CKGW	1220		CKKR	1330		CJAT	810		
Gravelbourg, Sask.	CFRG	690	Montreal, Que.	CKML	1340		CKRN	1400	Trail, B.C.	CKLN	550		
	CJ0X	1230		CKML	1340		CJSA	1230	Trois-Rivieres, Que.	CKJ	600		
	CJOY	1480		CKML	1340		Ste Ann-des-Monts, Que.	CBGN	1340	Truro, N.S.	CKCL	600	
	CFRU	820		CKML	1340				Tuktoyaktuk, N.W.T.	CFCT	600		
	CBH	860		CKML	1340				Val d'Or, Que.	CKVO	900		
	CHNS	960		CKML	1340				Valleyfield, Que.	CFV	1370		
	CJCH	920		CKML	1340				Vancouver, B.C.	CBU	690		
Hamilton, Ont.	CHAM	1280		CKML	1340					CFUN	1410		
	CHM	900		CKML	1340					CHQM	1320		
	CKOC	1150		CKML	1340					CITR	850		
Happy Valley, Nfld.	CFGB	1340		CKML	1340					CJOR	690		
Hauteville, Que.	CHLC	580		CKML	1340					CJVB	870		
Heerst, Ont.	CFHL	1340		CKML	1340					CKWG	730		
Holberg, B.C.	CFHG	1490		CKML	1340					CKWX	1130		
Hope, B.C.	CKGO	1490		CKML	1340					CIVH	1340		
Hopedale, Labr., Nfld.	CBNN	1490		CKML	1340					CKVL	850		
Hull, Que.	CKCH	970		CKML	1340					CJIB	940		
Huntsville, Ont.	CKAR	630		CKML	1340					CFAX	1070		
Inuvik, N.W.T.	CHAK	860		CKML	1340					CJVI	900		
Jasper, Alta.	CKYR	1450		CKML	1340					CKDA	1220		
				CKML	1340					CFDA	1380		
				CKML	1340					Ville Marie, Que.	CKVM	710	
				CKML	1340					Ville St. Georges, Que.	CKRB	1460	
				CKML	1340					Ville Vanier, Que.	CFOM	1340	
Jasper National Park, Alta.	CBPA	1490		CKML	1340					Wabush, Labrador, Nfld.	CFW	1340	
	CBPB	1230		CKML	1340						CJWA	1240	
	CJLM	1350		CKML	1340						CHOW	1470	
Joliette, Que.	CKRS	590		CKML	1340						CJOI	1440	
Jonquiers, Que.	CFJC	910		CKML	1340						CFSL	1190	
Kamloops, B.C.	CFJC	910		CKML	1340						CFWC	570	
	CHNL	610		CKML	1340						CKWR	810	
Kapuskasing, Ont.	CFLK	1230		CKML	1340						CKWL	1470	
	CKAP	580		CKML	1340						CFAB	1450	
Kelowna, B.C.	CKIQ	1150		CKML	1340						CBE	1550	
	CKOV	630		CKML	1340						CBEF	540	
Kenora, Ont.	CJHL	1220		CKML	1340						CJAM	860	
Keniville, N.S.	CKEN	1490		CKML	1340						CKLW	800	
Kingston, Ont.	CFRC	1490		CKML	1340						CKWW	580	
	CKLC	1380		CKML	1340						CKX	920	
	CKLV	960		CKML	1340						CKY	980	
Kirkland Lake, Ont.	CJKL	560		CKML	1340						CFWR	1470	
Killehour, Ont.	CHYM	1490		CKML	1340						CJOB	680	
	CKKW	1320		CKML	1340						CKRC	630	
Kittimat, B.C.	CKTK	1230		CKML	1340						CKY	580	
Lachute, Que.	CJLA	630		CKML	1340						CJCY	920	
Lac Megantic, Que.	CKFL	1400		CKML	1340						CKX	1340	
Langley, B.C.	CJIC	890		CKML	1340						CJLS	1340	
L'Annonciation, P.Q.	CKL	1490		CKML	1340						CFYK	1340	
La Poutriere, Que.	CHGB	1310		CKML	1340						CIGX	940	
				CKML	1340						100 Mile House, B.C.	CKBX	1240

CANADIAN AM STATIONS BY CALL LETTERS

Call	Location	kHz	Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
Canadian Broadcasting Corporation Stations			National Park, N.S.	1490	CFCW	Camrose, Alta.	790	CFNW	Port-au-Choix, Nfld.	790	
CBA	Moncton, N.B.	1070	CBPF	Cape Breton Highlands	1450	CFB	Charlottetown, P.E.I.	630	CFB	Fort Frances, Ont.	800
CBAF	Moncton, N.B.	1300	CBQ	Thunder Bay, Ont.	800	CFDA	Victoriaville, Que.	1380	CFDK	Westlock, Alta.	1370
CBAR	Canoe, N.S.	1230	CBQE	Fort Good Hope, N.W.T.	920	CFDR	Dartmouth, N.S.	790	CFDM	Ville Vanier, Que.	1340
CBD	Saint John, N.B.	1110				CFED	Chapais, Que.	1340	CFDR	Orillia, Ont.	1570
CBE	Windsor, Ont.	1550				CFEK	McPherson, N.W.T.	1240	CFDS	Owen Sound, Ont.	560
CBEF	Windsor, Ont.	540				CFFB	Frobisher Bay, N.W.T.	1210	CFDX	Pointe Claire, Que.	1470
CBF	Montreal, Que.	690							CFE	Thunder Bay, Ont.	1230
CBF	Gander, Nfld.	840				CFBG	Happy Valley, Nfld.	1340	CFE	London, Ont.	860
CBGA	Matane, Que.	1280				CFBH	Prince Rupert, B.C.	860	CFE	Edmonton, B.C.	860
CBGD	Murdochville, Que.	1270				CFBI	Port-Aux-Basques, Nfld.	1230	CFE	Ottawa, Ont.	580
CBGF	Ferme, Que.	710				CFBO	Ottawa, Ont.	1440	CFE	Toronto, Ont.	1010
CBGN	Ste Anne-des-Monts, Que.	1340				CFBP	Grande Prairie, Alta.	1050	CFE	Kingston, Ont.	1490
						CFBR	Gravelbourg, Sask.	690	CFE	Gravelbourg, Sask.	690
CBH	Hallfax, N.S.	860				CFBS	Alma, Que.	1270	CFE	Edmonton, Alta.	1260
CBH	Sidney, N.S.	1140				CFBT	Holberg, B.C.	1490	CFE	Guelph, Ont.	860
CBJ	Chicoutimi, Que.	1580				CFB	Kamloops, B.C.	910	CFE	Winnipeg, Man.	1470
CBK	Regina, Sask.	540				CFB	Kamloops, B.C.	910	CFE	Portage la Prairie, Man.	920
CBKZ	Cleanwater, B.C.	860				CFB	Brackville, Ont.	1450	CFE	Yellowknife, N.W.T.	1190
CBL	Toronto, Ont.	740				CFB	Brackville, Ont.	1450	CFE	Yarmouth, N.S.	1340
CBLP	Esplanada, Ont.	1240				CFB	Brockville, B.C., with another Studio at Nelson, B.C.	1340	CFE	Yellowknife, N.W.T.	1340
CBM	Montreal, Que.	840				CFB	Burns Lake, B.C.	1400	CFE	Terrace, B.C.	860
CBN	St. John's, Nfld.	840				CFB	Heart, Ont.	1340	CFE	Toronto, Ont.	860
CBNA	St. Anthony, Nfld.	600				CFB	Kapuskasing, Ont.	1230	CFE	Saskatoon, Sask.	800
CBNM	Marystown, Nfld.	740				CFB	La Tuque, Que.	1240	CFE	Vancouver, B.C.	1410
CBNN	Hopedale, Labr., Nfld.	1490				CFB	Labrador, Nfld.	1230	CFE	Abbotsford, B.C.	1240
CBO	Ottawa, Ont.	910				CFB	Levis, Que.	1240	CFE	Campbell River, B.C.	1490
CBOD	Maynooth, Ont.	1400				CFB	Valleyfield, Que.	1370	CFE	Whitehorse, Y.T.	870
CB0F	Ottawa, Ont.	1250				CFB	Wabush, Labrador, Nfld.	1340	CFE		
CB0J	Geraldton, Ont.	900				CFB	Montreal, Que.	1410	CFE	Moose Jaw, Sask.	800
CBPA	Jasper National Park, Alta.	1440				CFB	Cornwall, Ont.	1170	CFE	Amos, Que.	1340
CBPB	Jasper National Park, Alta.	1230				CFB	Fort Simpson, N.W.T.	1490	CFE	Chapais, Que.	1340
CBPC	Glacier National Park, B.C.	1490				CFB	Fredericton, N.B.	550	CFE	St. Pamphile, Que.	1350
CBP	Glacier National Park, B.C.	1230				CFB	Cross Lake, Man.	1490	CFE	Hamilton, Ont.	1280
CBPE	Cape Breton Highlands					CFB	Fort Nelson, B.C.	590	CFE	Long Lac, Ont.	1450
						CFB	St. John, B.C.	590	CFE	Alert, N.W.T.	1340
						CFB	Medicine				

CANADIAN FM STATIONS BY CALL LETTERS

Call	Location	MHz	Call	Location	MHz	Call	Location	MHz	Call	Location	MHz
Brook, Nfld.		97.9	CFMI-FM New Westminster, B.C.		101.1	CHLT-FM Sherbrooke, Que.		102.7	CKCL-FM Truro, N.S.		100.9
CFDM-FM Drummondville, Que.		104.3	CFMO-FM Ottawa, Ont.		93.9	CHOM-FM Westmount, Que.		97.7	CKCY-FM Sault Ste. Marie, Ont.		104.8
CFFM-FM Kamloops, B.C.		98.3	CFMQ-FM Regina, Sask.		92.1	CHQM-FM Vancouver, B.C.		103.5	CKFS-FM Hamilton, Ont.		95.3
CFFM-FM-1 Savona, B.C.			CFMS-FM Victoria, B.C.		98.5	CHRC-FM Ste-Foy, Quebec, Que.		98.1	CKFM-FM Toronto, Ont.		99.9
Rebroadcasting the programs of Station CFFM-FM, Kamloops, B.C.		101.9	CFNN-FM St. Anthony, Nfld., Rebroadcasting the programs of Station CFCB, Corner Brook, Nfld.		97.9	CHSC-FM St. Catharines, Ont.		105.7	CKGL-FM Timmins, Ont.		94.5
CFFM-FM-2 Clearwater, B.C.			CFPL-FM London, Ont.		95.9	CHUM-FM Toronto, Ont.		104.5	CKLC-FM Kingston, Ont.		98.3
Rebroadcasting the programs of Station CFFM-FM, Kamloops, B.C.		92.7	CFQR-FM Montreal 15, Que.		92.5	CHYM-FM Kitchener, Ont.		96.7	CKLG-FM Vancouver, B.C.		99.3
CFFM-FM-3 Merritt, B.C.			CFRW-FM Winnipeg 2, Man.		100.3	CJNQ-FM Montreal, P.Q.		99.3	CKLW-FM Windsor, Ont.		93.9
Rebroadcasting the programs of Station CFFM-FM, Kamloops, B.C.		103.9	CFRL-FM Big Trout Lake, Ont.		100.3	CJOT-FM Trill, B.C.		106.7	CKMF-FM Montreal, Que.		94.3
CFFM-FM-4 Clinton, B.C.			CFRN-FM Edmonton, Alta.		100.3	CJQB-FM Belleville, Ont.		97.1	CKOT-FM Tillsonburg, Ont.		101.3
Rebroadcasting the programs of Station CFFM-FM, Kamloops, B.C.		106.5	CFR-W-FM Winnipeg 2, Man.		94.3	CJBR-FM Rimouski, Que.		101.5	CKPC-FM Brantford, Ont.		92.1
CFFM-FM-5 Mount Timothy, B.C.			CFTL-FM La Poudre, B.C.		102.1	CJCA-FM Edmonton, Alta.		99.5	CKPR-FM Thunder Bay, Ont.		94.3
Rebroadcasting the programs of Station CFFM-FM, Kamloops, B.C.		103.9	CFWL-FM Invermere, B.C., Programs originating from CHFM-FM studios at Calgary, Alta.		107.1	CJCB-FM Sydney, N.S.		94.9	CKQN-FM Baker Lake, N.W.T.		99.3
CFFM-FM-6 Mount Timothy, B.C.			CHEC-FM Lethbridge, Alta.		100.9	CJET-FM Smiths Falls, Ont.		101.1	CKQS-FM Oshawa, Ont.		94.9
Rebroadcasting the programs of Station CFFM-FM, Kamloops, B.C.		106.5	CHEX-FM Peterborough, Ont.		100.9	CJFM-FM Montreal, Que.		95.9	CKRD-FM Reed Deer, Alta.		98.9
CFFM-FM-7 Mount Timothy, B.C.			CHFI-FM Toronto, Ont.		98.1	CJIC-FM Sault Ste. Marie, Ont.		100.5	CKRL-FM Quebec, Que.		89.1
Rebroadcasting the programs of Station CFFM-FM, Kamloops, B.C.		106.5	CHFM-FM Calgary, Alta.		95.9	CJOB-FM Winnipeg, Man.		97.5	CKSO-FM Sudbury, Ont.		92.7
CFFM-FM-8 Mount Timothy, B.C.			CHFX-FM Halifax, N.S.		98.1	CJOM-FM Windsor, Ont.		88.7	CKTB-FM St. Catharines, Ont.		97.7
Rebroadcasting the programs of Station CFFM-FM, Kamloops, B.C.		106.5	CHGB-FM La Pocatiere, Que.		102.9	CJOY-FM Guelph, Ont.		106.1	CKUA-FM Edmonton, Alta.		98.1
CFFM-FM-9 Mount Timothy, B.C.			CHIC-FM Brampton, Ont.		102.1	CJOY-FM Guelph, Ont.		106.1	CKVL-FM Verdun, Que.		96.9
Rebroadcasting the programs of Station CFFM-FM, Kamloops, B.C.		106.5	CHIN-FM Toronto, Ont.		100.7	CJRT-FM Toronto, Ont.		91.1	CKWM-FM Kentville, N.S.		97.7
CFFM-FM-10 Mount Timothy, B.C.						CJSS-FM Cornwall, Ont.		104.5	CKWR-FM Kitchener, Ont.		103.5
Rebroadcasting the programs of Station CFFM-FM, Kamloops, B.C.		106.5				CJUS-FM Saskatoon, Sask.		89.7	CKWS-FM Kingston, Ont.		96.3
CFFM-FM-11 Mount Timothy, B.C.						CKAT-FM North Bay, Ont.		93.7	CKX-FM Brandon, Man.		96.1
Rebroadcasting the programs of Station CFFM-FM, Kamloops, B.C.		106.5				CKBY-FM Ottawa, Ont.		105.3	CKY-FM Winnipeg, Man.		92.1
CFFM-FM-12 Mount Timothy, B.C.						CKCH-FM Hull, Quebec		94.9			

CANADIAN TV STATIONS BY LOCATION

Location	Call	Ch.	Location	Call	Ch.	Location	Call	Ch.	Location	Call	Ch.
Adams Hill, B.C.	CFJC-TV-8	11	Cherryville, B.C.	CHSH-TV-1	7	Fort Simpson, N.W.T.	CKBMT-2	5	King Island, B.C.	CHVT-TV-1	9
Alexis Creek, B.C.	CHIL-TV-1	8	Cheticamp, N.S.	CJWR-TV-10	2	Fort Smith, N.W.T.	CKQV-TV-1	11	Kingston, Ont.	CKWS-TV	11
Alma, Que.	CKRS-TV-4	4		CBHFT-4	10	Fort St. James, B.C.	CBEGT	8	Kitchener, Ont.	CKCO-TV	13
Alta Lake, B.C.	CHWM-TV-1	7		CBIT-2	2		CBEAT	9	Kletu, B.C.	CFKK-TV-1	2
Aitken, Sask.	CKBI-TV-1	10	Chilbougamau, Que.	CFBFT	8		CFJIC-TV-1	10	Kokish, B.C.	CFKB-TV-2	9
Antigonish, N.S.	CJCB-TV-2	9		CJPM-TV	6		CKPG-TV-5	9	Kwinateh, B.C.	CKCC-TV-1	7
Argentea, Nfld.	CJGX-TV-2	3	Chilliwack, B.C.	CHAN-TV-1	11	Fort St. John, B.C.	CFPV-TV-1	2	Labrador City, Nfld.	CBSET-2	13
Ashcroft, B.C.	CHAC-TV-2	2	Chinchaga, Alta.	CBXAT-7	5		CFR-VTV-1	2	La du Bonnet, Man.	CBST-3	11
	CHAC-TV-2	5	Churchill, Man.	CHFC-TV	8		CFDFTV-1	11	La Etienne, Que.	CBVT-4	85
Ashmont, Alta.	CFRN-TV-4	12	Churchill Falls, Nfld.	CBSET-3	9	Alta.	CBXAT-5	11	La La Biche, Alta.	CBXT-8	10
Athabasca, Alta.	CBXT-1	8		CBST-4	13	Fountain, B.C.	CFDF-TV-1	5	La Magentic, Que.	CFRN-TV-5	2
Atikokan, Ont.	CBWCT-1	7	Clarenceville, Nfld.	CJON-TV-6	10	Foxwarren, Man.	CKX-TV-1	11	Lake Louise, Alta.	CFLL-TV-1	9
Bale St. Paul, Que.	CKRT-TV-1	2		CFJC-TV-10	2	Frobisher Bay, N.W.T.	CFFB-TV	8	Lakakata Point, B.C.	CFLL-TV-2	8
	CKRT-TV-1	2	Clearwater, B.C.	CFJC-TV-4	10		CFBTV-8	8	L'Anse à Valteau, Que.	CFBS-TV-1	11
Bale Verte, Nfld.	CBNAT-1	8	Clinton, B.C.	CFJC-TV-4	10	Fruitvale, Montrose, B.C.	CBUAT-3	9		CHAU-TV-9	7
Bancroft, Ont.	CKGN-TV-2	2		CFJC-TV-4	10	Gaspe, Que.	CHAU-TV-6	10	La Ronge, Sask.	CKBST-2	12
	CKGN-TV-2	2	Chilint Creek, Y.T.	CBDOE	8	Gaspe West, Que.	CFGW-TV-1	8	La Tuque, Que.	CBVT-2	3
Banff, Alta.	CFAC-TV-2	13	Cloridorms, Que.	CHAU-TV-8	6		CFBTV-8	8	Lawn, Nfld.	CJGX-TV-2	10
	CFAC-TV-2	13	Coleman, Alta.	CJOC-TV-1	12		CBLAT	13	Leader, Sask.	CKJC-TV-1	12
Barrie, Ont.	CKVR-TV-3	6	Colgate, Sask.	CKCP-TV-1	9	Geraldton, Ont.	CBWLTV	8	Leaf Rapids, Man.	CBWQT	17
Bassano B.C.	CFCN-TV-7	10	Conche, Nfld.	CBNAT-8	13	Gillam, Man.	CBUBT-2	13	Lethbridge, Alta.	CJOC-TV-2	13
	CFCN-TV-7	10	Cormorant, Man.	CJCM-TV-1	4	Golden, B.C.	CBUBT-2	13		CJOC-TV-2	13
Battle River, Alta.	CBXAT-6	9	Corner Brook, Nfld.	CBYT	5	Goose Bay, Nfld.	CFLA-TV	8		CJOC-TV-2	13
Bay St. Lawrence, N.S.	CJCB-TV-5	7		CJWN-TV	10	Grand Bank, Nfld.	CJGX-TV-1	2		CJOC-TV-2	13
	CJCB-TV-5	7	Cornwall, Ont.	CJON-TV-8	8	Grand Falls, Nfld.	CBNAT	11		CJOC-TV-2	13
Beardmore, Ont.	CBLAT-5	9	Coronation, Alta.	CKRO-TV-1	10		CJCN-TV	4		CJOC-TV-2	13
Bella Bella, B.C.	CKDI-TV-1	9	Courtenay, B.C.	CHAN-TV-4	13	Grand Forks, B.C.	CBUAT-1	5		CJOC-TV-2	13
Bella Coola, B.C.	CKDI-TV-2	11	Cranbrook, B.C.	CBUBT	59	Grand Rapids, Man.	CBWHT	8		CJOC-TV-2	13
Big River, B.C.	CKBI-TV-5	9	Crawford Bay, B.C.	CBUCT-1	5	Grande Prairie, Alta.	CBXAT	10		CJOC-TV-2	13
Blue River, B.C.	CFJC-TV-13	3	Crescent Valley, B.C.	CHMS-TV-1	8	Grande Prairie, Alta.	CFRN-TV-1	13		CJOC-TV-2	13
Bon Accord, N.B.	CHSI-TV-1	6	Creston, B.C.	CBUCT-2	5	Grande Vallée, Que.	CBGAT-3	11		CJOC-TV-2	13
Bonaville, Nfld.	CJON-TV-1	10	Crimson Lake, Alta.	CFMV-TV-1	5	Granisle, B.C.	CHTL-TV-2	6		CJOC-TV-2	13
Bonne Bay, Nfld.	CBYT-3	2		CFMV-TV-1	5	Greenwater Lake, Sask.	CKBI-TV-3	4		CJOC-TV-2	13
Bonington, B.C.	CBUDT	13	Cross Lake, Man.	CBWNT	12		CKBI-TV-3	4		CJOC-TV-2	13
Bonnyville, Alta.	CKBA-TV-2	9	Dauphin (Baldy Mountain), Man.	CBWST	8	Halliburton, Ont.	CKVR-TV-3	5		CJOC-TV-2	13
Boss Mountain, B.C.	CFJC-TV-16	7	Dawson, Y.T.	CBODT	7	Halifax, N.S.	CBHFT	13		CJOC-TV-2	13
	CFJC-TV-16	7	Dawson Creek, B.C.	CJDC-TV-2	3		CBHT	3		CJOC-TV-2	13
Boston Bar, B.C.	CFJC-TV-2	3	Deer Lake, Nfld.	CBYAT	12	Hamilton, Ont.	CJCH-TV	5		CJOC-TV-2	13
	CFJC-TV-2	3	Deseronto, Ont.	CJWN-TV-3	7	Havre St. Pierre, Que.	CHCH-TV	11		CJOC-TV-2	13
Bow Island, Alta.	CBUT-4	13	Dingwall, N.S.	CJON-TV-6	6	Hearst, Ont.	CBST-1	12		CJOC-TV-2	13
Bowen Island, B.C.	CBUT-4	13	Donald Station, B.C.	CBUT-3	5		CBFOT-2	7		CJOC-TV-2	13
Brackendale, B.C.	CHAN-TV-5	3	Drumheller, Alta.	CFAC-TV-1	8	High Level, Alta.	CFCL-TV-4	4		CJOC-TV-2	13
Brackendale, B.C.	CHAN-TV-5	3	Ear Falls, Ont.	CFCN-TV-6	10	Hilton, Alta.	CBXAT-4	8		CJOC-TV-2	13
Bralorne, B.C.	CFJC-TV-15	3	Eastend, Sask.	CBWDT	9	Hinton, Alta.	CBXAT-2	2		CJOC-TV-2	13
Brandon, Man.	CKX-TV	6	East George, B.C.	CJFB-TV-1	2	Hixon, B.C.	CKPG-TV-1	10		CJOC-TV-2	13
	CKX-TV	6	Edmonton, Alta.	CKHF-TV-1	9	Holberg, B.C.	CFKY-TV-1	4		CJOC-TV-2	13
Brooks, Alta.	CFCN-TV-3	9		CBXFT	11	Home Payne, Ont.	CBLAT	6		CJOC-TV-2	13
	CFCN-TV-3	9	Edmonton, Alta.	CBXFT	11	Hope, B.C.	CBUT-6	9		CJOC-TV-2	13
Buchans, Nfld.	CJOC-TV-2	3		CBXFT	11	Houston, B.C.	CFTK-TV-10	2		CJOC-TV-2	13
Bullhead Mountain, B.C.	CBNAT-2	13	Edmonton, Alta.	CFRN-TV	3	Hudson Hope, B.C.	CJDC-TV-1	11		CJOC-TV-2	13
	CBNAT-2	13		CJRN-TV	3					CJOC-TV-2	13
Burmis, Alta.	CFCN-TV-4	5		CJRN-TV	3	Hudson Bay Mountain (near Telkwa) B.C.	CFTK-TV-11	7		CJOC-TV-2	13
	CFCN-TV-4	5		CJRN-TV	3		CFVOTV	30		CJOC-TV-2	13
Burns Lake, B.C.	CFJK-TV-3	4		CJRN-TV	3	Hull, P.Q.	CFVOTV	30		CJOC-TV-2	13
Cabano, Que.	CKRT-TV-4	5		CJRN-TV	3	Huntsville, Ont.	CKVR-TV-2	8		CJOC-TV-2	13
Cache Creek, B.C.	CHAC-TV-1	12		CJRN-TV	3	Inace, Ont.	CBWDT	13		CJOC-TV-2	13
	CHAC-TV-1	12		CJRN-TV	3	Îles de la Madeleine, Que.	CBWDT	13		CJOC-TV-2	13
Caledonia, N.S.	CJAT-TV-6	6		CJRN-TV	3	Inuvik, N.W.T.	CHAK-TV	5		CJOC-TV-2	13
Calgary, Alta.	CFAC-TV	4		CJRN-TV	3	Invermere, B.C.	CBUBT-3	2		CJOC-TV-2	13
	CFAC-TV	4		CJRN-TV	3		CFWL-TV-1	6		CJOC-TV-2	13
Campbell River, B.C.	CBUT-8	3		CJRN-TV	3	Inverness, N.S.	CJCB-TV-1	6		CJOC-TV-2	13
	CBUT-8	3		CJRN-TV	3	Irishtown, Nfld.	CBYT-2	7		CJOC-TV-2	13
Campbellton, N.B.	CKCO-TV	7		CJRN-TV	3	Jasper, Alta.	CJWN-TV-6	3		CJOC-TV-2	13
Camp Moss, B.C.	CFNV-TV-1	3		CJRN-TV	3	Jouissers, Que.	CBXAT-4	5		CJOC-TV-2	13
Canal Flats, B.C.	CBUBT-1	12		CJRN-TV	3	Jubilee Mountain, B.C.	CKRS-TV	12		CJOC-TV-2	13
Canning, N.S.	CJCH-TV-1	10		CJRN-TV	3		CFWL-TV-2	6		CJOC-TV-2	13
Canoe, B.C.	CHBC-TV-8	6		CJRN-TV	3	Juskatla, B.C.	CFTK-TV-7	2		CJOC-TV-2	13
Canoe Mountain, Near Valemont, B.C.	CFJC-TV-14	8		CJRN-TV	3	Kamloops, B.C.	CFJK-TV	4		CJOC-TV-2	13
	CFJC-TV-14	8		CJRN-TV	3		CHKM-TV	4		CJOC-TV-2	13
Cape Broyle, Nfld.	CHCB-TV-1	3		CJRN-TV	3	Kapuskasing, Ont.	CFBOT-12	12		CJOC-TV-2	13
	CHCB-TV-1	3		CJRN-TV	3		CFGL-TV-3	2		CJOC-TV-2	13
Carleton, Que.	CHAU-TV	8		CJRN-TV	3		CKSO-TV-4	10		CJOC-TV-2	13
Carlyle Lake, Sask.	CFSS-TV	7		CJRN-TV	3		CFCL-TV-2	2		CJOC-TV-2	13
Cassiar, B.C.	CBUET	7		CJRN-TV	3		CFCL-TV-2	2		CJOC-TV-2	13
Castlegar, B.C.	CBUAT-2	3		CJRN-TV	3		CFCL-TV-2	2		CJOC-TV-2	13
Cathedral Point, B.C.	CFBS-TV-3	13		CJRN-TV	3		CFCL-TV-2	2		CJOC-TV-2	13
	CFBS-TV-3	13		CJRN-TV	3		CFCL-TV-2	2		CJOC-TV-2	13
Causapscal, Que.	CBGAT-5	6									

kHz	Call	Name	Location	GMT	kHz	Call	Name	Location	GMT
3910	—	Far East Network	Tokyo, Japan	1200	5990	—	RAI	Rome, Italy	2200
3915	—	British B.C. relay	Tebrau, Malaysia	1500	6000	—	R. Swan	San Pedro Sula, Honduras	0630
3925	—	NSB	Tokyo, Japan	1000	6006	TIHB	R. Relaj	San Jose, Costa Rica	0500
3945	—	R. Vila	Vila, New Hebrides	0930	6010	—	R. Moscow	Moscow, USSR	0000
3960	—	R. Republik Indonesia	Padang, Indonesia	1230	6010	—	R. Berlin, Int.	Berlin, E. Germany	0430
3975	—	R. Republik Indonesia	Surabaya, Indonesia	1200	6010	—	Deutsche Welle relay	Sines, Portugal	0430
3975	—	British B.C.	London, England	0630	6015	—	Austrain R.	Vienna, Austria	1030
3980	—	South African B.C.	Johannesburg, S. Africa	0200	6025	ZPA1	R. Nacional	Asuncion, Paraguay	1200
3980	—	V. America relay	Munich, W. Germany	0300	6025	—	R. Tashkent	Tashkent, USSR	0630
3990	—	V. America relay	Monrovia, Liberia	0400	6035	—	R. Sweden	Stockholm, Sweden	1130
3995	—	—	Nikolayevski, USSR	1600	6045	OCY4H	R. Santa Rosa	Lima, Peru	1800
3999	—	Grantlands R.	Gadthab, Greenland	1030	6070	CFRX	—	Toronto, Canada	0045

60 Meter Band—4750-5060 kHz

4460	—	R. Peking	Peking, China	1400
4679	HCWE1	R. Nac. Espejo	Quito, Ecuador	0230
4696	CP117	R. Riberalta	Riberalta, Bolivia	0230
4719	—	R. Republik Indonesia	Ujung Pandang, Indonesia	1330
4750	—	R. Lubumbashi	Lubumbashi, Zaire	2030
4760	—	Trans World R.	Manzini, Swaziland	0400
4765	HCAJ2	CRE	Guayaquil, Ecuador	0400
4765	—	RTV Congolaise	Brazzaville, Congo	0430
4770	ELWA	Sudan Interior Mission	Monrovia, Liberia	2230
4770	YVNW	R. Bolivar	Ciudad Bolivar Venezuela	0130
4775	—	Emis. Kennedy	Bogota, Colombia	0330
4775	—	All India R.	Gauhati, India	1200
4777	—	RTV Gabonaise	Libreville, Gabon	0500
4780	—	France Region 3	Djibouti, Afars and Issa	1430
4780	—	R. Nacional	Guinea Bissau	2200
4783	—	R. Mali	Bamako, Mali	0600
4785	ZYMB	R. Ribamar	Sao Luis, Brazil	0230
4785	—	R. Tanzania	Dar es Salaam, Tanzania	0300
4785	—	—	Baku, USSR	2130
4790	OAX8F	R. Atlantida	Iquitos, Peru	0300
4790	—	R. Republik Indonesia	Fak Fak, Indonesia	1130
4800	—	R. Lesotho	Maseru, Lesotho	0430
4800	YVMO	R. Lara	Barquisimetok, Venezuela	0130
4804	—	V. Kenya	Nairobi, Kenya	0400
4806	—	R. Nacional	Sao Tome	2230
4810	HCVG8	LV Galapagos	Isia S. Cristobal, Galapagos	1230
4820	HRVC	LV Evangelica	Tegucigalpa, Honduras	0200
4825	—	—	Ashkhabad, USSR	2130
4832	TIHB	R. Relaj	San Jose, Costa Rica	0500
4835	—	R. Malaysia Sarawak	Kuching, Sarawak	1430
4840	—	People's Liberation Army	Fuzhou, China	1130
4845	—	R. Botswana	Gaborone, Botswana	0400
4850	—	R. Tashkent	Tashkent, USSR	1200
4855	HJCQ	R. Nacional	Bogota, Colombia	0300
4860	YVQE	R. Maracaibo	Maracaibo, Venezuela	1030
4865	—	R. Portugal	Lisbon, Portugal	0245
4870	—	LV Revolution	Cotonou, Benin	2130
4875	—	R. Republik Indonesia	Sorong, Indonesia	1200
4875	ZYD66	R. Jornal Brasil	Rio de Janeiro, Brazil	0200
4875	CP75	La Cruz del Sur	LaPaz Bolivia	0200
4880	—	South African B.C.	Johannesburg, S. Africa	0330
4885	HJIG	Ondas del Meta	Villavicencia, Colombia	0330
4890	—	R. Senegal	Dakar, Senegal	0600
4890	—	National B.C.	Port Moresby, Papua N.G.	1200
4900	—	R. Cardak	Bujumbura, Burundi	0415
4900	—	R. Republik Indonesia	Gorontalo, Indonesia	1330
4900	YVNK	R. Juventud	Barquisimeto, Venezuela	0300
4904	—	R. Nat. Tchadienne	N'djamena, Chad	0530
4908	—	R. Phnom Penh	Phnom Penh, Khmer Rep.	1430
4911	—	Zambia B.C.	Lusaka, Zambia	0400
4915	—	Ghana B.C.	Accra, Ghana	2230
4920	—	Australia B.C.	Brisbane, Australia	1200
4926	—	R. Equatorial	Bata, Eq. Guinea	0500
4940	—	RTV Ivorienne	Abidjan, Ivory Coast	2300
4945	—	—	Hanoi, Vietnam	1200
4950	—	R. Malaysia Sarawak	Kuching, Sarawak	1500
4970	—	R. Malaysia	Sabah	1330
4972	—	France Region 3	Cayenne, Fr. Guiana	0930
4975	OCX4H	R. Pacifico	Lima, Peru	0330
4990	—	Nigeria B.C.	Shagunle, Nigeria	0430
4996	OAZ4C	R. Andina	Huancayo, Peru	0400
5010	—	R. Garoua	Garoua, Camberaun	2130
5015	—	—	Vladivostok, USSR	1130
5020	—	Saloman Is. B.S.	Honiara, Saloman Is.	1200
5039	—	R. Omdurman	Omdurman, Sudan	0400
5052	—	R. Singapore	Singapore	1430

49 Meter Band—5950-6200 kHz

5900	—	Israel B. Auth.	Jerusalem, Israel	0500
5915	—	R. Sofia	Sofia, Bulgaria	0430
5930	—	R. Prague	Prague, Czechoslovakia	0200
5935	—	R. Riga	Riga, USSR	2030
5940	—	R. Moscow	Moscow, USSR	0230
5950	—	R. Pakistan	Karachi, Pakistan	1200
5955	—	V. America	Dixon, USA	1300
5955	—	R. Nacional	Kavala, Greece	0530
5955	TIQ	R. Casino	Limon, Costa Rica	1200
5960	—	R. Canada Int.	Montreal, Canada	2330
5965	—	R. Budapest	Budapest, Hungary	2030
5965	—	British B.C.	London, England	0100
5980	—	R. Lebanon	Beirut, Lebanon	0600
5980	—	R. RSA	Johannesburg, S. Africa	0430
5980	KGEI	V. Amistad	San Francisco, USA	0700
5980	XERMX	R. Mexico	Mexico City, Mexico	1500
5985	—	R. Splendid	Buenos Aires, Argentina	0200
5985	—	Burma B.S.	Rangoon, Burma	1430
5987	—	R. Republik Indonesia	Menado, Indonesia	1400

6080	—	R. TV Belge	—	6080	—	RAI	Rome, Italy	2200
6085	ZY887	R. Jornal Comercio	Brussels, Belgium	6000	—	R. Swan	San Pedro Sula, Honduras	0630
6085	—	All India R.	Madras, India	6006	TIHB	R. Relaj	San Jose, Costa Rica	0500
6090	—	R. Luxembourg	Luxembourg	6010	—	R. Moscow	Moscow, USSR	0000
6105	XEQM	Su Pantera	Merida, Mexico	6010	—	R. Berlin, Int.	Berlin, E. Germany	0430
6115	XEUDS	R. Univ. Sonora	Hermosillo, Mexico	6010	—	Deutsche Welle relay	Sines, Portugal	0430
6120	—	R. El Mundo	Buenos Aires, Argentina	6015	—	Austrain R.	Vienna, Austria	1030
6135	—	R. Univ. Concepcion	Concepcion, Chile	6025	ZPA1	R. Nacional	Asuncion, Paraguay	1200
6135	—	R. Tahiti	Papeete, Tahiti	6025	—	R. Tashkent	Tashkent, USSR	0630
6156	—	R. Citadelle	Cap Haitien, Haiti	6035	—	R. Sweden	Stockholm, Sweden	1130
6160	CKZU	—	Vancouver, Canada	6045	OCY4H	R. Santa Rosa	Lima, Peru	1800
6180	TGWA	LV Guatemala	Guatemala City, Guatemala	6070	CFRX	—	Toronto, Canada	0045
6195	—	British B.C. relay	Tebrau, Malaysia	6080	—	R. TV Belge	Brussels, Belgium	0045
6200	—	Nat. R.B. Station	Vientiane, Laos	6085	ZY887	R. Jornal Comercio	Recife, Brazil	0130
6200	—	R. Tirana	Tirana, Albania	6085	—	All India R.	Madras, India	1300
6210	—	R. Pakistan	Karachi, Pakistan	6090	—	R. Luxembourg	Luxembourg	0000
6230	—	R. Andorra	Andorra	6105	XEQM	Su Pantera	Merida, Mexico	1230
6540	—	R. Pyongyang	Pyongyang, N. Korea	6115	XEUDS	R. Univ. Sonora	Hermosillo, Mexico	0230

41 Meter Band—7100-7300 kHz

7065	—	R. Tirana	Tirana, Albania	0000
7105	—	British B.C. relay	Ascension Is.	0330
7105	—	R. Mascow relay	Sofia, Bulgaria	0030
7105	—	Trans World R.	Monte Carlo, Monaco	0730
7115	—	RTV Marocaine	Sebba-Aiouan, Morocco	2130
7120	—	R. Peking relay	Tirana, Albania	0300
7125	—	Rdf. Nationale	Conakry, Guinea	0100
7130	—	Deutsche Welle	Cologne, W. Germany	0530
7150	—	British B.C.	London, England	0800
7155	—	R. Jordan	Amman, Jordan	1000
7165	—	R. Pakistan	Karachi, Pakistan	1300
7170	—	V. America relay	Okinawa, Ryukyu Is.	1100
7170	—	R. Naumea	Naumea, New Caledonia	0700
7200	—	V. America relay	Kavala, Greece	0600
7215	—	R. Budapest	Budapest, Hungary	0100
7215	—	R. TV Bruneu	Tutong, Brunei	1400
7215	—	V. Greece	Athens, Greece	0630
7215	—	R. Kiev	Kiev, USSR	0030
7230	—	R. Nacional	Luanda, Angola	0400
7250	—	R. Singapore	Singapore	0030
7275	—	RTV Gabonaise	Libreville, Gabon	0730
7335	CHU	V. Nigeria	Lagos, Nigeria	0500
			Ottawa, Canada	0300

31 Meter Band—9500-9775 kHz

9099	—	Israel B. Auth.	Jerusalem, Israel	2000
9022	—	V. Iran	Teheran, Iran	2000
9300	—	Syrian Arab Rep. B.S.	Damascus, Syria	1830
9360	—	RTV Espana	Madrid, Spain	0300
9410	—	British B.C.	London, England	2000
9440	—	R. Peking	Peking, China	0030
9445	—	R. Canada Int.	Montreal, Canada	2200
9460	—	R. Pakistan	Karachi, Pakistan	1630
9475	—	R. Cairo	Cairo, Egypt	0200
9500	—	R. Japan	Tirana, Albania	2030
9505	—	OAX4V	Tokyo, Japan	0700
9510	—	R. America	Lima, Peru	0400
9515	—	Far East B. Assoc.	Victoria, Seychelles Is.	1700
9515	—	V. Australia	Melbourne, Australia	0700
9515	—	V. Turkey	Ankara, Turkey	2200
9525	—	R. Havana Cuba	Havana, Cuba	0730
9525	—	All India R.	Delhi, India	2100
9525	—	R. Korea	Seoul, S. Korea	1000
9525	—	Trans World R.	Monte Carlo, Monaco	1030
9525	WYFR	Family R.	Oakland, USA	0200
9540	—	British B.C. relay	Limassol, Cyprus	1715
9540	—	R. Tashkent	Tashkent, USSR	1200
9540	—	Polish R.	Warsaw, Poland	1800
9545	—	R. France Int.	Paris, France	1700
9545	—	Deutsche Welle relay	Antigua, W.I.	0500
9550	—	R. Norway	Oslo, Norway	0030
9555	—	R. Kuwait	Kuwait	1830
9560	HCJB	R. Sofia	Sofia, Bulgaria	0130
9562	OAX4R	V. Andes	Quito, Ecuador	0230
9566	—	R. Nacional	Lima, Peru	1700
9572	CE926	V. Chile	Santiago, Chile	1630
9575	—	Emisora Diego Portales	Rome, Italy	0100
9580	—	RAI	Melbourne, Australia	1130
9590	—	R. Australia	Ascension Is.	0230
9590	—	British B.C. relay	Manzini, Swaziland	0500
9590	—	Trans World R.	Tashkent, USSR	1400
9600	—	R. Tashkent	Perth, Australia	1400
9610	VLW9	Australian B.C.	Kiev, USSR	0030
9610	—	R. Kiev	Vatican City	0030
9605	—	Vatican R.	Moputo, Mozambique	0600
9620	—	R. Mozambique	Berne, Switzerland	0100
9625	—	Swiss B.C.	Madrid, Spain	0100
9630	—	RTV Espana	San Jose, Costa Rica	0300
9645	TIFC	Faro del Caribe	—	—

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Computer New Products

(Continued from page 52)

switches and both male and female standard double-row flat ribbon cable socket connectors. All this in a tidy molded package. The device comes in five cable line widths most popularly used in ribbon systems: 20, 26, 34, 40 and 50 contacts (lines) wide. It has a female connector at one end, a male at the other, and line-by-line discrete switching in between. Intra-Switch plugs directly into the line at any point where a connector is incorporated into ribbon jumper system. Then, as a probe point or pen point moves each switch toward the open or closed label molded into the switch, each line is selectively opened or closed. Each switch provides a graphic reference of its line's status. A designed-in wiping action is used to maximize contact integrity: Prices vary from \$12 to \$21. AP Products, Inc., Box 110, 72 Corwin Drive, Painesville, Ohio 44077. Circle 59 on Reader Service Coupon for more information about this product.

Desk-Top Microcomputer — Edmund Scientific offers this SOL-20 Microcomputer for \$1,495. The fully-assembled desk-top personal microcomputer can be directly interfaced with a TV monitor to make it operational. The SOL-20 includes an 8080 microprocessor; a 4K memory composed of 2K programmed personality module, 1K display memory, and 1K program memory; full function (upper and lower case) alpha/numeric



keyboard with separate arithmetic keyboard; direct video monitor and cassette tape interface circuitry; cassette tape with BASIC 5 computer programming language (requires 5K of program memory); comprehensive user's manual; complete technical maintenance manual with troubleshooting guides; Basic 5 programming manual; interface manual for external devices and accessories; cabinet with solid walnut sides. The SOL-20 is backed by a "total support program" that includes a complete line of peripherals and expansion modules. Among these are: a video monitor; both 8K and 16K plug-in memory modules; and basic instructional, math, scientific and fun computer game programs. Edmund Scientific Co., 380 Edscorp Building, Barrington, NJ 08007. Circle number 58 on Reader Service Coupon.

New Products

(Continued from page 6)



CIRCLE 52 ON READER SERVICE COUPON

mined rhythm patterns, the PAIA programmable Drum Set allows the user to tailor pattern, time signature and drum sounds to each application. Among the unique features provided by the unit are touch sensitive electronic controls and the provision for an independently structured bridge rhythm. Battery powered, the drum set includes a "memory save" switch which provides a lowered "keep-alive" voltage to the drum set's 256 byte memory. The PAIA 3750 Programmable Drum Set is available in kit form for \$79.95 plus \$3.00 postage and insurance from: PAIA Electronics, Inc., 1020 W. Wilshire Blvd., Oklahoma City, OK 73116. A free catalog is also available featuring other state-of-the-art kits.

Micro Cassette Recorder

Panasonic's most unique item in its extensive tape recorder line is an AC/battery micro cassette capstan drive

recorder that fits into the shirt pocket and delivers full feature performance. Model RQ-170S offers 60 minutes of recording time with one micro cassette tape included, with capstan drive that assures constant tape speed, and outstanding sound quality. It comes complete with a built-in condenser micro-



CIRCLE 60 ON READER SERVICE COUPON

phone, and a quick battery recharge system (in only 5 hours with optional rechargeable battery RP-094). Other features include one-hand operation with one-touch recording, FF/Cue, REW/Review, play, stop, and pause, accidental erasure prevention system and circuitry for automatic level control. Model RQ-170S comes with 2 Panasonic Hi-Top "A" size batteries, 2 blank micro cassette tapes, carrying case and earphone. Sells for \$129.95. Available at audio retail outlets across the country.

LITERATURE LIBRARY

301. Get acquainted with the new *EICO* products, designed for the professional technician and electronics hobbyist. Included in brochure are 7 IC project kits, *EICO's* "Foneaids," security products and many varied kits.

302. *International crystal* has illustrated folders containing product information on radio communications kits for experimenters (PC boards; crystals; transistor RF mixers & amplifiers; etc.).

303. *Regency* has a new low cost/high performance UHF/FM repeater. Also in the low price is their 10-channel monitorradio scanner that offers 5-band performance.

304. *Dynascan's* new B & K catalog features test equipment for industrial labs, schools, and TV servicing.

305. Before you build from scratch, check the *Fair Radio Sales* latest catalog for surplus gear.

306. Get *Antenna Specialists'* catalog of latest mobile antennas, test equipment, wattmeters, accessories.

307. Want a deluxe CB base station? Then get the specs on *Tram's* super CB rigs.

308. Compact is the word for *Xcelite's* 9 different sets of midget screwdrivers and nutdrivers with "piggyback" handle to increase length and torque. A handy show case serves as a bench stand also.

310. *Turner* has two booklets on their Signal Kicker antennas. They give specifications and prices on their variety of CB base and mobile line. Construction details help in your choice.

311. *Midland Communications'* line of base, mobile and hand-held CB equipment, marine transceivers, scanning monitors, plus a sampling of accessories are covered in a colorful 18-page brochure.

312. *The EDI (Electronic Distributors, Inc.)* catalog is updated 5 times a year. It has an index of manufacturers literally from A to X (ADC to Xcelite). Whether you want to spend 29 cents for a pilot-light socket or \$699.95 for a stereo AM/FM receiver, you'll find it here.

313. Get all the facts on *Progressive Edu-Kits* Home Radio Course. Build 20 radios and electronic circuits; parts, tools, and instructions included.

316. Get the *Hustler* brochure illustrating their complete line of CB and monitor radio antennas.

317. *Teaberry's* new brochure presents their complete lines of CB and marine transceivers and scanners for monitoring police, fire and other public service frequencies.

318. *GC Electronics* offers an "Electronic Chemical Handbook" for engineers and technicians. It is a "problem solver" with detailed descriptions, uses and applications of 160 chemicals compiled for electronic production and packaging. They are used for all types of electronic equipment.

319. *Browning's* mobiles and its famous Golden Eagle base station, are illustrated in detail in the new 1977 catalog. It has full-color photos and specification data on Golden Eagle, LTD and SST models, and on "Brownie," a dramatic new mini-mobile.

320. *Edmund Scientific's* new catalog contains over 4500 products that embrace many sciences and fields.

321. *Cornell Electronics'* "Imperial Thrift Tag Sale" Catalog features TV and radio tubes. You can also find almost anything in electronics.

322. *Radio Shack's* 1977 catalog colorfully illustrates their complete range of kit and wired products for electronics enthusiasts—CB, ham, SWL, hi-fi, experimenter kite, batteries, tools, tubes, wire, cable, etc.

323. Get *Lafayette Radio's* "new look" 1977 catalog with 260 pages of complete electronics equipment. It has larger pictures and easy-to-read type. Over 18,000 items cover hi-fi, CB, ham rigs, accessories, test equipment and tools.

327. *Avant!'s* new brochure compares the quality difference between an Avant! Racer 27 base loaded mobile antenna and a typical imported base loaded antenna.

328. A new free catalog is available from *McGee Radio*. It contains electronic product bargains.

329. Semiconductor Supermart is a new 1977 catalog listing project builders' parts, popular CB gear, and test equipment. It features semiconductors—all from *Circuit Specialists*.

330. There are nearly 400 electronics kits in *Heath's* new catalog. Virtually every do-it-yourself interest is included—TV, radios, stereo and 4-channel, hi-fi, etc.

331. *E. F. Johnson* offers their CB 2-way radio catalog to help you when you make the American vacation scene. A selection guide to the features of the various messenger models will aid you as you go through the book.

332. If you want courses in assembling your own TV kits, *National Schools* has 10 from which to choose. There is a plan for GIs.

333. Get the new free catalog from *Howard W. Sams*. It describes 100's of books for hobbyists and technicians—books on projects, basic electronics and related subjects.

334. *Sprague Products* has L.E.D. readouts for those who want to build electronic clocks, calculators, etc. Parts lists and helpful schematics are included.

335. The latest edition of the *TAB BOOKS* catalog describes over 450 books on CB, electronics, broadcasting, do-it-yourself, hobby, radio, TV, hi-fi, and CB and TV servicing.

337. *Pace* communications equipment covers 2-way radios for business, industrial and CB operations. Marine radiotelephones and scanning receivers are also in this 18-p. book.

338. "Break Break," a booklet which came into existence at the request of hundreds of CBers, contains real life stories of incidents taking place on America's highways and byways. Compiled by the *Shakespeare Company*, it is available on a first come, first serve basis.

342. *Royce Electronics* has a new 1977 full line product catalog. The 40-page, full-color catalog contains their entire new line of 40-channel AM and SSB CB transceivers, hand-helds, marine communications equipment, and antennas and accessories.

344. For a packetful of material, send for SBE's material on UHF and VHF scanners, CB mobile transceivers, walkie-talkies, slow-scan TV systems, marine-radios, two-way radios, and accessories.

345. For CBers from *Hy-Gain Electronics Corp.* there is a 50-page, 4-color catalog (base, mobile and marine transceivers, antennas, and accessories). Colorful literature illustrating two models of monitor-scanners is also available.

350. Send for the free *NRI/McGraw Hill* 100-page color catalog detailing over 15 electronics courses. Courses cover TV-audio servicing, industrial and digital computer electronics, CB communications servicing, among others G.I. Bill approved, courses are sold by mail.

352. Send for the free descriptive bulletin from *Finney Co.* It tells all about their new auto FM radio signal booster (eliminates signal fading).

353. *MFJ* offers a free catalog of amateur radio equipment—CW and SSB audio filters, electronic components, etc. Other lit. is free.

354. A government FCC License can help you qualify for a career in electronics. Send for information from *Cleveland Institute of Electronics*.

355. New for CBers from *Anixter-Mark* is a colorful 4-page brochure detailing their line of base station and mobile antennas, including 6 models of the famous Mark Heliwhip.

356. Send for *Continental Specialties* new bread-boarding prototest devices. They vary in prices from a mini-budget kit at \$19.95. Featured is the new logic monitor, giving information on what it does, how it works, and how to use it.

357. *Dage Scientific Instruments* offers a 16-page booklet on how to build an electronic thermometer with control. Included is an introductory course on thermocouples, schematics and many applications.

358. *PixTronics* announces its new Model 200 Super Sensitive Electronic Darkroom Exposure Meter, used to determine the correct exposures of all black-and-white and color negatives. Useable with any enlarger.

359. *Electronics Book Club* has literature on how to get up to 3 electronics books (retailing at \$58.70) for only 99 cents each... plus a sample Club News package.

360. *Cornell-Dubilier* has a 4-color, 4-page, brochure on its Ham II, CD-44, and Big Talk rotor communication systems. Exploded half tones detail interior rotor construction, and tables list specs.

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\$500.00 WEEKLY! IMMEDIATE. Guaranteed home income stuffing envelopes. FREE Supplies! Send 25¢ Stamp. Profits, B725-DP9, Belen, NM 87002.

\$1,000 MONTHLY POSSIBLE. mailing commission letters. Information-Free! OPPORTUNITIES Box 721D, Lynbrook, NY 11563.

\$250.00 profit/thousand possible-stuffing-mailing envelopes. Offer: Rush stamped addressed envelope. Universal-ADVS X16180 Fort Lauderdale, FL 33318.

I make \$52,000 yearly mailing letters. Anyone can. Free proof. Sandco-DP, Ceres, CA 95307.

FREE REPORT! Money can set you free. Get The Answer! Patrice 8724 G St., Dept. C, Oakland, CA 94621.

\$500.00 PROFIT Stuffing 1,000 envelopes. 25 Cents Details Canapro Enterprises, Box 215C, Station "H," Montreal, Que., Canada.

\$30.00 HUNDRED STUFFING our circulars into stamped addressed envelopes. Beginner's Kit \$2.00. Mustachi, P.O. Box 46D9, Brooklyn, NY 11219.

MAKE YOUR CLASSIFIED AD PAY. Get "How to Write A Classified Ad That Pays." Includes certificate worth \$2.00 towards a classified ad in this publication. Send \$1.50 (includes postage) to R. S. Wayner, Davis Publications, Inc., Dept. CL, 229 Park Avenue South, New York, NY 10003.

HOMEWORKERS! Big \$\$\$ stuffing envelopes. Free details. Sayco, 824DS, Augusta, Elgin, IL 60120.

\$300.00 WEEKLY. Mailing Circulars. Write: MCGUIRE. Box 144, Tacoma, WA 98412.

\$3 HOURLY stuffing envelopes. Easy work. Details free. Feldco, Box 228 Ryder, Brooklyn, 11234.

HOW to Pray and get rich; Amazing method. Free proof. Unipower, 824DS Augusta, Elgin IL 60120.

\$250 per thousand stuffing envelopes. Free supplies, rush SASE, Mosely, Box 364, Seaford, DE 19973.

HOW to make up to \$3,600 just for furnishing us 24 names. Information supplied 50¢. Taco, Box 12781, St. Louis 63141.

YOUR own advertising agency! Details free! New, 7247-N Eccles, Dallas, TX 75227.

BIG MONEY EARNINGS. DOZENS of HOMEWORK OFFERS. FREE DETAILS. Rush stamped self addressed envelope PETERSEN ENTERPRISES 1030 10th Lane, Vero Beach, Florida 32960.

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MONEY MAKERS CLUB will help you make and save thousands. Outstanding income and investment opportunities. B1 monthly newsletter, profit sharing program. Membership fee \$20.00. Join now, receive free vacation gift certificate worth \$170.00. No additional fees ever. P.O. Box 1709, Myrtle Beach, S.C. 29577.

MONEY! Big money! Guaranteed! Write: Box 3127, Inglewood, CA 90304.

\$500.00+ WEEKLY \$2000.00+ MONTHLY Mailing Circulars 25¢ HECKMAN Box 786 Hamshire, Texas 77622.

ANNOUNCING! Fantastic new homework \$\$\$ Write: Regal, 10835 SE Powell Blvd. #35, Portland, OR 97266.

PERSONAL

JAPANESE introduction! Girl's photographs, descriptions, brochure, details. \$1.00. INTER-PACIFIC, Box 304-SC, Birmingham, MI 48012.

SINGLE? Widowed? Divorced? Nationwide introductions! Identity, Box 315-DC, Royal Oak, MI 48068.

CANADA INVITES YOU to become a MILLIONAIRE. Join our famous lottery October 9-12. INSTANT MILLIONAIRE. 150,000 winners \$32 million in prizes. All purchasers receive prize list tickets \$10 plus \$2 fee. Send check to Bridge International, Box 35301, Vancouver V6M 465 Canada.

JAPANESE Girls Make Wonderful Wives. We have large number of listings. Many interested in marriage. Only \$1.00 brings application, photos, names, descriptions, questionnaire, Etc. Japan International, Box 156-AA, Carnelian Bay, CA 95711.

BEAUTIFUL Mexican-Oriental girls needing American Boy-Friends. Free Details, "actual" photos. World, Box 3876-DC, San Diego, CA 92103.

LOSE weight fast new concept, send \$6.95 to Advertising Specialties, Box 7251, Burbank, CA 91510.

BECOME an Ordained MINISTER. Credentials \$4.00 Offering. United Church of the Apostles Chapel 8763, 246 East Granada Avenue, Lindenhurst, New York 11757.

DATES GALORE! Meet singles-anywhere. Call DATELINE, toll-free (800) 451-3245.

"DATE WITH DIGNITY" Professional Matching. Drawing 6765, Fort Worth, 76115 (817) 921-0281 Anytime.

LATIN AMERICAN GIRLS appreciate their men. Let us introduce you to a dark-eyed, unspoiled beauty. Complete application package and photo selection \$2.00. Maria Garcia, Box 80801D, San Diego, CA 92138.

BEAUTIFUL MEXICAN GIRLS! Friendship, marriage. Photos information free! "Latinas," Box 1716-DE, Chula Vista, CA 92012.

ADULT Pleasure Products-over 600 items! Giant catalog \$1.00. Clifton's D-1068, Saugus, CA 91351.

\$400,000 FIRST prize from monthly drawn Singapore sweep lottery. Bonus of Asian trip. Many prizes \$6. for 5 tickets. Airmail check, money order payable, Leong Chee Ann, GPO Box 2090, Singapore. Only \$10 for 9 tickets or \$30 for 6 monthly draws (30 tickets).

500 Ladies, 350 Men Photos Matrimonial Catalog, \$1.00 Contactpartner: Box 12, Toronto, Canada M4A 2M8.

BACHELORS, WE HAVE THEM: YOUR TYPE GIRLS seeking marriage, displayed in MATRIMONIAL CATALOG, 750 beautiful photos, all details mailed sealed as "YOUR LUCKY CHOICE" for \$2. by: O.I.B., Box 893 Sta. A, Peel, Montreal, Canada.

SWEDISH girls. Details, photos \$1. Sweden International, Box 7425-DC, Chicago 60680, USA.

FREE adult catalog. New, 7247 Eccles, Dallas, TX 75227.

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WHOLESALE, Printing Office Supplies, Equipment, Free Catalog, Atlanta, DP-9, Box 1678, Florence, South Carolina 29503.

SURPLUS EQUIPMENT

GIANT Bargain Packed Canadian Surplus Catalogs \$1.00. Etco Electronics-DG, Box 741, Montreal

THERE IS NO CHARGE FOR THE ZIP CODE—PLEASE USE IT IN YOUR CLASSIFIED AD

(Continued from page 38)

Cotariu of Skokie, Ill. His remarks follow the decision by some stations, such as Radio Canada International to cut back on some of its services to SWLing hobbyists.

"Shortwave stations do not exist solely to help the SWL in his hobby," Lawrence writes. "They were not



"I finally decided to jump on the bandwagon and send in my picture," says Chicagoan Alan J. Stankevitz. "I'm not in the picture because the radios, I feel, are more beautiful than my face. Ha Ha!" Aw come on, Alan, you must be kidding! That's a mighty nice line up of gear, however, built around a new Yaesu Musen FRG-7 (center, bottom), and flanked on the left by a Realistic DX-160, and, on the right, by a Hallcrafters SX-96.

funded and built for the purpose of issuing QSL cards to listening hobbyists. . . . There is a large part of the world's population that listens to shortwave programs with no thought of calling their listening a hobby. In fact, many don't even know about the hobby aspects of SWLing or QSLing.

"One group is the diplomatic corps from various nations. (Good point, Lawrence, considering the letter above from reader Jim Halsma. Editor) Others include the news media around the world.

Entebbe" last year. The hostages were "A case in point is the "Raid on listening to Radio Uganda on a portable radio, while they were in a room at Entebbe airport. In fact, all the countries involved in the negotiations were monitoring this shortwave station. . . ."

As were we here at DX Central, Lawrence. SWLs should not forget, as you suggest, that there is much more to the business of shortwave lis-

PHOTOS WANTED!

Would you like to see your photo in Elementary Electronics? Okay, then, send us a nice clear photo of you and your DXing equipment. Any sharp photo will do, but we prefer to see you at your rig. Along with the photo, please tell a little about you and your DXing activities and interests. Also, please identify the make and type of the receiver and other equipment shown in the photograph. Sorry, we can't return photographs.



GRS, General Radio Service, that's Canada's version of CBing. Rupert Hewson, 16, Listowel, Ontario, is an active operator on the GRS frequencies, but he also uses a Viking portable receiver for medium and shortwave DXing.

tening than just tuning in a station for a half hour, writing a reception report and waiting for a QSL. There is an awful lot of just plain good listening to be had on the shortwave bands. And SWLing is a great way, as with the Uganda situation, to really keep on top of the world news as it happens!

In fact, there are so many different aspects of SWLing, and the whole field of DXing, from the long waves to UHF, that there is something to interest and occupy everyone!

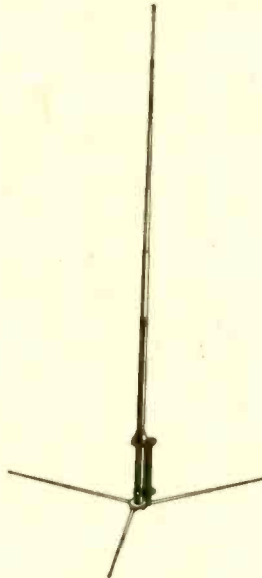
CB New Products

(Continued from page 55)

on the 4th section of its 5-unit mast and has an extremely low SWR. This excellent SWR is made available with a fine tuning, signal-splitting coupler using a CB tuning/trimmer condenser. Made to retail for around \$79.00, Breaker Beam is designated as Model 10-500 and may be used for CB Channels 1 through 40; has a 60pFd nominal AM capacitance; and is complete with pre-set extra-long cables which should not be trimmed at installation. The antenna mast is made of stainless steel while the housing is fabricated from heavy duty, weather resistant metals. For more information, write to EV Game, Inc., 186 Buffalo Ave., Freeport, NY 11520.

Super Swamper CB Base Antenna

The Hustler Super Swamper Model 27-TD CB base antenna is said to deliver the most possible range from a CB base station plus the added benefit of an omnidirectional full-coverage transmitting and receiving pattern. The Super Swamper is designed for extra-long-distance two way base communication on 23 or 40 channel CB, AM or SSB. Power gain of this base antenna is greater than 4.25 DB, compared to a 1/4 wave ground plane. The Swamper's .64 wavelength plus full size, 1/4 wave radials puts the majority of the signal out where the CBER wants it—at a low angle toward the horizon, not up toward the sky. A



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sealed RF power step-up transformer, DC grounded for lightning protection and static drain off, provides peak power performance in any weather. SWR of the "Super Swamper" is 1.15:1 at resonance and 1.5:1 or better over the entire 40 channel CB bandwidth. The Swamper is supplied complete with all mounting hardware, element end caps, and factory marked dimensions. Suggested list price of the Hustler Super Swamper, Model 27-TD, is \$63.55. For more facts, write to Newtronics Corp., 15800 Commerce Park Drive, Brookpark, OH 44142.

Ask Hank, He Knows

(Continued from page 8)

Cuyahoga Falls, OH 44221

Good luck, Ron, on your new club. I suggest you concentrate on getting members from your school and neighborhood so that you can hold meetings, exchange ideas and info, and train each other. A very active local club will do much more for new members than a state-wide club can.

Playing With Matches

What is the difference between an antenna match box made for a base station and one made for an automobile?

—R. T., Pine Bush, NY

There should be none provided they are both rated for the same power. Base units are made fancier, some are made with desk-top finishings, etc. Hams should watch maximum ratings carefully. CBERs need not. Just about every match box made can handle the power.

Bigger Spread

Hank, is it true that Cadmium Sulfide photocells see better than the human eye? My teacher says so, and I think he is wrong.

—D. G., Boulder, CO

The human eye has an approximate range of 500 to 600 microns for the wavelength of light it sees. The cadmium sulfide uses about 500 to 700 microns. So you see, your teacher is correct, provided you are talking about the light spectrum.

kHz	Call	Name	Location	GMT	kHz	Call	Name	Location	GMT
9645	—	R. Norway	Oslo, Norway	0100	15300	—	R. Japan	Tokyo, Japan	0000
9650	—	R. Peace & Progress	Moscow, USSR	0100	15305	—	R. Sweden	Stockholm, Sweden	1400
9670	—	Adventist World R.	Sines, Portugal	2045	15320	—	R. Australia	Melbourne, Australia	0100
9670	—	B. S. Kingdom, Saudi Arabia	Jiddah, Saudi Arabia	1300	15320	—	R. Nederland relay	Banair, Neth. Antilles	2300
9675	—	Polish R.	Warsaw, Poland	0630	15325	—	R. Canada Int.	Montreal, Canada	1800
9685	—	V. Free China	Taipei, Taiwan	1715	15325	—	R. Pakistan	Karachi, Pakistan	0630
9690	—	Austrian R.	Vienna, Austria	1830	15335	—	R. Nacional	Bagota, Colombia	2300
9700	—	R. Sofia	Sofia, Bulgaria	0000	15345	—	Austrian R.	Vienna, Austria	1830
9710	—	R. Moscow	Moscow, USSR	0230	15349	—	R. Nacional	Buenos Aires, Argentina	1300
9710	—	RAI	Rome, Italy	2200	15355	—	RT Luxembourg	Luxembourg	1500
9715	—	R. Nederland	Hilversum, Netherlands	2200	15365	—	R. Free Europe	Portugal	1600
9720	—	Sri Lanka B.C.	Colombo, Sri Lanka	1400	15415	—	V. America	Dixon, USA	2330
9730	—	Uganda B.C.	Kampala, Uganda	2030	15420	—	R. Kuwait	Kuwait	1330
9730	—	B. S. Kingdom, Saudi Arabia	Riyadh, Saudi Arabia	2130	15425	—	British B.C. relay	Limassol, Cyprus	1700
9740	—	R. Splendid	Buenos Aires, Argentina	0200	15435	—	Sri Lanka B.C.	Colombo, Sri Lanka	1230
9740	—	R. Portugal	Lisbon, Portugal	0400	15435	—	R. Tanzania	Dar es Salaam, Tanzania	1900
9750	—	R. Sweden	Stockholm, Sweden	1400	15440	—	British B.C. relay	Tebrau, Malaysia	2300
9770	4VEH	R. 4VEH	Cap Haitien, Haiti	1800	15440	—	Far East B.C.	Manila, Philippines	2330
9780	—	R. Sanaa	Sanaa, Yemen Arab Rep.	2000	15485	—	R. Peace & Progress	Moscow, USSR	1300
9815	—	Israel B. Auth.	Jerusalem, Israel	2230	15560	—	Israel B. Auth.	Jerusalem, Israel	1200
9833	—	R. Budapest	Budapest, Hungary	0200			R. Pyongyang	Pyeongyang, N. Korea	2200

25 Meter Band—11700-11975 kHz

11290	—	R. Peking	Peking, China	0500
11535	—	R. Pyongyang	Pyongyang, S. Korea	2300
11646	—	R. Hargeisa	Hargeisa, Somali Rep.	1500
11655	—	Israel B. Auth.	Jerusalem, Israel	1230
11695	—	R. Peyk-e-Iran	Clandestine	1600
11700	—	R. Berlin Int.	Berlin, E. Germany	1400
11700	—	R. Clarin	Santo Domingo, Dominican Rep.	2330
11705	—	R. New Zealand	Wellington, N. Zealand	0400
11710	—	R. Noumea	Noumea, New Caledonia	0430
11710	WINB	—	Red Lion, USA	0000
11730	—	V. Greece	Athens, Greece	1500
11740	—	R. Nederland relay	Talata, Malagasy Rep.	1900
11740	—	All India R.	Delhi, India	2230
11745	—	R. France Int.	Paris, France	0800
11755	—	R. Finland	Helsinki, Finland	1430
11760	—	V. America	Greenville, USA	1930
11765	—	Far East B.C.	Manila, Philippines	0800
11770	—	Dem. Yemen B.S.	Aden, So. Yemen	2030
11780	PRLB	R. Nac. Brasilia	Brasilia, Brazil	2100
11789	—	V. Indonesia	Jakarta, Indonesia	1400
11790	—	R. Portugal	Lisbon, Portugal	2330
11795	—	Deutsche Welle relay	Kigali, Rwanda	2330
11800	—	R. Veritas	Manila, Philippines	1100
11800	—	R. RSA	Johannesburg, S. Africa	2100
11805	WYFR	Family R.	Oakland, USA	1930
11810	—	V. Chile	Santiago, Chile	1100
11810	—	All India R.	Aligarh, India	1330
11825	—	R. Tahiti	Papeete, Tahiti	0330
11830	—	V. OAS	Bethany, USA	2345
11835	HCJB	V. Andes	Quito, Ecuador	0330
11845	—	R. Australia	Melbourne, Australia	0600
11850	—	Far East B.C.	Manila, Philippines	0800
11860	—	R. France Int.	Paris, France	1900
11865	ZY885	R. Cl. Pernambuco	Recife, Brazil	0100
11875	—	R. Japan	Tokyo, Japan	2330
11880	—	V. Turkey	Ankara, Turkey	2000
11895	—	R. Norway	Oslo, Norway	1600
11905	—	RAI	Rome, Italy	1830
11910	—	RTV Algerienne	Algiers, Algeria	1800
11920	—	R. Abidjan	Abidjan, Ivory Coast	0600
11925	—	V. Greece	Athens, Greece	1800
11925	—	Trans World R.	Banair, Neth. Antilles	0100
11940	—	RTV Belge	Brussels, Belgium	1730
11945	ELWA	Sudan Interior Mission	Monrovia, Liberia	2000
11955	—	British B. C. relay	Tebrau, Malaysia	0000
11955	—	Trans World R.	Manzini, Swaziland	1800
11960	—	R. Nat. Mali	Bamako, Mali	1800
11990	—	R. Prague	Prague, Czechoslovakia	1430
13250	—	R. Euzkadi	Clandestine	2130

19 Meter Band—15100-15450 kHz

15012	—	V. Vietnam	Hanoi, Vietnam	2030
15060	—	R. Peking	Peking, China	0000
15100	—	R. Kiev	Kiev, USSR	0030
15105	—	R. Grenada	Grenada, W.I.	2100
15105	—	R. Japan	Tokyo, Japan	2200
15110	—	R. Finland	Helsinki, Finland	1430
15120	—	V. Nigeria	Lagos, Nigeria	1800
15120	—	Vatican R.	Vatican City	2030
15145	ZY887	R. Jarnal Comercio	Recife, Brazil	0100
15150	—	V. Chile	Santiago, Chile	2300
15165	—	R. Denmark	Copenhagen, Denmark	1800
15165	—	R. Nederland relay	Talata, Malagasy Rep.	1700
15170	—	R. Tahiti	Papeete, Tahiti	0200
15175	—	LV America Latina	Mexico City, Mexico	2130
15175	—	R. Norway	Oslo, Norway	1600
15180	—	R. Moscow	Moscow, USSR	0030
15180	—	R. Nederland	Hilversum, Netherlands	1800
15185	—	V. America relay	Colombo, Sri Lanka	0130
15185	—	R. Peace & Progress	Moscow, USSR	1230
15195	—	R. Japan	Tokyo, Japan	2330
15210	—	R. France Int.	Paris, France	1530
15220	—	R. RSA	Johannesburg, S. Africa	0600
15225	—	RTV Tunisienne	Tunis, Tunisia	1430
15225	—	V. Free China	Taipei, Taiwan	0030
15235	—	Far East B.C.	Manila, Philippines	0100
15245	—	R. Nac. Brasilia	Brasilia, Brazil	2100
15290	—	R. El Mundo	Buenos Aires, Argentina	2200
15290	—	V. America relay	Tinang, Philippines	0030

16 Meter Band—17700-17900 kHz

17540	—	RTV Algerienne	Algiers, Algeria	1430
17670	—	R. Cairo	Cairo, Egypt	1200
17695	—	British B.C. relay	Limassol, Cyprus	1500
17705	—	R. Havana Cuba	Havana, Cuba	1530
17720	—	R. Moscow	Moscow, USSR	2330
17725	—	R. Cairo	Cairo, Egypt	1700
17735	—	R. Free Europe	Portugal	1530
17840	—	R. Prague	Prague, Czechoslovakia	1430
17840	—	British B.C. relay	Ascension Is.	1600
17845	WYFR	Family R.	Oakland, USA	1830
17880	—	R. Berlin Int.	Berlin, E. Germany	1400
17880	—	British B.C. relay	Tebrau, Malaysia	0000
17885	—	R. Havana Cuba	Havana, Cuba	2030
17890	—	V. Free China	Taipei, Taiwan	0000

13 Meter Band—21450-21750 kHz

21460	—	RTV Belge	Brussels, Belgium	1530
21510	—	RAI	Rome, Italy	1600
21535	—	R. RSA	Johannesburg, S. Africa	1600
21580	—	R. France, Int.	Paris, France	1530
21585	—	Swiss B.C.	Berne, Switzerland	1530
21610	—	V. America	Dixon, USA	0000
21640	—	R. Nederland relay	Banair, Neth. Antilles	1730
21740	—	V. America	Greenville, USA	1530

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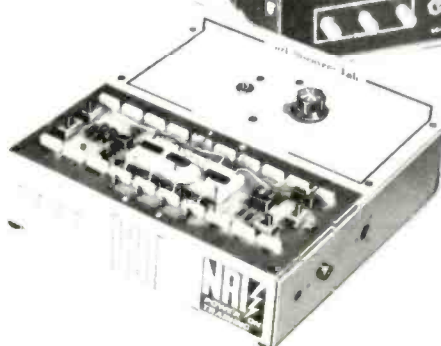
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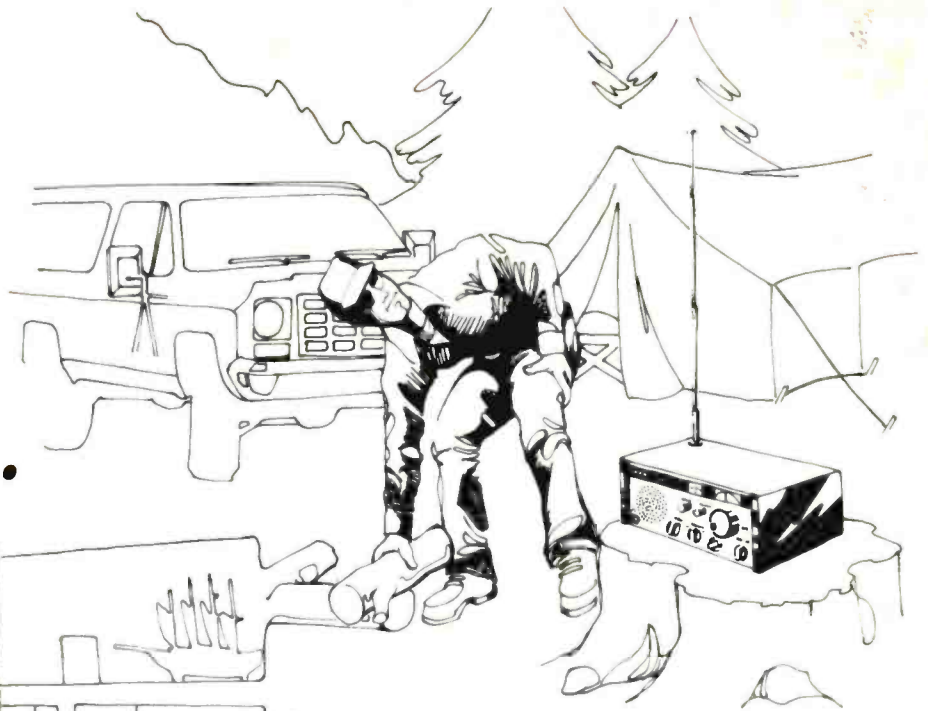


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