

How To Get On The SWL Bandwagon

Radio-TV

WHITE'S RADIO LOG

AM-TV STATIONS / WORLD-WIDE SHORTWAVE LISTINGS



EXPERIMENTER

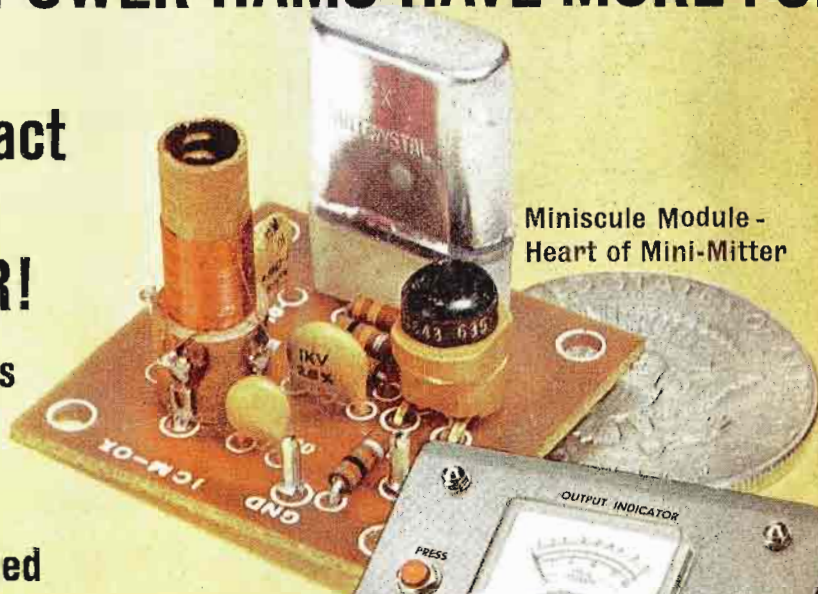
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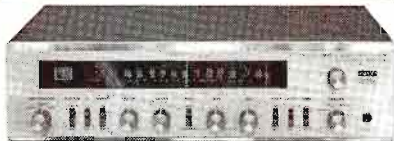
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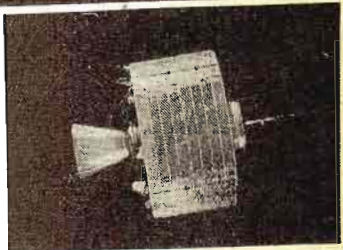
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WHITE'S RADIO LOG

Volume 49, No. 1

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

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

In Our Next Issue, April-May, 1968, the *Log* will contain the following listings: U.S. AM Stations by Location, U.S. FM Stations by States, Canadian AM Stations by Location, Canadian FM Stations by Location, and an expanded Shortwave Section. The shortwave listings are always completely revised in each issue of *Log* to insure 100 percent up-to-date and accurate information.

In the June-July, 1968 issue of *RADIO-TV EXPERIMENTER*, the *Log* will contain the

following listings: U.S. AM Stations by Call Letters, U.S. FM Stations by Call Letters, Canadian AM Stations by Call Letters, Canadian FM Stations by Call Letters, and an expanded World-Wide Shortwave Section.

Therefore, in any three consecutive 1968 issues of *RADIO-TV EXPERIMENTER* magazine, you will have a complete cross-reference listings of *White's Radio Log* that is always up-to-date. The three consecutive issues are a complete volume of *White's Radio Log* that offers up to the minute listings that are not to be found in any other magazine or book. If you are a broadcast band DX'er, FM station logger, like to photograph distant TV test patterns, or tune the shortwave bands, you will find the new *White's Radio Log* format an unbeatable reference. □

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WHITE'S RADIO LOG

U.S. AM Stations by Frequency

U. S. stations listed alphabetically by states within groups. Abbreviations: kHz, frequency in kilocycles; W.P., power in watts; d, operates daytime only; n, operates nighttime only. Wave length is given in meters. Listing indicates stations on the air on October 1, 1967

kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
540—555.5			WBAP Ft. Worth, Tex.	5000		KAVL Lancaster, Calif.	1000		680—440.9		
KVPB Redding, Calif.	5000d		KLUB Salt Lake City, Utah	5000	KFCR San Francisco, Calif.	5000		KNBR San Francisco, Calif.	5000		
KFMB San Diego, Calif.	5000		KVI Seattle, Wash.	5000	WTOR Torrington, Conn.	1000		WPIN St. Petersburg, Fla.	1000d		
WGTO Cypress Gardens, Fla.	5000d		WMAM Marinette, Wis.	2500d	WIOD Miami, Fla.	5000		WRNG N. Atlanta, Ga.	5000		
550—545.1			580—516.9		WMEL Pensacola, Fla.	5000		WCTT Corbin, Ky.	1000		
WDAC Columbus, Ga.	5000		WABT Tuskegee, Ala.	5000d	KUAM Agana, Guam	10000		WCBM Baltimore, Md.	10000		
KWMT Ft. Dodge, Iowa	5000d		KIKX Tucson, Ariz.	5000	WRUS Russellville, Ky.	5000		WRKO Boston, Mass.	5000		
KNOE Monroe, La.	5000		KMJJ Fresno, Calif.	5000	KDAL Duluth, Minn.	5000		WDBC Escanaba, Mich.	10000		
WDMV Pocomoke City, Md.	5000		KUBC Montrose, Colo.	5000	WDAF Kansas City, Mo.	5000		KFEQ St. Joseph, Mo.	5000		
WLIX Islip, N.J.	2500d		WDBO Orlando, Fla.	5000	KOJM Havre, Mont.	1000		WINR Binghamton, N.Y.	1000		
WETC Wendell-Zebulon, N.C.	2500d		WGAC Augusta, Ga.	5000	KCSR Chadron, Nebr.	1000d		WNYR Rochester, N.Y.	250		
WARO Canonsburg, Pa.	2500		KFXD Nampa, Idaho	5000	WEIR Manchester, N.H.	5000		WPTF Raleigh, N.C.	5000		
WYNN Florence, S.C.	2500		WILL Urbana, Ill.	5000d	KGEM Albuquerque, N.Mex.	5000		WISR Butler, Pa.	2500d		
WDXN Clarksville, Tenn.	1000d		KSAJ Manhattan, Kans.	5000	WYCS Charlotte, N.C.	5000		WAPA San Juan, P.Rico.	10000		
WRIC Richlands, Va.	1000d		WIBW Topeka, Kans.	5000	WTVN Columbus, Ohio	5000		WMPS Memphis, Tenn.	10000		
WYLO Jackson, Wis.	2500d		KALB Alexandria, La.	5000	WTP Philadelphia, Pa.	5000		KBAT San Antonio, Tex.	5000		
			WTAG Worcester, Mass.	5000	KILT Houston, Tex.	5000		KOMW Omak, Wash.	1000d		
			WLEO Tupelo, Miss.	5000	KVNU Logan, Utah	5000		WCAG Charleston, W.Va.	10000d		
			KANA Anaconda, Mont.	1000	WLSL Roanoke, Va.	5000					
			WAGR Lumberton, N.C.	500	WPHL Winchester, Va.	500					
			KWIN Ashland, Ore.	1000	KEPR Kennewick-Richmond-Pasco, Wash.	5000					
			WHP Harrisburg, Pa.	5000							
			WKAQ San Juan, P.R.	5000							
			KOBH Hot Springs, S.Dak.	5000d							
			WRKH Roswood, Tenn.	1000d	620—483.6						
			KDVA Lubbock, Tex.	5000d	KTAR Phoenix, Ariz.	5000					
			WLES Lawtonville, Va.	5000d	KNGS Hanford, Calif.	1000					
			WCHS Charleston, W.Va.	5000	KWSD Mt. Shasta, Calif.	1000d					
			KWTD LaCrosse, Wis.	5000	KSTR Grand Junction, Colo.	5000d					
					WSUN St. Petersburg, Fla.	5000					
			590—508.2		WTRP LaGrango, Ga.	1000d					
			KHAR Anchorage, Alaska	5000	KWAL Wallace, Idaho	1000					
			WRAC Carrollton, Ala.	1000d	KMNS Sioux City, Iowa	5000					
			KBHS Hot Springs, Ark.	5000d	WTMT Louisville, Ky.	5000d					
			KFXM San Bernardino, Cal.	1000	WLBZ Bangor, Maine	5000					
			KTHO So. Lake Tahoe, Cal.	1000	WJDX Jackson, Miss.	5000					
			KCSI Pueblo, Colo.	1000	WVNI Newark, N.J.	5000					
			WDLF Panama City, Fla.	1000	WHEN Syracuse, N.Y.	5000					
			WPLO Atlanta, Ga.	5000	WTBP LaGrango, Ga.	1000d					
			KGMB Honolulu, Hawaii	5000	KWAL Wallace, Idaho	1000					
			KID Idaho Falls, Idaho	5000	KWAL Wallace, Idaho	1000					
			WRTH Wood River, Ill.	1000	KWAL Wallace, Idaho	1000					
			WYLK Lexington, Ky.	5000	KWAL Wallace, Idaho	1000					
			WEEI Boston, Mass.	5000	KWAL Wallace, Idaho	1000					
			WKZO Kalamazoo, Mich.	5000	KWAL Wallace, Idaho	1000					
			KGLE Glendive, Mont.	5000d	KWAL Wallace, Idaho	1000					
			WOW Omaha, Nebr.	5000	KWAL Wallace, Idaho	1000					
			WRBW Albany, N.Y.	5000	KWAL Wallace, Idaho	1000					
			WGTM Wilson, N.C.	5000	KWAL Wallace, Idaho	1000					
			KUGN Eugene, Ore.	5000	KWAL Wallace, Idaho	1000					
			WARM Scranton, Pa.	5000	KWAL Wallace, Idaho	1000					
			WMBS Uniontown, Pa.	1000	KWAL Wallace, Idaho	1000					
			KTBC Austin, Tex.	5000	KWAL Wallace, Idaho	1000					
			KSUB Cedar City, Utah	1000	KWAL Wallace, Idaho	1000					
			WLVA Lynchburg, Va.	1000	KWAL Wallace, Idaho	1000					
			KHQ Spokane, Wash.	5000	KWAL Wallace, Idaho	1000					
					630—475.9						
			600—499.7		WAVU Albertville, Ala.	1000d					
			WIRB Enterprise, Ala.	1000	WDB Thomasville, Ala.	1000d					
			KCLS Flagstaff, Ariz.	5000	KYAK Anchorage, Alaska	1000					
			KVCV Redding, Calif.	1000	KJNO Juneau, Alaska	1000					
			KOGO San Diego, Calif.	5000	KVMA Magnolia, Ark.	1000d					
			KZIX Ft. Collins, Colo.	1000d	KIDD Monterey, Calif.	1000					
			WICC Bridgeport, Conn.	5000	KHOW Denver, Colo.	5000					
			WPDQ Jacksonville, Fla.	5000	WMAI Washington, D.C.	5000					
			WMT Cedar Rapids, Iowa	5000	WMAI Washington, D.C.	5000					
			WDOM New Orleans, La.	1000d	WMAI Washington, D.C.	5000					
			WST Caribou, Maine	5000d	WMAI Washington, D.C.	5000					
			WCAO Baltimore, Md.	5000	WMAI Washington, D.C.	5000					
			WLST Escanaba, Mich.	1000d	WMAI Washington, D.C.	5000					
			WTAC Flint, Mich.	1000	WMAI Washington, D.C.	5000					
			KGEZ Kalispell, Mont.	1000	WMAI Washington, D.C.	5000					
			WCVF Murphy, N.C.	1000	WMAI Washington, D.C.	5000					
			WERS Winston-Salem, N.C.	5000	WMAI Washington, D.C.	5000					
			KSJB Jamestown, N.D.	5000	WMAI Washington, D.C.	5000					
			WSOM Salem, Ohio	5000	WMAI Washington, D.C.	5000					
			WFRM Coudersport, Pa.	1000d	WMAI Washington, D.C.	5000					
			WACL Mayaguez, P.R.	1000	WMAI Washington, D.C.	5000					
			WREC Memphis, Tenn.	5000	WMAI Washington, D.C.	5000					
			KROD El Paso, Tex.	5000	WMAI Washington, D.C.	5000					
			KRRS Kermit, Tex.	1000d	WMAI Washington, D.C.	5000					
			KTBB Taylor, Tex.	1000	WMAI Washington, D.C.	5000					
			WVAR Richmond, W.Va.	1000d	WMAI Washington, D.C.	5000					
					640—468.5						
			610—491.5		KFI Los Angeles, Calif.	5000					
			WGSN Birmingham, Ala.	5000	WOL Ames, Iowa	5000d					
					WHLQ Akron, O.	1000d					
					WNAD Norman, Okla.	1000d					
					650—461.3						
					KORL Honolulu, Hawaii	10000					
					WSM Nashville, Tenn.	5000					
					KIKK Pasadena, Texas	250d					
					660—454.3						
					KFAR Fairbanks, Alaska	10000					
					KOWH Omaha, Neb.	1000d					
					WNBC New York, N.Y.	50000					
					WESC Greenville, S.C.	1000d					
					SKSY Dallas, Tex.	10000d					
					670—447.5						
					WMAQ Chicago, Ill.	5000					

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WHITE'S RADIO LOG

KHz Wave Length W.P.

KSDN Aberdeen, S.D. 1000
WSEV Sevierville, Tenn. 5000d
KDET Center, Tex. 1000d
KITE San Antonio, Tex. 5000
WLLL Lynchburg, Va. 5000d
KENY Bellingham-Ferndale, Wash. 1000d
KQOT Yakima, Wash. 1000d
WSAZ Huntington, W.Va. 5000
KROE Shorton, Wyo. 1000d
WLBL Auburndale, Wis. 5000d

940-319.0

KHOS Tucson, Ariz. 250
KFRE Fresno, Calif. 50000
WINE Brookfield, Conn. 1000d
WINZ Miami, Fla. 50000
WMAZ Macon, Ga. 50000
KARU Waihau, Hawaii 10000
WMIX Mt. Vernon, Ill. 5000d
KIOA Des Moines, Iowa 10000
WCND Shelbyville, Ky. 1000d
WYLD New Orleans, La. 10000
WIDG St. Ignace, Mich. 5000
WJOR South Haven, Mich. 1000d
WPCF Houston, Miss. 5000d
KSMW Aurora, Mo. 5000
KVSH Valentez, Nebr. 5000d
WFNC Fayetteville, N.C. 10000
WCND Shelbyville, N.Y. 250d
WGRT Lima, Ohio 250d
KCLB Bend, Ore. 1000d
WWRB Woonsocket, Ore. 250d
WESA Charleston, Pa. 1000d
WGRP Greenville, Pa. 1000d
WIFR San Juan, P.R. 10000
KIXZ Amarillo, Tex. 10000
KTON Belton, Tex. 1000d
KATQ Texarkana, Tex. 1000d
WNRG Grundy, Va. 5000d
WFAW Ft. Atkinson, Wis. 500d

950-315.6

WRMA Montgomery, Ala. 1000d
KJBH Seward, Alaska 1000
KXJK Ferrest City, Ark. 5000d
KFSA Ft. Smith, Ark. 1000
KAHI Auburn, Calif. 5000d
KIMN Denver, Colo. 5000
WLOF Orlando, Fla. 5000
WGTA Summerville, Ga. 3000d
WGOV Valdosta, Ga. 1000d
KATN Boise, Idaho. 5000d
KLER Orofino, Idaho. 1000d
WGRT Chicago, Ill. 1000d
WXLW Indianapolis, Ind. 5000d
KOEL Oelwein, Ia. 5000
KJRG Newton, Kans. 500d
WYWY Barboursville, Ky. 5000
WAGP Presque Isle, Maine 5000
WXLN Potomac-Cabin John, Md. 1000d
WRYT Boston, Mass. 5000d
WVJ Detroit, Mich. 5000
KRST St. Louis Park, Minn. 1000
WBKH Hattiesburg, Miss. 5000d
KLIK Jefferson City, Mo. 5000d
WHYV Hyde Park, N.Y. 5000
WBBF Rochester, N.Y. 1000
WIBX Utica, N.Y. 5000
WPET Greensboro, N.C. 5000d
KYES Roseburg, Ore. 1000d
WNCC Barnesboro, Pa. 500d
WPEN Philadelphia, Pa. 5000
WBER Moncks Corner, S. C. 5000
WSPA Spartanburg, S.C. 5000
KWAT Watertown, S.Dak. 1000d
WAGG Franklin, Tenn. 1000d
KDXS Denison-Sherman, Tex. 5000
KPRC Houston, Tex. 5000
KSEL Lubbock, Tex. 5000
WXGI Richmond, Va. 5000d
KJR Seattle, Wash. 5000
WERL Eagle River, Wis. 5000d
WKAZ Charleston, W.Va. 5000d
WKTS Sheboygan, Wis. 5000d
KMER Kemmerer, Wyo. 1000d

960-312.3

WBRC Birmingham, Ala. 5000
WMOZ Mobile, Ala. 1000
KOOL Phoenix, Ariz. 5000
KAVR Apple Valley, Calif. 5000d
KNEZ Lompoc, Calif. 500
KABL Oakland, Calif. 5000
WELI New Haven, Conn. 5000
WGRM Lake City, Fla. 500d
WJCM Sebring, Fla. 1000d
WJAZ Albany, Ga. 5000
WRFC Athens, Ga. 5000
KSRA Salmon, Idaho 1000d

KHz Wave Length W.P.

WDLM E. Moline, Ill. 1000d
WSBT South Bend, Ind. 5000
KMA Shenandoah, Iowa 5000
WPRT Prestonsburg, Ky. 5000d
KRF Abbeville, La. 1000d
WBOS Salisbury, Md. 5000
WFLG Fitchburg, Mass. 1000
WHAK Rogers City, Mich. 5000d
KLF Little Falls, Minn. 500d
WARG Grand, Miss. 5000
KFVS Cape Girardeau, Mo. 5000
KFLN Baker, Mont. 5000d
KNEB Scottsbluff, Nebr. 1000d
KWYK Farmington, N.Mex. 1000d
KRIK Roswell, N. Mex. 1000d
WEAV Plattsburg, N.Y. 5000
WAAK Dallas, N.C. 1000d
WFTC Kingston, N.C. 5000
WSTO Wooster, Ohio 1000d
KGWA Enid, Okla. 1000
KLLAD Klamath Falls, Ore. 5000
WHYL Carlisle, Pa. 5000d
WKZA Kane, Pa. 1000d
WATS Sayre, Pa. 1000d
WBEO Beaufort, S.C. 1000d
WBBC McMinnville, Tenn. 1000d
KIMP Mt. Pleasant, Tex. 1000d
KGKL San Angelo, Tex. 5000
KOVQ Provo, Utah 5000
WDBJ Roanoke, Va. 5000
KALE Richland, Wash. 1000
WTCH Shawano, Wis. 1000

970-309.1

WERH Hamilton, Ala. 5000d
WTBF Troy, Ala. 5000
WVNM Show Low, Ariz. 5000d
KNEA Jonesboro, Ark. 1000d
KBIS Bakersfield, Calif. 1000
KCHV Coacahela, Calif. 5000
KBEI Modesto, Calif. 1000
KFEL Pueblo, Colo. 1000d
WBOM Jacksonville, Fla. 1000
WFLA Tampa, Fla. 5000
WJLN Atlanta, Ga. 5000
WVOP Valdosta, Ga. 5000
KPUI Hilo, Hawaii 5000
KAYT Rupert, Idaho 1000d
WMAY Springfield, Ill. 1000
WAVE Louisville, Ky. 5000
KSYL Alexandria, La. 1000
WCSH Portland, Maine 5000
WMD Aberdeen, Md. 500
WESO Southbridge, Mass. 1000d
WCKD Ishpeming, Mich. 5000
WKHM Jackson, Mich. 1000
KQAX Austin, Minn. 5000
WRKN Brandon, Miss. 5000
KOOK Billings, Mont. 5000
KJLT No. Platte, Nebr. 5000d
KVEE Las Vegas, Nev. 500d
WJFZ Newark, N.J. 5000
KDCE Espanola, N. M. 1000d
WEBR Buffalo, N.Y. 5000
WCHN Norwich, N.Y. 500d
WRCS Aoshkie, N.C. 1000d
WWIT Canton, N.C. 1000d
WDAY Fargo, N.Dak. 5000
WRED Ashtabula, Ohio 5000
WATH Athens, Ohio 1000d
KAKC Tulsa, Okla. 1000
KOIN Portland, Ore. 5000
WWSW Pittsburgh, Pa. 5000
WJMX Florence, S.C. 5000
KHFI Austin, Tex. 1000d
KBSN Crane, Tex. 1000d
KNOK Ft. Worth, Tex. 1000d
WVYI Christiansted, V. I. 5000
WYPR Danville, Va. 1000d
WYNY Waynesboro, Va. 5000
KREM Spokane, Wash. 5000
WYWO Pineville, W.Va. 1000d
WHA Madison, Wis. 5000d
WAKX Superior, Wis. 500d

980-305.9

WKLF Clanton, Ala. 1000d
WKL Big Delta, Alaska 100
KCAR Bardsdale, Ark. 1000
KINS Eureka, Calif. 5000
KEAP Fresno, Calif. 500d
KFWB Los Angeles, Calif. 5000
KCTY Salinas, Calif. 1000d
KGLN Glenwood Springs, Colo. 1000d
WSUB Groton, Conn. 1000d
WVW Washington, D.C. 5000
WVDH Gainesville, Fla. 5000d
WTOT Marianna, Fla. 1000d
WBOP Pensacola, Fla. 1000d
WLOD Pompano Beach, Fla. 1000d
WKLY Hartwell, Ga. 1000d
WPGA Perry, Ga. 1000d
WRIP Rossville, Ga. 500d
WUPY Idaho Falls, Idaho 1000d
WITY Danville, Ill. 1000
KREB Shreveport, La. 5000d
WCAP Lowell, Mass. 1000d
WAOP Osego, Mich. 1000d
WPBC Richfield, Minn. 5000
WAPF McComb, Miss. 5000d
KMBZ Kansas City, Mo. 5000

KHz Wave Length W.P.

KLYQ Hamilton, Mont. 1000d
KVLV Fallon, Nev. 5000d
KICA Clovis, N. Mex. 1000
KMIN Grants, N. Mex. 1000d
WTRY Troy, N.Y. 5000
WKLM Wilmington, N.C. 5000d
WAAA Win. Salem, N.C. 1000d
WONE Dayton, Ohio 5000
WILE Wilkes-Barre, Pa. 5000
WAZS Chaseville, S.C. 1000d
WYCL York, S. C. 1000d
KDSJ Deadwood, S.Dak. 1000
WSIX Nashville, Tenn. 5000
KFRD Rosenberg-Richmond, Tex. 1000d
KSVK Richfield, Utah 5000
WFMG Bristol, Va. 5000
WMEK Chase City, Va. 5000
KUTI Yakima, Wash. 5000d
WHAW Weston, W.Va. 1000d
WUCB Manitowoc, Wis. 1000d
WPRE Prairie du Chien, Wis. 1000
KEND Cheyenne, Wyo. 500d

990-302.8

WEJS Center, Ala. 250
WWWF Fayette, Ala. 1000d
WGB Elmont, Ala. 500
KTKT Tucson, Ariz. 10000
KKIS Pittsburg, Calif. 5000
KGUD Santa Barbara, Calif. 1000d
KLIR Denver, Colo. 1000d
WFAB Miami, Fla. 5000
WHOO Orlando, Fla. 5000d
WDWD Dawson, Ga. 1000d
WTCB Greenville, Ga. 250d
WTRG Honolulu, Hawaii 5000
WCAZ Carthage, Ill. 1000d
WVTE Jasper, Ind. 1000d
WERK Muncie, Ind. 250d
KAYL Storm Lake, Iowa 250d
KRSL Russell, Kans. 250d
WNNR New Orleans, La. 250d
KRH Rayville, La. 250d
WCRB Redalia, Mich. 250d
WABO Waynesboro, Miss. 250d
KRMO Monet, Mo. 250d
KSPV Artesia, N.Mex. 1000
WEEB Southern Pines, N.C. 5000d
WJEH Gallipolis, Ohio 1000d
WGTG Massillon, Ohio 250d
KRKT Albany, Ore. 250d
WJBG Philadelphia, Pa. 5000d
WCSO Somerset, Pa. 5000d
WPRR Mayaguez, P.R. 10000
WLKW Providence, R.I. 50000
WAIN Aiken, S.C. 1000d
WNOX Knoxville, Tenn. 10000
WMAW Memphis, Tenn. 10000
KTRM Beaumont, Tex. 10000
KAML Kennedy-Karnes City, Tex. 250d
KNIN Wichita Falls, Tex. 10000
KDYL Tooele, Utah 1000d
WNRV Narrows-Pearisburg, Va. 5000d
WANT Richmond, Va. 1000d

1000-299.8

WKMK Blountstown, Fla. 1000d
WJTS Jupiter, Fla. 1000d
WGC Chicago, Ill. 50000
WXTN Lexington, Miss. 5000d
WQTF Horseheads, N.Y. 5000
WIPQ Hickory, N.C. 1000d
KTKO Okla. City, Okla. 5000
WIOQ Carlisle, Pa. 1000
WKYV Hemingway, S.C. 1000d
WGGW Wahalla, S. C. 250d
KSTA Coleman, Tex. 250d
KGRJ Henderson, Tex. 250d
WKDE Altavista, Va. 1000d
WHWB Rutland, Vt. 1000d
WBNS Barnesboro, Pa. 5000d
KOMO Seattle, Wash. 50000

1010-296.9

KCAC Phoenix, Ariz. 500d
KNC Winslow, Ariz. 1000
KLRA Little Rock, Ark. 1000
KCHJ Delano, Calif. 5000
KCMJ Palm Sprgs., Calif. 1000d
KSAJ San Fran., Calif. 10000d
WCNU Crestview, Fla. 1000d
WBIX Jacksonville Beach, Fla. 1000d
WINQ Tampa, Fla. 50000d
WGUN Atlanta-Deatur, Ga. 50000d
KATN Boise, Idaho 1000d
WCSI Columbus, Ind. 5000
KSMN Mason City, Iowa 1000d
KIND Independence, Kans. 250d
KOLA DeRidder, La. 1000d
WSD Baltimore, Md. 1000d
WITL Lansing, Mich. 5000d
WRCR Maplewood, Minn. 250d
WMBX Meridian, Miss. 10000
KCHI Chillicothe, Mo. 250d
KXEN Festus-St. Louis, Mo. 50000d

KHz Wave Length W.P.

KRVN Lexington, Nebr. 25000
WCNL Newport, N.H. 250d
WINS New York, N.Y. 50000
WABZ Albermarle, N.C. 1000d
WFGW Black Mountain, N.C. 50000d
WELS Black Mountain, N.C. 1000d
WIOI New Boston, Ohio 1000d
KBEV Portland, Ore. 1000d
WUNS Lewisburg, Pa. 250d
WHIN Gallatin, Tenn. 1000d
WORM Savannah, Tenn. 250d
KVIA Amarillo, Tex. 5000
KDDA Houston, Tex. 5000d
KAWA Waco-Marlin, Tex. 10000d
WELK Charlottesville, Va. 1000d
WMEV Marion, Va. 1000d
WPMH Portsmouth, Va. 5000d
WST Berkeley Sprgs., W.Va. 250d
WCST Stevens Pt., Wis. 1000d

1020-293.9

KGBS Los Angeles, Calif. 50000
WCIL Carbondale, Ill. 1000d
WPEO Peoria, Ill. 10000d
KSWR Roswell, N.M. 50000d
KDKA Pittsburgh, Pa. 50000

1030-291.1

WBZ Boston, Mass. 80000
KCTA Corpus Christi, Tex. 50000d
KTWO Casper, Wyo. 10000

1040-288.3

KHVV Honolulu, Hawaii 5000
WHO Des Moines, Iowa 50000
KIXL Dallas, Tex. 1000d

1050-285.5

WRFS Alexander City, Ala. 1000d
WCRJ Scottsboro, Ala. 250d
KLV Little Rock, Ark. 1000d
KTOT Big Bear Lake, Cal. 250d
KOFY San Mateo, Calif. 1000d
KWSO Wasco, Calif. 1000d
WBSB Westport, Fla. 1000d
WVJY Jacksonville, Fla. 1000d
WHBO Tampa, Fla. 250d
WRMF Titusville, Fla. 500d
WAUG Augusta, Ga. 5000d
WMNZ Montezuma, Ga. 250d
WDC Deatur, Ill. 1000d
WPCA Plymouth, Ind. 250d
KUPK Gardon City, Kan. 5000d
WNES Central City, Ky. 500d
KPLF Lake Providence, La. 250d
KCIJ Shreveport, La. 250d
KVPJ Villa Platte, La. 250d
WMSG Oakland, Md. 500d
WQMR Silver Sprg., Md. 1000d
WPAG Ann Arbor, Mich. 5000d
KLOH Pipestone, Minn. 1000d
WACR Columbus, Miss. 1000d
KMIS Portageville, Mo. 1000d
KSSJ Seaside, Mo. 1000d
KLVG Las Vegas, Nev. 500d
WBNB Conway, N.H. 1000d
WSEN Baldwinville, N.Y. 250d
WYBG Mansena, N.Y. 1000d
WHN New York, N.Y. 50000
WFSF Franklin, N.C. 1000d
WLDN Lincolnton, N.C. 1000d
WGPS Sanford, N.C. 1000d
WZIP Cincinnati, Ohio 5000d
KCCO Laton, Okla. 250d
KFMJ Tulsa, Okla. 1000d
KORE Eugene, Ore. 1000d
WBUT Butler, Pa. 1000d
WDS Everott, Pa. 250d
WLYC Williamsport, Pa. 1000d
WGBB Pottsville, P.R. 1000d
WSMT Sparta, Tenn. 1000d
KLEN Killeen, Tex. 250d
KPXE Liberty, Tex. 250d
KCSA Station, Tex. 250d
WINA Charlottesville, Va. 5000
WEGAT Gate City, Va. 1000d
WBRG Lynchburg, Va. 1000d
WCMS Norfolk, Va. 5000d
KBLE Seattle, Wash. 5000d
WCFE Parkersburg, W. Va. 5000d
WECL Eau Claire, Wis. 1000d
WKAU Kaukauna, Wis. 1000
WLP Kenosha, Wis. 250d
KWIV Douglas, Wyo. 250d

1060-282.8

KUPD Tempe, Ariz. 500
KPAY Chico, Calif. 10000
KLMO Longmont, Colo. 10000d
WRLC McLeansboro, Ill. 1000d
WHLR Roselle, Ill. 1000d
WKLY Jamestown, Ky. 5000d
WNOE New Orleans, La. 50000
WFBF Benton Harbor-St. Joseph, Mich. 5000d
RFIL Preston, Minn. 1000
RNLD Oro, Neb. 1000
WMAP Monroe, N.C. 1000d
WBYB St. Pauls, N.C. 250d

kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
WCOK	Sparta, N.C.	250d	WPWC	Waverly, Tenn.	1000d	KCBQ	San Diego, Calif	5000d	KFPW	Ft. Smith, Ark.	1000
W010	Canton, O.	5000d	KDRY	Alamo Heights, Tex.	1000d	KLOK	San Jose, Calif.	1000d	KBTM	Jonesboro, Ark.	1000
KYW	Philadelphia, Pa.	5000d	1120-267.7			KOHO	Honolulu, Hawaii	1000	KCON	Conway, Ark.	1000
WRJS	San German, P. R.	2500	WJST	Bethesda, Md.	250d	WLBH	Mattoon, Ill.	250d	KGEE	Bakersfield, Calif.	1000
WALD	Walterboro, S. C.	1000d	KMOX	St. Louis, Mo.	5000d	KSTT	Davenport, Iowa	1000	KWTC	Barstow, Calif.	1000
WPHC	Waverly, Tenn.	1000d	W01F	Buffalo, N.Y.	1000d	KV00	Tulsa, Okla.	5000d	KIBS	Bishop, Calif.	1000
WCRB	Rockley, Va.	1000d	KFBR	Eugene, Ores.	5000d	WLEO	Pomona, P.R.	250	KXO	El Centro, Calif.	250
KHRB	Lockhart, Tex.		KCLE	Cleburne, Tex.	250d	KPUG	Bellingham, Wash.	5000	KDAC	Ft. Bragg, Calif.	250
KRSP	Salt Lake City, Utah		1130-265.3			WVVA	Wheeling, W.Va.	5000d	KGFJ	Los Angeles, Calif.	1000
1070-280.2			KRDU	Dinuba, Calif.	1000	1180-254.1			KPRL	Paso Robles, Calif.	1000
WAPI	Birmingham, Ala.	5000d	KSDO	San Diego, Calif.	5000d	WLDJ	Jacksonville, Ill.	1000d	KRDR	Redding, Calif.	250
KNX	Los Angeles, Calif.	5000d	WLBG	Gainsville, Ga.	1000d	WHAM	Rochester, N.Y.	5000d	KWQ	Stockton, Calif.	1000
WVCG	Coral Gables, Fla.	1000d	KLEI	Kailua, Hawaii	1000	1190-252.0		KEXO	Grand Junction, Colo.	1000	
WIBC	Indianapolis, Ind.	5000d	KLEY	Wellington, Kan.	250d	KRDS	Tolleson, Ariz.	250	KBRB	Leadville, Colo.	250
KILR	Esterville, Ia.		KWKH	Shreveport, La.	5000d	KRZY	Anaheim, Calif.	5000	KDZA	Pueblo, Colo.	1000d
KFDI	Wichita, Kans.	1000d	WCAR	Detroit, Mich.	5000d	WGKA	Atlanta, Ga.	1000d	KGEK	Sterling, Colo.	1000d
KHMO	Hannibal, Mo.	5000	WDGY	Minneapolis, Minn.	5000d	WOWO	Ft. Wayne, Ind.	5000d	WJNF	Manchester, Conn.	1000
WHPE	High Point, N.C.	1000d	KBLR	Bolivar, Mo.	250d	WANN	Annapolis, Md.	1000d	WGGG	Gainesville, Fla.	1000
WKOK	Sunbury, Penn.	1000d	WNEW	New York, N.Y.	5000d	WKOX	Fram'gham, Mass.	1000d	WONN	Lakeland, Fla.	1000
WMIA	Arcadio, P. R.	5000	KBGH	Memphis, Tenn.	1000d	WLIB	New York, N. Y.	1000d	WMAF	Madison, Fla.	1000
WHYZ	Greenville, S.C.	5000d	WDM	Selmer, Tenn.	5000d	WVVO	Portland, Oreg.	5000d	WSSB	New Smyrna Bch., Fla.	1000
WFLI	Lookout Mtn., Tenn.	5000d	KBGH	Memphis, Tenn.	1000d	WRAI	Rio Piedras, P.R.	500	WVNY	Pensacola, Fla.	1000
WDIA	Memphis, Tenn.	5000d	1140-263.0			WBJJ	San Juan, P.R.	5000d	WCNH	Quincy, Fla.	1000d
KOPY	Alice, Tex.	1000	KRAK	Sacramento, Calif.	5000d	KLIF	Dallas, Tex.	1000d	WJNO	W. Palm Beach, Fla.	250
KNNP	Flonia, Tex.		WMI	Miami, Fla.	1000d	1200-249.9		WBJA	Augusta, Ga.	1000d	
KENR	Houston, Tex.	1000d	WVSI	Pekin, Ill.	5000d	WOAI	San Antonio, Tex.	5000d	WBLJ	Dalton, Ga.	1000
WINA	Charlottesville, Va.	5000	WAWK	Kendallville, Ind.	250d	1210-247.8		WDLI	Dublin, Ga.	1000	
WKOW	Madison, Wis.	1000d	KNEI	Waukon, Ia.	5000d	KZOO	Honolulu, Hawaii	1000	WFOI	Marietta, Ga.	1000
1080-277.6			KBLI	Liberty, Mo.	500d	WCNT	Centralla, Ill.	1000d	WSOK	Savannah, Ga.	1000
WKAC	Athens, Ala.	1000d	KPWB	Piedmont, Mo.	1000d	WKNX	Saginaw, Mich.	1000d	WAYX	Waverly, Ia.	1000
KSCO	Santa Cruz, Calif.	1000d	KLPR	Oklahoma City, Okla.	1000d	WADE	Wadesboro, N.C.	1000d	KBAR	Burley, Idaho	1000
WTC	Hartford, Conn.	5000d	WITA	San Juan, P.R.	1000d	WAVI	Dayton, Ohio	250d	KORT	Grangeville, Idaho	250
WVCG	Coral Gables, Fla.	1000d	K000	Six Falls, S.Dak.	1000d	WCAU	Philadelphia, Pa.	5000d	KRXK	Reburg, Idaho	1000
WFIV	Kissimmee, Fla.	250	KORC	Mineral Wells, Tex.	250d	WHYO	Salinas, P.R.		WJBC	Bloomington, Ill.	1000
WBIE	Marietta, Ga.	1000d	WRVA	Richmond, Va.	5000d	1220-245.8		WQUA	Moline, Ill.	1000	
WPOK	Pontiac, Ill.	1000d	1150-260.7			WAQY	Birmingham, Ala.	1000d	WHCO	Sparta, Ill.	250
WNWI	Valparaiso, Ind.	5000d	WBCA	Bay Minette, Ala.	1000d	WRPN	Butler, Ala.	1000d	WTOB	Hammond, Ind.	1000
KOAK	Red Oak, Ia.		WGEA	Geneva, Ala.	1000d	WABF	Fairhope, Ala.	1000	WJAX	Waxahatchee, Ind.	1000
WKLO	Louisville, Ky.	5000	WJRD	Tuscaloosa, Ala.	5000	KVSA	McGehee, Ark.	1000d	WBME	Belfast, Me.	250d
WOAP	Owosso, Mich.	1000d	KCKY	Cocke, Ariz.	1000	KLIP	Fowler, Calif.	250d	WDQY	Calais, Maine	1000
KGCL	East Prairie, Mo.	1000d	KRKR	Los Angeles, Calif.	5000	KKAR	Pomona, Calif.	250d	WSJR	Madawaska, Me.	1000
WUFO	Amherst, N.Y.	5000d	KJAX	Santa Rosa, Calif.	5000	KFSC	Denver, Colo.	1000d	WTH	Baltimore, Md.	1000
WEWO	Laurinburg, N.C.	5000d	KGMC	Englewood, Colo.	1000d	WCDQ	Hamden, Conn.	1000d	WCUM	Cumberland, Md.	1000
WWDR	Murfreesboro, N.C.	5000	WCNX	Middletown, Conn.	1000d	WDCJ	Arlington, Fla.	1000d	WMNB	No. Adams, Mass.	1000d
KNDK	Langdon, N.D.	5000d	WDEL	Wilmington, Del.	5000	WJBP	Kissimmee, Fla.	1000d	WESX	Salem, Mass.	1000
WMVR	Sidney, O.	250d	WNOB	Daytona Bch., Fla.	1000d	WOAH	Miami, Fla.	250d	WFB	Wareham, Mass.	1000
KWJJ	Portland, Oreg.	5000d	WTMP	Tampa, Fla.	5000d	WSAF	Sarasota, Fla.	1000d	WJEF	Grand Rapids, Mich.	1000
WEEP	Pittsburgh, Pa.	5000d	WFMN	Fort Valley, Ga.	1000d	WCLB	Camilla, Ga.	1000d	WKBK	Iron River, Mich.	1000d
WLEY	Gayev, P.R.	250	WJEM	Valdosta, Ga.	1000d	WSPF	Thomaston, Ga.	250d	WMPC	Lapeer, Mich.	250
KGFX	Pierre, S. D.	1000d	WGGH	Marion, Ill.	5000d	WLPO	LaSalle, Ill.	1000d	WSDO	St. Ste. Marie, Mich.	1000
KRDL	Dallas, Tex.	5000d	WYFE	Rockford, Ill.	500d	WPRS	Waukegan, Ill.	5000d	WSTR	Sturgis, Mich.	1000d
WKBY	Chatham, Va.	1000d	KYED	Burlington, Ia.	500d	WLSM	Salem, Ind.	5000d	WKLK	Clonetat Falls, Minn.	1000
1090-275.1			WKWY	Des Moines, Iowa	1000	KJAN	Atlantic, Iowa	250d	KGHS	Interquat Falls, Minn.	250
KAAY	Little Rock, Ark.	5000d	KSAL	Salina, Kans.	5000	KOUR	Independence, Iowa	250d	KYSM	Mankato, Minn.	1000
WQIK	Jacksonville, Fla.	5000d	WNST	Mt. Sterling, Ky.	500d	KOFO	Ottawa, Kans.	250d	KMRS	Joplin, Minn.	250
WWSO	Monticello, Fla.	1000d	WLDC	Mumfordsville, Ky.	1000d	WFKN	Franklin, Ky.	250d	KTRF	Trif. Riv. Falls, Minn.	1000d
WBAF	Barnesville, Ga.	1000	WJBO	Baton Rouge, La.	5000d	KBCL	Shreveport, La.	250d	KWNO	Winona, Minn.	1000d
WCRA	Effingham, Ill.	1000	WGHM	Skowhegan, Maine	5000d	WLBH	Denham Springs, La.	250d	WCMA	Corinth, Miss.	1000
WGLC	Memphis, Ill.	250d	WHMC	Gaithersburg, Md.	1000	WSME	Sanford, Maine	1000d	WHSY	Hattiesburg, Miss.	1000
KHAI	Honolulu, Hawaii	5000	WCOP	Boston, Mass.	5000	WBCH	Hastings, Mich.	250d	WSSO	Starkville, Miss.	1000
KFWR	Ft. Wayne, Ind.	5000d	WCEN	Mt. Pleasant, Mich.	1000d	WAVN	Stillwater, Minn.	5000d	WAZF	Yazoo City, Miss.	1000
KNWS	Waterloo, Iowa	1000d	KASM	Albany, Minn.	1000d	WMDG	Hazlehurst, Miss.	250d	KODJ	Joplin, Mo.	1000
WDLV	Donalsonville, La.	1000d	KRMS	Osage Beach, Mo.	1000d	KZYM	Cape Girardeau, Mo.	250d	KLWT	Lebanon, Mo.	250
WBAL	Baltimore, Md.	5000d	KBSE	Shelby, Mont.	1000d	KBHM	Branson, Mo.	1000d	KNCM	Moberly, Mo.	1000
WILD	Boston, Mass.	1000d	KDEF	Albuquerque, N. M.	5000	WKBK	Keene, N.H.	5000d	KBMN	Bozeman, Mont.	1000d
WMUS	Muskegon, Mich.	1000d	WRUN	Utica, N.Y.	5000	WGNV	Newburgh, N.Y.	1000d	KHDN	Hardin, Mont.	1000
WTAR	Gardons City, Mich.	250d	WBAG	Burlington, N.C.	1000d	WSOQ	N. Syracuse, N.Y.	1000d	KXLO	Lewiston, Mont.	1000
WKE	King, N.C.	5000	WGBR	Goldsboro, N.C.	5000	WKMT	Kings Bttn., N.C.	1000d	KLCB	Libby, Mont.	1000
KTGO	Togo, N.C.	250d	WCUE	Cuyahoga Falls, Ohio	1000d	WREV	Reidsville, N.C.	1000d	KTNC	Falls City, Neb.	1000
WMWM	Wilmington, O.	1000d	WIMA	Lima, Ohio	1000	WENC	Whiteville, N.C.	5000d	KHAS	Hastings, Neb.	1000
WKSP	Kingstree, S.C.	5000d	KNEB	MeAister, Okla.	1000	KEYD	Oakes, N. Dak.	1000d	KELY	Ely, Nev.	250
WENR	Englewood, Tenn.	1000d	KAGO	Klamath Falls, Oreg.	5000	WGAR	Cleveland, Ohio	5000d	KLAV	Las Vegas, Nev.	250
WJRM	Hartsville, Tenn.	250d	WHUN	Huntingden, Pa.	5000d	WERT	Van Wert, Ohio	250d	KCBN	Reno, Nev.	1000
WGOC	Kingsport, Tenn.	1000d	WYNS	Lehighden, Pa.	1000d	KGYN	Guymon, Okla.	1000d	WMOU	Berlin, N.H.	1000d
KANN	Ogden, Utah	1000d	WKPA	New Kensington, Pa.	1000d	KBLV	Goldbeach, Oreg.	1000d	WTSV	Claremont, N.H.	1000
KING	Seattle, Wash.	5000d	WDIX	Orangeburg, S.C.	5000	KAPT	Palmdale, Oreg.	1000	WCMG	Wildwood, N.C.	1000
1100-272.6			WYTC	Rock Hill, S.C.	1000d	WAXT	Waxahatchee, Tenn.	5000d	KALC	Alamogordo, N.Mex.	250
KFAX	San Francisco, Calif.	5000d	WSNW	Seneca, S.C.	1000d	WRIB	Princeton, R.I.	1000d	KOTS	Deming, N.Mex.	250
WLBW	Carrollton, Ga.	1000d	KIMM	Rapid City, S.Dak.	5000d	WFWL	Camden, Tenn.	250d	KYVA	Gallup, N. Mex.	1000
WHLI	Hempstead, N.Y.	1000d	WAFD	Chattanooga, Tenn.	5000d	WCPH	Etawah, Tenn.	1000d	KFUN	Las Vegas, N.Mex.	250
WKYC	Cleveland, O.	5000d	WCRK	Warrior, Tenn.	1000	KZEE	Weatherford, Tex.	250d	KRSY	Roswell, N. Mex.	1000
WGPA	Bethlehem, Pa.	250d	WTAW	Bryan, Tex.	1000d	KVLL	Woodville, Tex.	250d	WNIA	Cheektowaga, N.Y.	5000
1110-270.1			KCTT	Corpus Christi, Tex.	1000d	WLSB	Big Stone Gap, Va.	1000d	WENY	Elmira, N.Y.	1000
WBCA	Bay Minette, Ala.	1000d	KIZZ	El Paso, Tex.	1000d	WFAX	Falls Church, Va.	5000d	WIGS	Gouverneur, N. Y.	1000
WBIP	Centerville, Ala.	1000d	KVIL	Highland Park, Tex.	1000d	K01J	Quana, Tex.	500d	WHIC	Wichita, Kan.	1000
KRLA	Pasadena, Cal.	5000d	KJBC	Midland, Tex.	1000d	KBER	San Antonio, Tex.	1000d	WLFH	Little Falls, N. Y.	1000
WROB	Roseville, Cal.	5000d	KPNG	Port Neches, Tex.	500d	KPUL	Pullman, Wash.	1000d	WFAS	White Plains, N. Y.	1000
WALT	Tamla, Ga.	5000d	KOLJ	Quana, Tex.	500d	KAYO	Seattle, Wash.	5000	WFSY	Asheville, N.C.	1000
WGKA	Atlanta, Ga.	1000d	KKBB	San Antonio, Tex.	1000d	KKEY	Vancouver, Wash.	1000d	WFAI	Fayetteville, N.C.	1000d
WEBS	Guthon, Ga.	250d	KPUL	Pullman, Wash.	1000d	WABH	Deerfield, Va.	1000d	WFMF	High Point, N.C.	1000
KIPA	Hilo, Hawaii	1000d	KAYO	Seattle, Wash.	5000	WELC	Welch, W. Va.	1000d	WISP	Kinston, N.C.	1000d
WMBI	Chicago, Ill.	5000d	KKEY	Vancouver, Wash.	1000d	WAXX	Chippewa Falls, Wis.	5000d	WNCN	Newton, N. C.	1000
WKBZ	Madison, Wis.	1000d	WABH	Deerfield, Va.	1000d	WISM	Milwaukee, Wis.	5000d	WCBT	Randolph, N. C.	1000
WFCF	Franklin, La.	1000d	WELC	Welch, W. Va.	1000d	1160-258.5		KDIX	Dickinson, N.Dak.	250	
WUNN	Mason, Mich.	1000d	WAXX	Chippewa Falls, Wis.	5000d	WJJD	Chicago, Ill.	5000d	WUBE	Cincinnati, O.	1000d
WIML	Peteskey, Mich.	1000d	KSL	Salt Lake City, Utah	5000d	1170-256.3		WCOL	Columbus, Ohio	1000d	
WKFA	Holly Springs, Miss.	1000d	1170-256.3			WCOV	Montgomery, Ala.	1000d	WIRO	Ironton, O.	1000d
KFRB	Omaha, Nebr.	5000d	WJNP	North Pole, Alaska	1000d	1230-243.8		WCWA	Teledo, O.	1000d	
WBT	Charlotte, N.C.	5000d	1160-258.5			WAUD	Auburn, Ala.	1000	KADA	N. of Ada, Okla.	250
WBLX	Xenia, O.										

WHITE'S RADIO LOG

kHc Wave Length W.P.

KRNS	Burns, Ore.	1000
KOOS	Ceas Bay, Ore.	1000
KRDR	Gresham, Ore.	1000
KYJC	Medford, Ore.	1000
KQIK	Lakeview, Ore.	1000
KTDO	Toledo, Ore.	1000
WBVP	Beaver Falls, Pa.	1000
WEEX	Easton, Pa.	1000
WKBO	Harrisburg, Pa.	1000
WCRO	Johnstown, Pa.	1000
WBPZ	Lock Haven, Pa.	1000
WTIV	Titusville, Pa.	1000
WNIK	Aresibo, P.R.	1000
WERI	Westerly, R.I.	1000
WAIM	Anderson, S.C.	1000
WNOK	Columbia, S.C.	1000
WOLS	Florence, S.C.	250
KISD	Sioux Falls, S.Dak.	1000
WAKI	McMinnville, Tenn.	1000
KXIS	Corpus Christi, Tex.	1000
KDLK	Del Rio, Tex.	250
KNUZ	Houston, Tex.	1000
KERY	Kerrville, Tex.	1000
KLVT	Lewistown, Tex.	1000
KEEE	Nacogdoches, Tex.	1000
KOSA	Odessa, Tex.	1000
KGRO	Pampa, Tex.	250
KSEY	Seymour, Tex.	1000
KSST	Sulphur Springs, Tex.	1000
RWTX	Waco, Tex.	1000
KMOR	Murray, Utah	250
KOAL	Price, Utah	1000
WJOY	Burlington, Vt.	1000
WBBI	Abingdon, Va.	1000
WDDI	Brockneal, Va.	1000
WCFV	Clifton Forge, Va.	1000
WFVA	Fredericksburg, Va.	1000
WNOR	Norfolk, Va.	1000
KWYZ	Everett, Wash.	1000
KSPQ	Spokane, Wash.	1000
KREW	Sunnyside, Wash.	1000
WLOG	Logan, W.Va.	1000
WTAP	Parkersburg, W.Va.	1000
WHBY	Appleton, Wis.	1000
WXCQ	Janesville, Wis.	1000
WXCO	Wausau, Wis.	1000
KVOC	Casper, Wyo.	1000

1240-241.8

WEBJ	Brewton, Ala.	250
WPRN	Butler, Ala.	1000
WULA	Eufaula, Ala.	250
WOWL	Florence, Ala.	1000
WARF	Jasper, Ala.	1000
KVRD	Cottonwood, Ariz.	250
KZOW	So. of Globe, Ariz.	1000
KVRC	Arkadelphia, Ark.	250
KTLO	Mountain Home, Ark.	1000
KWAK	Stuttgart, Ark.	250
KPLY	Crescent City, Calif.	250
KDAD	Lemoore, Cal.	250
KMBY	Monteary, Calif.	1000
KPPC	Pasadena, Calif.	1000
KLOA	Ridgecrest, Calif.	250
KROY	Sacramento, Calif.	1000
KRNO	San Bernardino, California	1000
KSON	San Diego, Calif.	250
KSMA	Santa Maria, Calif.	250
KSUE	Susanville, Calif.	1000
KRDO	Colo. Springs, Colo.	1000
KDGO	Durango, Colo.	1000
KSLV	Monte Vista, Colo.	250
KCRT	Trinidad, Colo.	250
WWCO	Waterbury, Conn.	1000
WBGC	Chipeley, Fla.	1000
WLCO	Eustis, Fla.	1000
WINK	Ft. Myers, Fla.	1000
WNMB	Melbourne, Fla.	1000
WFOY	St. Augustine, Fla.	1000
WBHB	Fitzgerald, Ga.	1000
WDUN	Gainesville, Ga.	1000
WLAG	LaGrange, Ga.	1000
WBML	Macon, Ga.	1000
WNS	Statesboro, Ga.	1000
WPAK	Thomasville, Ga.	1000
WTWA	Thomasville, Ga.	250
KVNI	Coeur d'Alene, Idaho	1000
KFLI	Mountain Home, Idaho	1000
KMCL	McCall, Ida.	250
KWKI	Pocatello, Idaho	250
WCRW	Chicago, Ill.	1000
WEDC	Chicago, Ill.	1000
WBCB	Chicago, Ill.	250
WEDQ	Harrisburg, Ill.	1000
WTAX	Springfield, Ill.	1000
WSDR	Sterling, Ill.	500
WHBU	Anderson, Ind.	1000
KDEC	Decorah, Iowa	1000
KWLC	Decorah, Iowa	1000

kHc Wave Length W.P.

KBIZ	Ottumwa, Iowa	1000
KICD	Spencer, Iowa	1000
KIUL	Garden City, Kans.	1000
KAKE	Wichita, Kans.	250
WINN	Louisville, Ky.	1000
WFTM	Louisville, Ky.	1000
WPKE	Pikeville, Ky.	1000
WFSC	Somerset, Ky.	1000
KASO	Minden, La.	1000
KANE	New Iberia, La.	1000
WCOU	Lewiston, Maine	1000
WMKR	Millinocket, Me.	1000
WCFB	Cambridge, Md.	1000
WWEJ	Hagerstown, Md.	1000
WHA1	Greenfield, Mass.	250
WOCB	W. Yarmouth, Mass.	1000
WATT	Cadillac, Mich.	1000
WBYT	Cheboygan, Mich.	1000
WJPD	Ishteping, Mich.	1000
WJIM	Lansing, Mich.	1000
WMEG	Hibbing, Minn.	1000
KPRM	Park Rapids, Minn.	1000
WJON	St. Cloud, Minn.	1000
WMPA	Aberdeen, Miss.	1000
WGRM	Greenwood, Miss.	250
WGCM	Gulfport, Miss.	1000
WMIS	Natchez, Miss.	250
KWDS	Jefferson City, Mo.	1000
KODE	Joplin, Mo.	1000
KNEV	Newada, Mo.	250
KBMY	Billings, Mont.	1000
KLTZ	Glasgow, Mont.	1000
KBLL	Helena, Mont.	1000
KFOR	Lincoln, Nebr.	1000
KODY	North Platte, Nebr.	1000
KELK	Elko, Nev.	1000
WNTN	Elko, N.H.	250
WNSJ	Bridgeton, N.J.	1000
KAVE	Carlsbad, N.Mex.	1000
KCLV	Clovis, N.Mex.	1000
WGBB	Freeport, N.Y.	1000
WGVV	Geneva, N.Y.	1000
WJTN	Jamestown, N.Y.	500
WVOS	Liberty, N.Y.	1000
WNBZ	Saranac Lake, N.Y.	1000
WSNY	Schenectady, N.Y.	1000
WATN	Watertown, N.Y.	1000
WPNF	Brevard, N.C.	1000
WIST	Charlotte, N.C.	1000
WCNC	Elizabeth City, N.C.	1000
WJNC	Jacksonville, N.C.	1000
WRNC	Raleigh, N.C.	1000
KDLR	Devis Lake, N.Dak.	250
WBBW	Youngstown, Ohio	1000
WHIZ	Zanesville, Ohio	1000
KVSO	Ardmore, Okla.	250
KBEK	Elk City, Okla.	250
KBEL	Idabel, Okla.	250
KOKL	Okmulgee, Okla.	1000
KFLY	Corvallis, Oreg.	1000
KTXI	Pendleton, Oreg.	1000
KPRB	Redmond, Oreg.	250
KQEN	Roseburg, Oreg.	1000
WRTA	Altoona, Pa.	1000
WHUM	Reading, Pa.	1000
WSEW	Selinsgrove, Pa.	1000
WBAW	Wilkes-Barre, Pa.	1000
WALX	Humacao, P.R.	1000
WVON	Woonsocket, R.I.	1000
WKDK	Newbury, S.C.	1000
WDDY	Sumter, S.C.	1000
KCCR	Pierr, S.D.	1000
WBEJ	Elizabeththn, Tenn.	1000
WEKR	Fayetteville, Tenn.	1000
WBIR	Knoxville, Tenn.	1000
WKDA	Nashville, Tenn.	1000
WUNJ	Union City, Tenn.	1000
KVLF	Alpino, Tex.	1000
KEAN	Brownwood, Tex.	1000
KORA	Bryan, Tex.	1000
KOCA	Kilgore, Tex.	1000
KSOX	Raymondville, Tex.	250
KCKG	Sonora, Tex.	1000
KXOX	Sweetwater, Tex.	1000
WSKT	Montplolier, Vt.	1000
WSSV	Petersburg, Va.	1000
WROV	Roanoke, Va.	1000
WTON	Staunton, Va.	1000
KXLE	Eliensburg, Wash.	1000
KGYO	Olympia, Wash.	1000
WKOY	Bluefield, W.Va.	1000
WTIP	Charleston, W.Va.	1000
WDNE	Elkins, W.Va.	1000
WOMT	Manitowoc, Wis.	1000
WIBU	Payette, Wis.	1000
WOBT	Rhineclander, Wis.	1000
WJMC	Rice Lake, Wis.	1000
KFCB	Cheyenne, Wyo.	1000
KEVA	Evanston, Wyo.	1000
KASL	Newcastle, Wyo.	250
KRAL	Rawlins, Wyo.	1000
KTHE	Thermopolis, Wyo.	1000

1250-239.9

WZOB	Ft. Payne, Ala.	1000
WETU	Wetumpka, Ala.	5000
KAKA	Wickenburg, Ariz.	500
KHIL	Willcox, Ariz.	5000
KFAY	Fayetteville, Ark.	1000
KALO	Little Rock, Ark.	1000
KHOT	Madera, Calif.	500
KTMS	Santa Barbara, Calif.	1000

kHc Wave Length W.P.

KDHI	Twenty-Nine Palms, California	1000
KMSL	Ukiah, Calif.	500
KMJK	Golden, Colo.	1000
NER	Live Oak, Fla.	1000
WFLA	Tampa, Fla.	500
WLYB	Albany, Ga.	1000
WYTH	Madison, Ga.	1000
WIZZ	Streator, Ill.	500
WGL	Ft. Wayne, Ind.	1000
WRAY	Princeton, Ind.	1000
KCFI	Cedar Falls, Iowa	500
KFKU	Lawrence, Kans.	500
WRN	Tonka, Kans.	500
WNVL	Nicholasville, Ky.	500
WLCK	Scottsville, Ky.	500
WGUY	Bangor, Maine	500
WARE	Ware, Mass.	1000
WXOX	Bay City, Mich.	1000
KOTE	Fergus Falls, Minn.	1000
KGUE	Red Wing, Minn.	1000
KFMF	Flat River, Mo.	500
KBTC	Houston, Mo.	1000
WKBR	Manchester, N.H.	500
WMTB	Merristown, N.J.	500
WIPS	Tionderoga, N.Y.	1000
WFAG	Farmville, N.C.	500
WKDX	Hamlet, N.C.	1000
WBRM	Marion, N.C.	1000
WCHO	Washington Court House, Ohio	500
WLEM	Emporium, Pa.	1000
WPEL	Montrose, Pa.	1000
WTAE	Pittsburgh, Pa.	500
WNOW	York, Pa.	500
WTMA	Charleston, S.C.	500
WKCM	Winnsboro, S.C.	500
WCVI	Covington, Tenn.	1000
KWYZ	Madisonville, Tenn.	500
WNTT	Tazewell, Tenn.	500
KFTV	Paris, Tenn.	500
KPAC	Port Arthur, Tex.	500
KUKA	San Antonio, Tex.	1000
KTFQ	Seminole, Tex.	1000
KANN	Odgen, Utah	1000
WVEL	Vernal, Utah	500
WVA	Vernal, Va.	1000
WYSR	Franklin, Va.	1000
WEER	Warrenton, Va.	1000
KWSC	Pullman, Wash.	500
KTW	Seattle, Wash.	500
WEMP	Milwaukee, Wis.	500

1260-238.0

KPIN	Casa Grande, Ariz.	1000
KCCB	Corning, Ark.	1000
KBHC	Nashville, Ark.	500
KGIL	San Fernando, Calif.	500
KVAB	San Francisco, Calif.	500
KSNQ	Aspen, Colo.	500
WCRT	Birmingham, Ala.	500
WMMM	Westport, Conn.	1000
WNRK	Newark, Del.	500
WDDC	Washington, D.C.	500
WFTW	Fort Walton Beach, Florida	1000
WAME	Miami, Fla.	500
WVPP	Palatka, Fla.	1000
WHAB	Baxley, Ga.	500
WBBK	Blakely, Ga.	1000
WTJH	East Point, Ga.	500
KTEE	Idaho Falls, Ida.	500
WEI	Weiser, Ida.	1000
WBYL	Bethville, Ill.	500
WFBM	Indianapolis, Ind.	500
KFGQ	Boone, Iowa	1000
KWHK	Hutchinson, Kans.	1000
WAIL	Baton Rouge, La.	1000
WEZE	Boston, Mass.	500
WALM	Albion, Mich.	1000
WBLJ	Holland, Mich.	500
KRDX	Crookston, Minn.	1000
KDUI	Hutchinson, Minn.	1000
WVGM	Greenville, Miss.	500
WNLS	Laurel, Miss.	500
WCSA	Ripley, Miss.	500
KGBX	Springfield, Mo.	500
KMB	Kimball, Neb.	1000
WBDU	Trenton, N.J.	1000
KVSF	Santa Fe, N.Mex.	1000
WBNR	Beacon, N.Y.	1000
WNSR	Syracuse, N.Y.	500
WGRV	Asheboro, N.C.	500
WCDJ	Charlotte, N.C.	1000
WIXY	Cleveland, O.	500
WEXY	Portsmouth, Ohio	500
KWSH	Wewaka-Seminole, Oklahoma	1000
KMCM	McMinnville, Oreg.	1000
WVYN	Erie, Pa.	1000
WPHB	Philipsburg, Pa.	500
WISO	Ponce, P.R.	1000
WMLU	Greenville, S.C.	1000
WJOT	Lake City, S.C.	1000
KWYR	Winner, S.Dak.	500
WNOD	Chattanooga, Tenn.	1000
WMCH	Church Hill, Tenn.	1000
WDKN	Diekton, Tenn.	1000
WCLE	Jamestown, Tenn.	1000
KPSL	Diboll, Tex.	1000
KPSO	Falfurrias, Tex.	500

kHc Wave Length W.P.

KWFR	San Angelo, Tex.	1000
KTUE	Tulia, Tex.	1000
KTAE	Taylor, Tex.	1000
WCHV	Charlottesville, Va.	500
WJJJ	Christiansburg, Va.	1000
KWJQ	Moses Lake, Wash.	1000
WYVV	Grafton, W.Va.	500
WVIS	Black River Falls, Wis.	1000
WEKZ	Monroe, Wis.	1000
WOCO	Oconto, Wis.	1000
KPOW	Powell, Wyo.	500

1270-236.1

WGSV	Guntersville, Ala.	1000
WZAM	Prichard, Ala.	1000
KBYR	Anchorage, Alaska	1000
KDJI	Holbrook, Ariz.	500
KADL	Pine Bluff, Ark.	1000
KBLG	Lakeport, Calif.	500
KGOL	Palm Desert, Cal.	500
KGOK	Tulare, Calif.	500
WNOG	Naples, Fla.	500
WHY	Orlando, Fla.	500
WTNT	Tallahassee, Fla.	500
KWRW	Cartersville, Ga.	500
WHYD	Columbus, Ga.	500
WJCT	Commerce, Ga.	1000
KNDI	Honolulu, Hawaii	500
KTFI	Twin Falls, Idaho	500
WEIC	Charleston, Ill.	1000
WHBF	Rock Island, Ill.	500
WCMR	Elkhart, Ind.	500
WWCA	Gary, Ind.	1000
WORX	Madison, Ind.	1000
KSCB	Liberal, Kans.	1000
WAIN	Columbia, Ky.	1000
WFUL	Fulton, Ky.	1000
KVCL	Winfield, La.	1000
KYKR	Cumberland, Md.	500
WSPR	Springfield, Mass.	500
KWYZ	Detroit, Mich.	500
KWEB	Rochester, Minn.	500
WVOM	Ioka, Miss.	1000
WLSL	Louisiana, Miss.	500
KUSN	St. Joseph, Mo.	1000
KBUS	Sparks, Nev.	1000
WTSN	Dover, N.H.	500
WDVL	Vineland, N.J.	500
KINN	Alamogordo, N.M.	1000
WHLN	Niagara Falls, N.Y.	500
WOLA	Walton, N.Y.	1000
WCGC	Belmont, N.C.	1000
WVSM	Smithfield, N.C.	500
KBOM	Mandan, N.Dak.	1000
WILE	Cambridge, Ohio	1000
KWPR	Claremore, Okla.	500
KJAO	Grants Pass, Oreg.	500
WLBK	Lebanon, Pa.	500
WBHC	Hampton, S.C.	1000
KNWC	Sioux Falls, S.Dak.	1000
WLK	Newport, Tenn.	500
KIOW	Bay City, Tex.	1000
KHEM	Big Spring, Tex.	1000
KEPS	Eagle Pass, Tex.	1000
KFJZ	Fort Worth, Tex.	500
WTDI	Newport News, Va.	1000
WHEO	Stuart, Va.	1000
KCVL	Colville, Wash.	1000
KGAM	Longview, Wash.	500
WVIR	Mauston, Wis.	500
WJIC	Superior, Wis.	500
KIML	Gillette, Wyo.	500

1280-234.2

kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
WONW	Defiance, Ohio	1000	WBR	Baton Rouge, La.	1000	KRLW	Walnut Ridge, Ark.	1000d	KCFE	Spokane, Wash.	5000d
WLMJ	Jackson, Ohio	1000d	WFB	Baltimore, Md.	5000	KHSJ	Hemet, Calif.	500d	WETZ	New Martinsville, W. Va.	1000d
KLCO	Poteau, Okla.	1000d	WJD	Quincy, Mass.	1000d	KLAN	Lemoora, Calif.	1000d	WHBL	Sheboygan, Wis.	5000
KERG	Eugene, Oreg.	5000	WOOD	Grand Rapids, Mich.	5000	KUDE	Oceanside, Calif.	500d	KOVE	Lander, Wyo.	5000
WBRX	Berwick, Pa.	1000d	WKPM	Princeton, Minn.	5000	KGBA	Sacramento, Calif.	5000	1340-237.7		
WHVR	Hanover, Pa.	5000	WRBC	Jackson, Miss.	5000	KAVI	Rocky Ford, Colo.	1000d	WKUL	Cullman, Ala.	1000
WKST	New Castle, Pa.	5000	KMMO	Marshall, Mo.	1000d	WATR	Waterbury, Conn.	5000	WJ01	Florence, Ala.	1000
WGMN	Aresibo, P. R.	5000	KBLR	McCook, Neb.	5000d	WEMA	Hollywood, Fla.	5000	WGWG	Seima, Ala.	250
WANS	Anderson, S. C.	5000	WPT	Portland, Me.	5000	WOK	Jacksonville, Fla.	1000d	WFEB	Sylacauga, Ala.	1000
WJAY	Mullina, S. C.	5000d	WPNH	Plymouth, N. H.	1000d	WAMR	Venice, Fla.	500d	KIKO	King, Ariz.	1000
WMCP	Columbia, Tenn.	1000d	WAAT	Trenton, N. J.	5000d	WHIE	Griffin, Ga.	5000d	KFBR	Nogales, Ariz.	250
WDNT	Dayton, Tenn.	1000d	WOSC	Fulton, N. Y.	1000d	WKAN	Kankakee, Ill.	1000	KENT	Prescott, Ariz.	1000
KNIT	Abilene, Tex.	500d	WMMJ	Lancaster, N. Y.	1000d	KNIA	Knoxville, Iowa	500d	KBTA	Batesville, Ark.	1000
KWHI	Brenham, Tex.	1000d	WEEE	Rensselaer, N. Y.	5000d	KMAQ	Maquoketa, Iowa	500d	KZNG	Hot Springs, Ark.	250
KLUE	Longview, Tex.	1000d	WRRG	Spring Valley, N. Y.	5000	KLWN	Lawrence, Kans.	500d	KBR5	Springdale, Ark.	1000
KRAN	Morton, Tex.	500	WGOL	Goldsbrough, N. C.	1000d	WCLW	Covington, Ky.	500d	KATA	Arcaia, Cal.	1000
KVWG	Pearsall, Tex.	500d	WLNC	Laurinburg, N. C.	500	WCLU	Mayfield, Ky.	1000d	KWXY	Cathedral City, Cal.	1000
KNAK	Salt Lake City, Utah	5000	WSDY	Mt. Airy, N. C.	5000	WNGO	Mayfield, Ky.	1000d	KWAK	Fresno, Calif.	1000
WYVE	Wethtville, Va.	1000d	WERE	Cleveland, Ohio	5000	KHAL	Homer, La.	1000d	KDOL	Mojava, Cal.	500
KMAS	Shelton, Wash.	1000d	WMVO	Mt. Vernon, Ohio	500	WICO	Salisbury, Md.	1000d	KSFE	Needles, Calif.	250
KUDY	Spokane, Wash.	5000d	KOME	Tulsa, Okla.	5000	WARA	Attleboro, Mass.	1000	KAOR	Oroville, Cal.	1000
KIT	Yakima, Wash.	5000	KDOV	Medford, Oreg.	5000d	WLS	Lansing, Mich.	5000	KATY	San Luis Obispo, California	1000
WVAR	Richwood, W. Va.	1000d	KACI	The Dalles, Oreg.	1000d	WDMJ	Marquette, Mich.	1000	KIST	Santa Barbara, Calif.	1000
WNAM	Neenah, Wis.	5000	KACI	Clifton, Pa.	500d	RJW	Pisayune, Miss.	500d	KWEM	Watsonville, Calif.	1000
1290-232.4			WHTH	Hazleton, Pa.	1000d	KLW	Clayton, Mo.	1000d	KWSL	Grand Junction, Colo.	250
WHOD	Jackson, Ala.	1000d	WTLT	Mayaguez, P. R.	1000	KOLT	Scottsbluff, Nebr.	5000	KVRH	Salida, Colo.	1000
WSHF	Sheffield, Ala.	1000d	WLOW	Aiken, S. C.	500d	KRDD	Roswell, N. M.	1000d	WNHC	New Haven, Conn.	1000
WNLS	Sylacauga, Ala.	1000d	WDGO	Allendale, S. C.	1000d	WWHG	Hornell, N. Y.	5000d	W00K	Washington, D. C.	1000
KCBU	Tucson, Ariz.	1000	WKCI	Greer, S. C.	1000d	WAGO	Forest City, N. C.	1000d	WSLC	Clermont, Fla.	250
KDMS	El Dorado, Ark.	5000d	WKSK	Kershaw, S. C.	500d	WCOG	Greensboro, N. C.	5000	WTAN	Clearwater, Fla.	250
KUDA	Siloam Springs, Ark.	5000d	KOLY	Mobridge, S. Dak.	1000d	WKRK	Murphy, N. C.	5000d	WR0D	Daytona Beh., Fla.	1000
KHSL	Chicago, Ill.	5000	WMTN	Morrisville, Tenn.	5000	KHRT	Minot, N. D.	1000d	WDSA	Cedar town, Fla.	1000
KAZA	Gilroy, Cal.	5000	WMAK	Nashville, Tenn.	5000	WHOK	Lancaster, Ohio	1000d	WMTX	Marianna, Fla.	1000
KMEN	San Bernardino, California	5000	KVET	Austin, Tex.	5000	KW0E	Clinton, Okla.	1000d	WQXT	Palm Beach, Fla.	500
KACL	Santa Barbara, Cal.	500d	KKUB	Brownfield, Tex.	1000d	KATR	Eugene, Ore.	1000d	WSEB	Spring, Fla.	1000
WCCC	Hartford, Conn.	500d	KGNS	Laredo, Tex.	1000d	WKAT	Allentown, Pa.	5000	WFSH	Valparaiso, Fla.	1000
WTUX	Wilmington, Del.	1000d	KKAS	Silsbee, Tex.	500d	WGET	Gettysburg, Pa.	1000	WIGO	Atlanta, Ga.	1000d
WTMC	Ocala, Fla.	5000	KSTU	Logan, Utah	1000	WJAS	Scranton, Pa.	1000	WGAU	Athens, Ga.	1000
WSCN	Panama City Beach, Florida	500d	WKCY	Harrisonburg, Va.	5000	WSCR	Scranton, Pa.	1000	WBBQ	Augusta, Ga.	1000
WIRK	W. Palm Beh., Fla.	5000	K01	Seattle, Wash.	5000	W010	Pieters, P. R.	1000	WGAA	Cedar town, Ga.	1000
WDEC	Americus, Ga.	1000d	WCLG	Morgantown, W. Va.	1000d	W01C	Columbia, S. C.	5000	WMSR	Manchester, Tenn.	5000d
WCHK	Canton, Ga.	1000d	WKLC	St. Albans, W. Va.	1000d	KELO	Sioux Falls, S. Dak.	5000	KVMC	Colorado City, Tex.	1000d
WTOC	Savannah, Ga.	5000	1310-228.9			WKIN	Kingsport, Tenn.	5000d	KXYZ	Houston, Tex.	5000
KSNM	Pocatello, Idaho	1000d	WHEP	Foley, Ala.	1000d	WMSR	Manchester, Tenn.	5000d	W01F	Herrin, Ill.	1000
WIRL	Peoria, Ill.	5000	WJAM	Marion, Ala.	5000d	KVME	Colorado City, Tex.	1000d	W01J	Jefferson, Ill.	1000
WREY	New Albany, Ind.	5000	KBUZ	Mesa, Ariz.	5000	K0PZ	Salt Lake City, Utah	5000	W01W	Bedford, Ind.	1000
KWNS	Pratt, Kansas	5000	KB0K	Malvern, Ark.	1000d	K0T	Garlow, Calif.	5000d	WTRC	Elkhart, Ind.	1000
W0BL	Benton, Ky.	5000d	KPOD	Greent City, Calif.	1000d	W018	Lynchburg, Va.	1000	W01C	Muncie, Ind.	1000
KJEF	Jennings, La.	1000d	KDIA	Oakland, Cal.	5000	WEET	Richmond, Va.	1000d	K0SK	Sun Valley, Idaho	1000
WHGR	Houghton Lake, Mich.	5000	KTRK	Taft, Calif.	1000d	KXRO	Aberdeen, Wash.	5000	W0S0	Decatur, Ill.	1000
WNIL	Niles, Mich.	5000	KFKA	Greeley, Colo.	5000d	KHIT	Walla Walla, Wash.	1000d	W01P	Herrin, Ill.	1000
W01B	Saline, Mich.	500d	WICH	Norwich, Conn.	5000	W01R	Wisconsin Rapids, Wis.	5000	W01V	Bedford, Ind.	1000
KBMO	Benson, Minn.	500d	W00D	Deland, Fla.	5000d	1330-225.4			W01C	Elkhart, Ind.	1000
WBLE	Batesville, Miss.	1000d	W018	Perry, Fla.	1000d	W018	Scottsboro, Ala.	1000d	W01C	Muncie, Ind.	1000
KALM	Thayer, Mo.	1000d	W018	Wauscha, Fla.	500d	KMOP	Tucson, Ariz.	500d	K0RS	Clinton, Iowa	1000
KGV0	Missoula, Mont.	5000	W018	Wagon, Ga.	1000d	KVEE	Conway, Ark.	500d	K0KN	Kansas City, Kans.	1000d
K01L	Omaha, Neb.	5000	W018	Waynesboro, Ga.	1000d	KL0M	Lompoc, Cal.	1000d	K0SEK	Pittsburg, Kans.	1000
W018	Keena, N. H.	5000	W018	West Point, Ga.	1000d	K018	Los Angeles, Calif.	5000	W018	Ashland, Ky.	1000
K018	Soeroro, N. M.	1000d	KNU1	Makawao, Hawaii	5000	KLBS	Los Banos, Calif.	500d	W018	Murray, Ky.	1000d
W018	Babylon, N. Y.	5000	KLIX	Twin Falls, Idaho	5000	K018	Redding, Calif.	5000d	W018	Richmond, Ky.	1000
W018	Binghamton, N. Y.	5000	W018	Indianapolis, Ind.	5000	W018	St. Pierre, Fla.	1000	KV0B	Bastrop, La.	250
W018	Hickory, N. C.	5000	K018	Perry, Iowa	5000	W018	Lakeland, Fla.	1000d	KRMD	Shreveport, La.	1000
W018	Sanford, N. C.	1000d	K018	Keokuk, Iowa	1000d	W018	Milton, Fla.	5000d	WFAU	Augusta, Maine	1000
W018	Bellaire, Ohio	1000d	KFLA	Scott City, Kans.	500d	W018	Tallahassee, Fla.	5000d	W018	Dover-Foxcroft, Me.	1000
W018	Dayton, Ohio	5000	W018	Madisonville, Ky.	1000	W018	Dublin, Ga.	5000	W018	Houlton, Maine	1000
KUMA	Pendleton, Oreg.	5000	W018	Prestonsburg, Ky.	5000d	WEAW	Evanston, Ill.	5000	W018	Gardner, Mass.	1000
KL1Q	Portland, Oreg.	5000d	K1K5	Sulphur, La.	500d	WRAM	Monmouth, Ill.	1000	W018	New Bedford, Mass.	1000
WFBG	Altoona, Pa.	5000	KU2N	W. Monroe, La.	1000d	WRRR	Rockford, Ill.	1000d	W018	Pittsfield, Mass.	1000
WICE	Providence, R. I.	5000	W018	Portland, Me.	5000	W018	Evansville, Ind.	5000	W018	Bax, Mich.	1000
W018	Sumter, S. C.	1000d	W018	Worcester, Mass.	5000	W018	Greensboro, Ind.	5000	W018	Grand Rap., Mich.	1000
W018	Winfield, Mo.	1000d	W018	Warren, Mich.	5000	W018	Wetumpka, Ga.	5000	W018	Hillsdale, Mich.	1000
KBLT	Big Lake, Tex.	5000	W018	Waco, Tex.	5000d	KFH	Wichita, Kans.	5000	W018	Manistee, Mich.	1000
K1VY	Crockett, Tex.	500d	KRBI	St. Peter, Minn.	1000d	WYGD	Corbin, Ky.	5000d	W018	Wagon, Mich.	1000
KRGV	Westaco, Tex.	500d	W018	Hattiesburg, Miss.	1000d	WMOR	Morehead, Ky.	1000d	W018	Potosi, Mich.	1000
KTRN	Wichita Falls, Tex.	5000	KFSB	Joplin, Mo.	5000	KV0L	Lafayette, La.	5000	W018	Royal Oak, Mich.	1000
WPVA	Colonial Hgts., Va.	5000d	KFB	Great Falls, Mont.	5000	WASA	Harve de Grace, Md.	5000d	KVBR	Brainerd, Minn.	1000
WAGE	Leesburg, Va.	1000d	KGMT	Fairbury, Nebr.	500d	WCRB	Waltham, Mass.	5000	KDLM	Detroit Lakes, Minn.	1000
W018	Rocky Mount, Va.	1000d	W018	Asbury Park, N. J.	1000	WTRX	Flint, Mich.	5000	WEVE	Evelett, Minn.	1000
WY0W	Logan, W. Va.	5000	W018	Camden, N. J.	1000	W018	Lakeland, Fla.	1000d	KR0C	Rochester, Minn.	1000
KAPY	Port Angeles, Wash.	1000d	KARA	Albuquerque, N. M.	1000d	W018	Fulton, Miss.	1000	KW1L	Willmar, Minn.	1000
WM1L	Milwaukee, Wis.	1000d	W018	Mt. Kisco, N. Y.	5000d	W018	Greenville, Miss.	1000	W018	Brookhaven, Miss.	250
WC0W	Sparta, Wis.	6000d	W018	Utica, N. Y.	1000	W018	Meridian, Miss.	1000d	W018	Laurel, Miss.	500
K0WB	Laramie, Wyo.	5000	W018	Asheville, N. C.	5000	K018	Willow Springs, Mo.	1000	KXED	Mexico, Mo.	1000d
1300-230.6			W018	Charlotte, N. C.	1000	KGAK	Gallup, N. Mex.	5000	KL1D	Poslar Bluff, Mo.	1000d
WBSA	Boaz, Ala.	1000d	W018	Durham, N. C.	5000	W018	New York, N. Y.	5000	KSGM	St. Genevieve, Mo.	1000
W018	Talassae, Ala.	1000d	W018	Grand Forks, N. Dak.	5000	W018	New York, N. Y.	5000	K018	Salem, Mo.	1000
W018	Winfield, Ala.	1000d	W018	WFAH Alliance, Ohio	1000d	W018	Owego, N. Y.	1000d	K018	Sedalia, Mo.	1000
KHAC	Window Rock, Ariz.	1000d	KNPT	Newport, Oreg.	5000	W018	Hazy Troy, N. Y.	1000	K018	Springfield, Mo.	1000
KWCB	Searay, Ark.	1000d	W018	Bedford, Pa.	5000d	W018	Havelock, N. C.	1000d	K018	Helena, Mont.	1000
KR0P	Brawley, Calif.	1000	W018	Ephrata, Pa.	5000d	W018	Campbell, Ohio	1000	K018	Livingston, Mont.	1000
KYNO	Fresno, Calif.	5000	W018	Warren, Pa.	5000d	W018	Findlay, Ohio	1000d	KATL	Miles City, Mont.	1000
KWKW	Pasadena, Calif.	5000	W018	Kingstree, S. C.	5000d	W018	Wellston, Ohio	5000	KYLT	Missoula, Mont.	250
KV0R	Colorado Springs, Colo.	5000	W018	Chattanooga, Tenn.	5000	W018	Willimby, O.	5000	KHUB	Fremont, Nebr.	500
WAVZ	New Haven, Conn.	1000	W018	Jackson, Tenn.	5000	W018	Portland, Tex.	5000	KGFW	Kearney, Nebr.	500
WRKT	Coena Beach, Fla.	5000	W018	Onsida, Tenn.	1000d	W018	Bellevue, Pa.	500	KSDJ	Sidney, Nebr.	1000
WFFG	Marathon, Fla.	500	KZ1P	Amarillo, Tex.	1000d	W018	Erie, Pa.	5000	K018	Las Vegas, Nev.	1000
W018	Tampa, Fla.	5000d	WRR	Dallas, Tex.	5000	W018	Conway, S. C.	5000	K018	Renov, Nev.	1000
W018	Moultrie, Ga.	5000d	K0YL	Odessa, Tex.	1000d	W018	Greenville, S. C.	5000	W018	Hanover, N. H.	1000

WHITES RADIO LOG

KHz	Wave Length	W.P.
WIRY	Plattsburgh, N.Y.	1000
WJRI	Lemir, N.C.	1000
WJRS	Lumberton, N.C.	1000
WQXF	Oxford, N.C.	1000
WQOW	Greenville, N.C.	1000
WGNL	Wilmington, N.C.	1000
WAIR	Winston-Salem, N.C.	250
KGPC	Grafton, N.Dak.	1000
WNCO	Ashtand, O.	1000
WQUB	Athens, Ohio	250
WIZE	Springfield, Ohio	1000
WSTV	Steubenville, Ohio	1000
KHLE	Huge Okla.	250
KOCY	Okla. City, Okla.	1000
KTOV	Sanna Springs, Okla.	500
KLOO	Corvallis, Ore.	1000
KWVR	Enterprise, Oreg.	250
KIHR	Hood River, Oreg.	250
KBBR	N. Bend, Ore.	1000
WCVI	Connellsville, Pa.	1000
WSAI	Grove City, Pa.	1000
WKZR	Oil City, Pa.	1000
WHAT	Philadelphia, Pa.	1000
WRAW	Reading, Pa.	1000
WTRN	Tyrene, Pa.	1000
WBRE	Wilkes-Barre, Pa.	1000
WWPA	Williamsport, Pa.	1000
WUNA	Aquadilla, P.R.	1000
WOKK	Charleston, S.C.	1000
WRHI	Rock Hill, S.C.	1000
WSSC	Sumter, S.C.	1000
KIJV	Huron, S. D.	1000
KRSD	Rapid City, S. Dak.	1000
WBAC	Cleveland, Tenn.	1000
KWRM	Columbia, Tenn.	1000
WGRV	Greenville, Tenn.	1000
WKGN	Knoxville, Tenn.	1000
WLOK	Memphis, Tenn.	1000
WKDC	Winchester, Tenn.	1000
WDDT	Ahilene, Tex.	1000
KTSL	Burnett, Tex.	250
KAND	Corsicana, Tex.	1000
KSET	El Paso, Tex.	250
KLBK	Lubbock, Tex.	1000
KBA	Lufkin, Tex.	1000
KPDN	Pampa, Tex.	250
KOLE	Port Arthur, Tex.	250
KTEO	San Angelo, Tex.	250
KVIC	Victoria, Tex.	250
WTWN	St. Johnsbury, Vt.	1000
WSTA	Charlotte Amalie, V.I.	250
WKEY	Covington, Va.	1000
WHAP	Hopwell, Va.	1000
WJMA	Orange, Va.	1000
KAGT	Anacortes, Wash.	1000
KSMK	Kennewick, Wash.	1000
KAPA	Raymond, Wash.	1000
KMEL	Wenatchee, Wash.	250
WHAR	Clarkburg, W. Va.	1000
WEPM	Manchester, W. Va.	1000
WMON	Montgomery, W. Va.	250
WOVE	Welch, W. Va.	1000
WLDY	Ladysmith, Wis.	1000
WRIT	Milwaukee, Wis.	1000
KSGT	Jackson, Wyo.	250
KYCN	Wheatland, Wyo.	250
KWOR	Worland, Wyo.	1000

1350-222.1

WELB	Elba, Ala.	1000
W6AD	Gadsden, Ala.	5000
KLYD	Bakersfield, Calif.	1000
KCKC	San Bernardino, Cal.	5000
KSRO	Santa Rosa, Calif.	5000
KKAM	Pueblo, Colo.	1000
WNLK	Norwalk, Conn.	1000
WINY	Putnam, Conn.	1000
WEZY	Cocoa, Fla.	1000
W6CF	Ocala City, Fla.	1000
WCAI	Ft. Myers, Fla.	1000
WBSG	Blackshear, Ga.	1000
WRWH	Cleveland, Ga.	1000
WAVC	Warner Robins, Ga.	5000
KRCL	Lawton, Ida.	1000
WXCL	Pearson, Wash.	5000
WJED	Salem, Ill.	1000
W10D	Kokomo, Ind.	5000
KRNT	Des Moines, Iowa	5000
KMAN	Manhattan, Kans.	5000
WLOU	Louisville, Ky.	5000
WSMB	New Orleans, La.	5000
WH1H	Hawkeye, Mich.	500
KDIO	Ortonville, Minn.	1000
WCMP	Pine City, Minn.	1000
WKCO	Corinth, Miss.	1000
WK0Z	Kosciusko, Miss.	5000
KCHR	Charleston, Mo.	1000
KBRX	O'Neill, Nebr.	1000
WLNH	Laconia, N.H.	5000

KHz	Wave Length	W.P.
WHWH	Princeton, N.J.	5000
KABQ	Albuquerque, N.M.	5000
WBCA	Corning, N.Y.	1000
WRNY	Roma, N.Y.	5000
WBMS	Black Mountain, N.C.	5000
WHIP	Mooresville, N.C.	1000
WLLY	Wilson, N.C.	1000
KBMR	Bismarck, N. D.	5000
WLSR	Akron, O.	5000
WCSS	Celina, Ohio	5000
WCHI	Chillicothe, Ohio	1000
KRHI	Dunbar, Okla.	250
KTLQ	Tahlequah, Okla.	1000
KRVC	Ashtand, Oreg.	1000
WORK	York, Pa.	5000
WWBR	Windber, Pa.	1000
WDAB	Darlington, S.C.	1000
WGSW	Greenwood, S.C.	1000
WRKM	Carthage, Tenn.	1000
KCAR	Clarksville, Tex.	5000
KTXJ	Jasper, Tex.	1000
KCOR	San Antonio, Tex.	5000
WBLT	Bedford, Va.	1000
WFLS	Fredericksburg, Va.	1000
WAVY	Norton, Va.	5000
WNVA	Portsmouth, Va.	5000
WPDF	Portage, Wis.	5000

1360-220.4

WWWB	Jasper, Ala.	1000
WLQJ	Mobile, Ala.	5000
WNFC	Monroeville, Ala.	1000
WRKJ	Carthage, Ala.	1000
KRUX	Glendale, Ariz.	5000
KLYR	Clarksville, Ark.	5000
KFFA	Helena, Ark.	1000
KFIV	Modesto, Cal.	5000
KRCK	Ridgecrest, Calif.	1000
KGB	San Diego, Calif.	5000
KDEY	Boulder, Colo.	5000
WDRB	Hartford, Conn.	5000
WBSB	Jacksonville, Fla.	5000
WKAT	Miami Beach, Fla.	5000
WINT	Winter Haven, Fla.	1000
WAZA	Bainbridge, Ga.	1000
WLAW	Lawrenceville, Ga.	1000
WMAC	Metter, Ga.	5000
WYNN	Rome, Ga.	5000
WELB	DeKalb, Ill.	1000
WVMC	Mt. Carmel, Ill.	1000
WGFA	Waukega, Ill.	1000
KHAK	Cedar Rapids, Iowa	1000
KRCB	Council Bluffs, Iowa	1000
KXGI	Ft. Madison, Iowa	1000
KSCJ	Sioux City, Iowa	5000
KBTO	El Dorado, Kans.	5000
WFLW	Monticello, Ky.	1000
KDXI	Manchester, La.	1000
KNIR	New Iberia, La.	1000
KTLD	Tallulah, La.	5000
WELB	Baltimore, Md.	5000
WBYN	Lynn, Mass.	1000
WKYO	Care, Mich.	5000
WKMI	Kalamazoo, Mich.	5000
KLRS	Mountain Grove, Mo.	1000
KIGX	McConk, Nebr.	1000
WNNI	Newton, N.C.	1000
WVWZ	Vineland, N.J.	1000
WKOP	Binghamton, N.Y.	5000
WCHS	Olean, N.Y.	1000
WHLN	Chapel Hill, N.C.	1000
KEYZ	Williston, N.D.	5000
WSAI	Cincinnati, Ohio	5000
WWOW	Conneaut, Ohio	5000
KLUK	Elshoro, Oreg.	5000
WMCK	McKeesport, Pa.	5000
WPPA	Pottsville, Pa.	5000
WELP	Easley, S.C.	1000
WLCM	Lancaster, S.C.	1000
WBLC	Lenoir City, Tenn.	1000
WNAH	Nashville, Tenn.	1000
KRAY	Amarillo, Tex.	5000
KACT	Andrews, Tex.	1000
KWBA	Baytown, Tex.	1000
KRYS	Corpus Christi, Tex.	1000
KXOL	Ft. Worth, Tex.	5000
WBOB	Galax, Va.	1000
WHBG	Harrisonburg, Va.	5000
WGRD	Grand Coulee, Wash.	1000
KMO	Tacoma, Wash.	5000
WH1B	Batawan, W. Va.	1000
WMOV	Ravenswood, W. Va.	1000
WBSY	Green Bay, Wis.	5000
WISV	Viroqua, Wis.	1000
WMNE	Menomonee, Wis.	1000
KVRS	Rock Springs, Wyo.	1000

1370-218.8

KBYE	Calera, Ala.	1000
WAWW	Heber Springs, Ark.	500
KTPA	Prescott, Ark.	5000
KREI	Corona, Cal.	5000
KQCY	Quincy, Calif.	5000
KEEN	San Jose, Calif.	5000
KGEN	Tulare, Calif.	1000
WKKM	Blountstown, Fla.	5000
WMEK	Ocala, Fla.	5000
WCOA	Pensacola, Fla.	5000
WAXE	Verona Beach, Fla.	1000
WLOP	Jesup, Ga.	5000

KHz	Wave Length	W.P.
WFDR	Manchester, Ga.	1000
WFOV	Washington, Ga.	1000
WPRC	Lincoln, Ill.	1000
WTTT	Bloomington, Ind.	5000
KDTH	Dubuque, Iowa	5000
KGNO	Dodge City, Kans.	5000
KALN	Jola, Kans.	5000
WABD	Ft. Campbell, Ky.	5000
WTKY	Grayson, Ky.	5000
WGTH	Tompkinsville, Ky.	1000
KAPB	Marksville, La.	1000
WDEA	Elsthorpe, La.	5000
WMHI	Braddocks Hts., Md.	5000
WKIK	Leonardtown, Md.	1000
WGHN	Grand Haven, Mich.	5000
KSUM	Fairmont, Minn.	1000
WMKT	S. St. Paul, Minn.	5000
WMGO	Ganton, Miss.	1000
KWRT	Boonville, Mo.	1000
KCRV	Caruthersville, Mo.	1000
KXLF	Buffe, Mont.	5000
KAWL	York, Nebr.	5000
WFEA	Manchester, N.H.	5000
WELV	Ellenville, N.Y.	5000
WALK	Patchogue, N.Y.	5000
WSAY	Rochester, N.Y.	5000
WLTC	Gastonia, N.C.	5000
WTAB	Tabor City, N.C.	5000
KJFM	Grand Forks, N.D.	1000
WSPD	Toledo, Ohio	5000
KVYL	Holdenville, Okla.	5000
KAST	Astoria, Oreg.	1000
WOTR	Cory, Pa.	1000
WPAZ	Pottstown, Pa.	1000
WKMC	Roaring Spgs., Pa.	1000
WIVV	Vieques, P.R.	1000
WKFJ	Wickford, R.I.	5000
WDEF	Chattanooga, Tenn.	5000
WDXE	Lawrenceburg, Tenn.	1000
WRGS	Wrightsville, Tenn.	1000
KOKE	Austin, Tex.	1000
KFR0	Longview, Tex.	1000
KPOS	Post, Tex.	1000
KOSP	Salt Lake City, Utah	1000
WBTN	Bennington, Vt.	1000
KJFM	Marionville, Va.	5000
WJWS	South Hill, Va.	5000
KPOR	Quincy, Wash.	1000
WEIF	Moundville, W. Va.	1000
WCCN	Neillsville, Wis.	5000
KVVO	Cheyenne, Wyo.	1000

1380-217.3

WRAB	Arab, Ala.	1000
WGYV	Greenville, Ala.	1000
WVSA	Vernon, Ala.	1000
KDYE	N. Little Rock, Ark.	1000
KBMV	Wickford, Calif.	1000
KGMS	Sacramento, Calif.	1000
KBW	Salinas, Calif.	5000
KFLJ	Walsenburg, Colo.	1000
WOWW	Naugatuck, Conn.	5000
WAMS	Wilmington, Del.	5000
WLIZ	Lake Worth, Fla.	5000
WQXQ	Ormond Beach, Fla.	1000
WQCY	St. Petersburg, Fla.	5000
WAOK	Atlanta, Ga.	1000
WSIZ	Ocala, Ga.	5000
KPOI	Honolulu, Hawaii	5000
WJCM	Brazil, Ind.	5000
WKJG	Ft. Wayne, Ind.	5000
KCIM	Carroll, Iowa	1000
KCH	Washington, Iowa	5000
WDL	California, Kan.	5000
WMTA	Central City, Ky.	5000
WVKY	Winchester, Ky.	1000
WYNK	Baton Rouge, La.	5000
WKTJ	Farmington, Me.	1000
WTHP	Port Huron, Mich.	1000
WPLB	Greenville, Mich.	1000
KLIZ	Brainerd, Minn.	5000
KAGE	Winona, Minn.	5000
WDLT	Indianola, Miss.	5000
KWK	St. Louis, Mo.	5000
KUVR	Holdrege, Nebr.	500
WBXX	Portsmouth, N.H.	1000
WAWZ	Zarephath, N.J.	5000
WFSR	Bath, N.Y.	5000
WBXK	New York, N.Y.	5000
WLOS	Asheville, N.C.	5000
WTOB	Winston-Salem, N.C.	5000
WPIZ	Lorain, Ohio	5000
WPKO	Waverly, Ohio	1000
KSVO	Lawton, Okla.	1000
WNUS	Huskara, Okla.	1000
KHKS	Ousk Lake, Oreg.	1000
KSRV	Ontario, Oreg.	5000
WACB	Kittanning, Pa.	1000
WMLP	Milton, Pa.	1000
WNYZ	Waynesboro, Pa.	1000
WARR	Woonsocket, R.I.	1000
WAGS	Bishopville, S.C.	1000
WGSU	N. Asheville, S.C.	5000
KOTA	Rapid City, S.Dak.	5000
KFCB	Redfield, S.Dak.	5000
WYSH	Clinton, Tenn.	1000
WGMM	Millington, Tenn.	5000
KJET	Beaumont, Tex.	1000
KBWD	Brownwood, Tex.	1000
KCRM	Crane, Tex.	1000
KTSM	El Paso, Tex.	5000

KHz	Wave Length	W.P.
KMUL	Muleshoe, Tex.	1000
KBOP	Pleasanton, Tex.	1000
WYSB	Rutland, Vt.	5000
WTVR	Birmingham, Va.	5000
SKVO	Barry, Va.	5000
KPEP	Spokane, Wash.	5000
WMTD	Hinton, W. Va.	1000
WBEL	Beloit, Wis.	5000

1390-215.7

WHMA	Anniston, Ala.	5000
KDQN	DeQueen, Ark.	1000
KAMO	Hogers, Ark.	5000
KCEB	Long Beach, Calif.	5000
KCEY	Yreka, Calif.	5000
KFML	Denver, Colo.	5000
WUWU	Gainsville, Fla.	5000
WISK	Americus, Ga.	5000
WNUS	Chicago, Ill.	5000
WF1W	Fairfield, Ill.	1000
WJCD	Seymour, Ind.	1000
KCLN	Clinton, Iowa	1000
KCBC	Des Moines, Iowa	1000
KMCK	Concordia, Kans.	5000
WANY	Albany, Ky.	1000
WKIC	Hazard, Ky.	5000
KFRA	Franklin, La.	5000
WEGP	Presque Isle, Me.	5000
KJPV	Waynesville, Mo.	1000
WCA	Orange, Mass.	1000
WPLM	Plymouth, Mass.	5000
WCEB	Charlotte, Mich.	5000
KAOH	Duluth, Minn.	5000
KRFO	Owatonna, Minn.	5000
WROA	Gulfport, Miss.	1000
WQIC	Meridian, Miss.	5000
KJPV	Waynesville, Mo.	1000
KENN	Farmington, N.Mex.	5000
KHOB	Hobbs, N.Mex.	5000
WEOK	Rocky Mount, N.Y.	5000
WR1V	Riverhead, N.Y.	1000
WFLB	Syracuse, N.Y.	5000
WEED	Rocky Mount, N.C.	5000
WADA	Shelby, N.C.	1000
WJRM	Troy, N.C.	5000
KLPM	Minot, N.Dak.	5000
WQHP	Bellefontaine, Ohio	5000
WMP0	Middleport, Ohio	5000
WPMO	Pomeroy, O.	5000
WFMJ	Youngstown, Ohio	5000
KCRC	Enid, Okla.	1000
KLSM	Salad, Oreg.	5000
WLAN	Lancaster, Pa.	5000
WRSO	State College, Pa.	1000
WISA	Isabella, Pa.	1000
WHFB	Belton, S.C.	1000
WCSO	Charleston, S.C.	5000
KJAM	Madison, S.D.	5000
WYXI	Athens, Tenn.	5000
WTJS	Jackson, Tenn.	5000
KLUP	El Campo, Tex.	5000
KBEC	Waxahachie, Tex.	5000
KBLW	Legan, Utah	1000
WEAM	Arlington, Va.	5000
WWD0	Lynchburg, Va.	50

kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
KIGO	St. Anthony, Ida.		WRON	Roneverte, W. Va.	1000	WQBC	Vicksburg, Miss.	1000	KCHE	Cherokee, Iowa	500d
KSPT	Sandpoint, Idaho	1000	WRRC	Spencer, W. Va.	1000	KBTN	Naosho, Mo.	500d	KEWI	Topeka, Kans.	5000
WDWS	Champaign, Ill.	1000	WKWK	Wheeling, W. Va.	250	KOOO	Omaha, Nebr.	1000d	WCDS	Glasgow, Ky.	1000d
WGIL	Galesburg, Ill.	1000	WBTH	Williamson, W. Va.	1000	KSOX	Santa Rosa, N. Mex.	1000d	WPDE	Paris, Ky.	1000d
WROZ	Evansville, Ind.	1000	WATW	Ashland, Wis.	1000	WALY	Herkimer, N.Y.	1000d	WEZJ	Williamsburg, Ky.	1000d
WBAT	Marion, Ind.	1000	WBIZ	Eau Claire, Wis.	1000	WACK	Newark, N.Y.	500	KMLB	Monroe, La.	5000
KGOG	Centerville, Ia.	500	WBDU	Green Bay, Wis.	1000	WLNA	Peekskill, N.Y.	1000d	WJAB	Westbrook, Me.	5000d
KVFD	Fort Dodge, Iowa	1000	WRJN	Racine, Wis.	1000	WCFY	Maydon, N.C.	500	WABW	Worcester, Mass.	5000
KVOE	Emporia, Kans.	1000	WRBB	Reedsburg, Wis.	1000	WGS	Warrenton, N.C.	5000d	WBCB	Baby's N.Y.	1000d
KAYS	Hays, Kans.	1000	WRIG	Wausau, Wis.	1000d	WVOT	Wilson, N.C.	1000	WDDW	Dowagiac, Mich.	1000d
KVCN	Cynthiana, Ky.	250	KATI	Casper, Wyo.	1000	WHK	Cleveland, Ohio	5000	WCHB	Inkster, Mich.	1000
WIEL	Elizabethtown, Ky.	1000	KODI	Cody, Wyo.	1000	KYNG	Coos Bay, Oreg.	1000d	KQRS	Golden Valley, Minn.	5000d
WFTG	London, Ky.	250	1410—212.6			WCOJ	Coatesville, Pa.	5000	KEYL	Long Prairie, Minn.	1000
WFRP	Hammond, La.	1000	WUNI	Mohile, Ala.	5000	WCED	DoBois, Pa.	5000	WHHT	Lucedale, Miss.	1000d
KADK	Lake Charles, La.	1000	WRCS	Tuscumbia, Ala.	5000	WEUC	Ponce, P.R.	1000	WHEI	Pontotoc, Miss.	1000d
WRDO	Augusta, Maine	1000d	WTCK	Fort Smith, Ark.	1000	WERC	Chehaw, S.C.	1000	WMBV	Millville, N.J.	1000d
WIDE	Biddeford, Maine	1000	KERN	Bakersfield, Calif.	1000	WEMB	Erwin, Tenn.	5000d	WBAE	Baby's N.Y.	1000d
WWIN	Baltimore, Md.	1000	KRML	Carmel, Calif.	500d	WKSJ	Pulaski, Tenn.	1000	WJLL	Niagara Falls, N.Y.	1000d
WALE	Fall River, Mass.	1000	KRML	Carmel, Calif.	500d	KFYN	Bonham, Tex.	250d	WSGO	Oswego, N.Y.	1000d
WLLH	Lowell, Mass.	1000	KKOK	Lompoc, Calif.	500d	KLFB	Lubbock, Tex.	5000	WBLA	Elizabethtown, N.C.	1000d
WHMP	Northampton, Mass.	1000	KMYC	Marysville, Calif.	5000	KTRF	Lufkin, Tex.	1000	WBUY	Lexington, N.C.	5000
WKFR	Battle Creek, Mich.	1000	KCAL	Redlands, Cal.	5000	KGNB	New Braunfels, Tex.	1000d	KILO	Grand Forks, N.D.	1000
WJLB	Detroit, Mich.	1000d	KCOL	Ft. Collins, Colo.	1000	KPEP	San Angelo, Tex.	1000d	WHHH	Warren, Ohio	5000
WDLF	Houghton, Mich.	250	WFOJ	Hartford, Conn.	5000	WWSR	St. Albans, Vt.	1000d	KMEF	Medford, Oreg.	5000
WGNW	Munising, Mich.	1000	KERN	Elgin, Ill.	1000	WJGS	Galveston, Va.	1000d	KODT	The Dalles, Oreg.	1000d
WSAM	Saginaw, Mich.	1000	WMYR	Fort Myers, Fla.	5000	WKCV	Warrenton, Va.	5000d	WCDL	Carbondale, Pa.	5000d
WSJM	St. Joseph, Mich.	1000	WZST	Leesburg, Fla.	1000d	KITI	Chehalis-Centralia, Wash.	1000d	WNPV	Lansdale, Pa.	500d
WTCM	Traverse City, Mich.	1000	WONS	Tallahassee, Fla.	5000d	KREN	Renton, Wash.	500d	WGBE	Red Lion, Pa.	1000d
KEYL	Long Prairie, Minn.	1000	WGRI	Griffin, Ga.	1000d	KUJW	Walla Walla, Wash.	5000	WQOK	Greenville, S.C.	5000
KMHJ	Marshall, Minn.	1000	WSNE	Cummings, Ga.	1000d	WPLY	Plymouth, Wis.	5000	WZYX	Cowan, Tenn.	1000d
WMIN	Mpls.-St. Paul, Minn.	1000	WDAX	McRae, Ga.	1000d	1430—209.7			WHDM	McKenzie, Tenn.	500d
WHLB	Virginia, Minn.	1000	WLAQ	Rome, Ga.	1000	WFHK	Pell City, Ala.	1000d	KPUR	Amarillo, Tex.	5000
WBFP	Booneville, Miss.	1000	WTIM	Taylorville, Ill.	1000d	KHBM	Monticello, Ark.	1000d	KEYS	Corpus Christi, Tex.	1000
WNAG	Grenada, Miss.	1000	WAZY	Lafayette, Ind.	1000d	KAMP	El Centro, Calif.	1000d	KDNT	New York, N.Y.	5000
WJOS	Hattiesburg, Miss.	1000	KGRN	Grinnell, Iowa	500d	KARN	Fresno, Calif.	5000d	KGVL	Greenville, Tex.	1000
WMBC	Macon, Miss.	1000	KLEM	LeMars, Iowa	1000d	KALJ	San Gabriel, Calif.	500d	KWEL	Midland, Tex.	5000d
KFRU	Columbia, Mo.	1000	KCLO	Leavenworth, Kans.	5000d	KJAY	Sacramento, Calif.	500d	KEXX	Livingston, Tex.	5000d
KJCF	Festus, Mo.	1000	KWBW	Wichita, Kans.	5000	KGNU	Santa Clara, Cal.	1000d	WKLV	Blackstone, Va.	5000d
KSIM	Sikeston, Mo.	1000	WBLJ	Bowling Green, Ky.	5000	KOSI	Aurora, Colo.	5000	WHRN	Herndon, Va.	1000
KTTS	Springfield, Mo.	1000	WHLN	Harlan, Ky.	5000d	WIII	Homestead, Fla.	5000d	KDNG	Spokane, Wash.	5000d
KDRG	Deer Lodge, Mont.	250	KOBS	Alexandria, La.	1000d	WLAJ	Lakeland, Fla.	5000	WHLF	Bluefield, W. Va.	5000
KXGN	Glendive, Mont.	250	WHAG	Halfway, Md.	1000d	WPCF	Panama City, Fla.	5000	WABR	Burgaw, N. Va.	5000
KARR	Great Falls, Mont.	1000	WOKW	Brockton, Mass.	1000d	WGFS	Covington, Ga.	1000d	WNFL	Green Bay, Wis.	5000
KCOW	Alliance, Nebr.	1000	WGRD	Grand Rap., Mich.	1000d	WROD	Dalton, Ga.	2500	1450—206.8		
KLIN	Lincoln, Neb.	1000	KRFB	Litchfield, Minn.	500d	WEEF	Highland Park, Ill.	1000d	WDNG	Annisston, Ala.	1000
KBMI	Henderson, Nev.	250	KLWB	Roseau, Minn.	5000	WECY	Ottawa, Ill.	5000	WYAM	Bessemer, Ala.	1000
KWNA	Winneueca, Nev.	1000	WDSK	Cleveland, Miss.	1000d	WIRE	Indianapolis, Ind.	5000	WDIG	Dothan, Ala.	1000
WBRL	Berlin, N.H.	500	WQOP	North Platte, Neb.	1000	KASI	Ames, Iowa	1000d	WFIX	Huntsville, Ala.	1000d
WTSL	Hannover, N.H.	1000	WHTG	Asbury Park, N.J.	5000	KMRC	Morgan City, La.	5000	WLAY	Muscle Shoals City, Alabama	1000
WTRN	Littleton, N.H.	250	WDDE	Dunkirk, N.Y.	1000	WNAV	Annapolis, Md.	5000	KLAM	Cordova, Alaska	1000
KLTR	Santa Fe, N.M.	1000	WELM	Elmira, N.Y.	1000	WTTT	Amherst, Mass.	5000d	KAWT	Douglas, Ariz.	250
KCHS	Truth or Consequences, New Mexico	250	WBZA	Glens Falls, N.Y.	1000d	WIDN	Medford, Mass.	5000d	KNOT	Prescott, Ariz.	1000
KTNM	Tucumcari, N.M.	1000	WDTT	Watertown, N.Y.	5000	WBRB	Mt. Clemens, Mich.	5000	KOLD	Tucson, Ariz.	250
WOND	Piasentville, N.J.	1000	WVCO	Charlotte, N.C.	1000	WLAU	Laurel, Miss.	1000d	KENA	Mena, Ark.	250
WABY	Albany, N.Y.	1000	WSECO	Concord, N.C.	1000d	KAOL	Carrollton, Mo.	5000	KJWH	Camden, Ark.	1000d
WYSL	Buffalo, N.Y.	1000	WSCR	Durham, N.C.	1000d	WILS	St. Louis, Mo.	5000	KYOR	Blythe, Cal.	1000
WSLB	Ogdensburg, N.Y.	1000	WDING	Dayton, Ohio	5000	KRGI	Grand Island, Nebr.	5000	KWA	Burney, Cal.	1000
WBMA	Beaufort, N.C.	250	KPAM	Portland, Oreg.	5000d	KNJR	Newark, N.J.	5000	KWVA	Escondido, Calif.	250
WGBG	Greensboro, N.C.	1000	WLSH	Lansford, Pa.	5000d	KGFL	Roswell, N.M.	5000d	KPAL	Palm Springs, Cal.	1000
WSHB	Raeeford, N.C.	1000	KQV	Pittsburgh, Pa.	1000d	WMNC	Morgantown, N.C.	5000	KTPJ	Porterville, Calif.	1000
WSIC	Statesville, N.C.	1000	WPCC	Clinton, S.C.	1000d	WRD	Midway, N.Y.	5000	KSQL	San Francisco, Cal.	1000
WLSE	Wallace, N.C.	1000	WGMT	Martin, S.C.	1000d	WDM	Midway, N.Y.	5000	KVML	Sonora, Calif.	1000
WHCG	Waynesville, N.C.	1000	KBDU	Athens, Tex.	1000d	WRXO	Roxboro, N.C.	1000d	KVEN	Ventura, Calif.	1000
WSMJ	Weldon, N.C.	1000d	KBAN	Bowie, Tex.	5000	WFOB	Fostoria, Ohio	1000	KZIN	Yuba City, Calif.	100
KEYJ	Jamestown, N. Dak.	1000	KVLB	Cleveland, Tex.	500	WCLT	Newark, Ohio	500d	KIGW	Alamosa, Colo.	1000
WMAN	Mansfield, Ohio	1000d	KXIT	Dalhart, Tex.	5000	KELV	Alva, Okla.	500	KYDU	Greely, Colo.	1000
WPAY	Portsmouth, Ohio	1000	KDOX	McAlester, Okla.	250	KELI	Tulsa, Okla.	5000	WNAB	Bridgeport, Conn.	1000
KWON	Bartlesville, Okla.	1000	KRIG	Odessa, Tex.	1000	KGAY	Salem, Oreg.	5000	WILM	Wilmington, Del.	1000
KTMK	McAlester, Okla.	250	KBAL	San Sabu, Tex.	500	WVAM	Altoona, Pa.	5000	WOL	Washington, D. C.	1000
KNOR	Norman, Okla.	1000	WIKI	Chester, Va.	5000d	WNL	Cagus, P. R.	5000	WVJB	Brooksville, Fla.	250
KNO	Cottleville, Oreg.	1000d	WRIS	Roanoke, Va.	5000d	WBRL	Batesburg, S.C.	5000d	WMFJ	Daytona Beach, Fla.	1000
KIDJ	John Day, Ore.	1000	WRDS	S. Charleston, W. Va.	1000d	WATP	Marion, S.C.	1000d	WOCN	Waco, Tex.	250
WEST	Easton, Pa.	1000	WKHB	LaCrosse, Wis.	5000	WBUG	Ridgeland, S.C.	1000d	WKEU	Griffin, Ga.	1000
WJET	Erie, Pa.	1000	WKYO	Sheridan, Wyo.	1000	WGYV	Fountain City, Tenn.	1000d	WVWG	Milledgeville, Ga.	1000
WFEC	Harrisburg, Pa.	1000d	1420—211.1			WENO	Madison, Tenn.	1000	WBYG	Savannah, Ga.	1000
WWSF	Loretto, Pa.	250	WACT	Tuscaloosa, Ala.	5000d	WHBR	Memphis, Tenn.	1000	WLD	Valdosta, Ga.	1000
WICK	Seranton, Pa.	250	KHFH	Sierra Vista, Ariz.	1000	KSTB	Breckenridge, Tex.	1000d	KVSI	Montpelier, Ida.	1000
WRAK	Williamsport, Pa.	1000	KXOW	Hot Springs, Ark.	1000d	KEES	Gladewater, Tex.	1000d	KEEP	Twin Falls, Idaho	1000
WVOZ	Carolina, P. R.	1000	KPCO	Pocahontas, Ark.	1000d	KCOH	Houston, Tex.	1000d	WVON	Cicero, Ill.	1000
WCOS	Columbia, S.C.	1000	KRJO	Colorado Springs, Colo.	1000	KODG	Ogden, Utah	5000	WKEI	Kewanee, Ill.	500
WGTN	Georgetown, S.C.	1800	KSTN	Stockton, Calif.	5000	WVIV	Ashland, Va.	1000d	WCVS	Springfield, Ill.	1000
WHCQ	Spartanburg, S.C.	1000d	WLIS	Old Saybrook, Conn.	500d	WVIC	Clincho, Va.	1000d	WLYV	Ft. Wayne, Ind.	500
WBJM	Lemmon, S.D.	1000	WBRD	Bradenton, Fla.	1000	WBRG	Mt. Vernon, Wash.	5000	WJAY	Jeffersonville, Ind.	1000
WJZM	Clarksville, Tenn.	1000	WBFB	Delray Beach, Fla.	5000d	WEIR	Wirton, W. Va.	1000	WASK	Lafayette, Ind.	1000
WHUB	Cookeville, Tenn.	1000	WETH	St. Augustine, Fla.	1000d	WBEV	Beaver Dam, Wis.	1000d	WAOV	Vincennes, Ind.	1000
WLSB	Copelyville, Tenn.	1000	WAVO	Avondale Estates, Ga.	1000d	WHHY	Montgomery, Ala.	5000	KLWV	Cedar Rapids, Ia.	250
WGAP	Maryville, Tenn.	1000d	WBE	Columbus, Ga.	1000d	KDOT	Scottsdale, Ariz.	5000d	KYET	Payette, Ida.	250
WHAL	Shelbyville, Tenn.	1000	WPEH	Louisville, Ga.	5000d	KHOG	Fayetteville, Ark.	1000d	KWBW	Hutchinson, Kans.	1000
KRUN	Ballingier, Tenn.	1000	WLET	Toccoa, Ga.	5000	KOKY	Little Rock, Ark.	5000d	WTGO	Campbellsville, Ky.	1000
KBYG	Big Springs, Tenn.	1000	WCCN	Honolulu, Hawaii	5000	KQVN	Napa, Cal.	5000	WXXI	Manchester, Ky.	1000
KUNO	Corpus Christi, Tex.	1000	WINI	Murphersboro, Ill.	5000	KPRD	Riverside, Calif.	1000	WPAB	Lafayette, Ind.	1000
KILE	nr. Galveston, Tex.	250	WIMS	Michigan City, Ind.	5000d	WBSI	Bristol, Conn.	5000	WLKS	W Liberty, Ky.	1000
KBEJ	Jacksonville, Tex.	1000	WOC	Davenport, Iowa	5000	WLEH	Lehigh Acres, Fla.	1000d	KISG	Crowley, La.	1000
KIUN	Pecos, Tex.	1000	KJCK	Junction City, Kans.	1000d	WABR	Winter Park, Fla.	5000	KNOC	Natchitoches, La.	1000
KEYE	Perryton, Tex.	250	KULY	Elpass, Kans.	1000d	WWCC	Bremen, Ga.	1000d	WNPS	New Orleans, La.	250
KVOP	Plainview, Tex.	1000	WTRC	Ashland, Ky.	5000d	WVG	Brunswick, Ga.	5000	WLKN	Lincoln, Mo.	1000d
KDWT	Stamford, Tex.	1000	WTCR	Harredsburg, Ky.	1000d	WVMG	Cocharn, Ga.	5000	WRKD	Rockland, Maine	250
KTEM	Temple, Tex.	1000	WYJS	Owensboro, Ky.	5000	WRAJ	Anna, Ill.	500d	WKTP	South Paris, Maine	1000
KTFS	Texarkana, Tex.	250	KPEL	Lafayette, La.	1000	WIG	Normal, Ill.	1000	WFO	Cambarton, Md.	1000
KVOU	Uvalde, Tex.	250	WBSM	New Bedford, Mass.	5000	WIPR	Paris, Ill.	1000d	WTRU	Thurmont, Md.	1000
KIXX	Provo, Utah	250	WBEC	Pittsfield, Mass.	1000	WGM	Quincy, Ill.	5000	WMAS	Springfield, Mass.	1000
WDOT	Burlington, Vt.	1000	WAMH	Hamlet, Mich.	1000d	WROK	Rockford, Ill.	5000	WATZ	Alpena Township, Michigan	1000
WHHV	Hillsville, Va.	1000	WKPR	Kalamazoo, Mich.	1000d	WPGW	Portland, Ind.	500d			
WHIH	Portsmouth, Va.	1000	KTOE	Mankato, Minn.	5000						
WHLF	So. Boston, Va.	1000	WSUH	Oxford, Miss.	1000d						
WINC	Winchester, Va.	1000									
KEDJ	Lovetts, Wash.	1000									
KRSC	Othello, Wash.	250									
KNTT	Tacoma, Wash.	1000									
WBOY	Clarksburg, W. Va.	1000									

WHITE'S RADIO LOG

kHz	Wave Length	W.P.
WHTC	Holland, Mich.	1000
WMIQ	Iron Mtn., Mich.	250
WIBM	Jackson, Mich.	1000
WKLA	Ludington, Mich.	1000
WNEY	Newberry, Mich.	1000
WHLS	Port Huron, Mich.	1000
KATE	Albert Lea, Minn.	250
KBUN	Bemidji, Minn.	1000
KBMW	Wahpeton, N.O.	1000
	Breckinridge, Minn.	1000
WELY	Ely, Minn.	1000
KFAM	St. Cloud, Minn.	1000
WMBH	Clarksdale, Miss.	1000
WCJU	Columbia, Miss.	250
WJXN	Jackson, Miss.	250
WDKK	Meridian, Miss.	1000
WNAT	Natchez, Miss.	250
WROB	West Point, Miss.	1000
KFTW	Fredericktown, Mo.	1000
WMBH	Joplin, Mo.	1000
KIRX	Kirksville, Mo.	1000
KOKO	Warrensburg, Mo.	1000
KWPM	West Plains, Mo.	1000
KXXL	Bozeman, Mont.	1000
KUDI	Great Falls, Mont.	1000
KGMY	Missoula, Mont.	250
KRBN	Red Lodge, Mont.	1000
KYOK	Wolf Point, Mont.	1000
KWBE	Kearney, Nebr.	250
KONE	Reno, Nev.	250
WKXL	Concord, N.H.	1000
WFPG	Atlantic City, N.J.	1000
WCTC	New Brunswick, N.J.	1000
KRZY	Albuquerque, N.M.	250
KLMX	Clayton, N.Mex.	1000
KOBE	Las Cruces, N.Mex.	250
KENB	Forties, N.Mex.	1000
WCLI	Corning, N.Y.	1000
WWSC	Glen Falls, N.Y.	1000
WHDL	Olean, N.Y.	1000
WKIP	Poughkeepsie, N.Y.	1000
WKAL	Rome, N.Y.	1000
WATA	Boone, N.C.	1000
WGNC	Gastonia, N.C.	1000
KWIZ	Henderson, N.C.	1000
WHKP	Hendersonville, N.C.	1000
WHIT	New Bern, N.C.	1000
WFBS	Spring Lake, N.C.	1000
KGCA	Rugby, N.Dak.	250
WJER	Dever, Ohio	1000
WMOH	Hamilton, Ohio	1000
WLEC	Sandusky, Ohio	1000
KWHW	Altus, Okla.	1000
KGFF	Shawnee, Okla.	1000
KSWW	Woodward, Okla.	1000
KEED	Eugene, Ore.	1000
KFLW	Klamath Falls, Ore.	1000
KLBM	La Grande, Ore.	1000
KBPS	Portland, Ore.	1000
WGOE	Erie, Pa.	1000
WFRB	Franklin, Pa.	1000
WDAD	Indiana, Pa.	1000
WPAM	Pottsville, Pa.	1000
WMPT	So. Williamsport, Pa.	250
WMAJ	State College, Pa.	1000
WJPA	Washington, Pa.	250
WCPR	Coamo, P.R.	1000
WWSI	W. Warwick, R.I.	1000
WQSN	Charleston, S.C.	1000
WCRS	Greenwood, S.C.	1000
WMYB	Myrtle Beach, S.C.	1000
WHSC	Hartsfield, S.C.	1000
KBFS	Belle Fourche, S. Dak.	1000
KYNT	Yankton, S. D.	1000
WLAR	Athens, Tenn.	1000
WQOC	Chattanooga, Tenn.	1000
WDSG	Dyersburg, Tenn.	1000
WSMG	Greeneville, Tenn.	250
WLAF	LaFollette, Tenn.	1000
WGNB	Murfreesboro, Tenn.	1000
KAYC	Peaumont, Tex.	1000
KBEN	Carizzo Sprngs., Tex.	250
KCTI	Gonzales, Tex.	1000
KMBL	Junco, Tex.	1000
KGYL	Lampasas, Tex.	1000
KMHT	Marshall, Tex.	1000
KAMY	McCamery, Tex.	250
KNET	Palentine, Tex.	250
KSNY	Snyder, Tex.	1000
KURA	Moab, Utah	1000
KEYY	Provo, Utah	1000
KDXU	St. George, Utah	1000
WSNO	Barre, Vt.	1000
WTSB	Brattleboro, Vt.	1000
WFRF	Front Royal, Va.	1000
WENZ	Highland Springs, Va.	1000
WREL	Lexington, Va.	1000
WMVA	Martinsville, Va.	1000
WLPM	Suffolk, Va.	1000

kHz	Wave Length	W.P.
KBKW	Aberdeen, Wash.	1000
KOLX	Colfax, Wash.	250
KOPX	Port Angeles, Wash.	250
KAYE	Puyallup, Wash.	1000
WPAR	Parkersburg, W. Va.	1000
KFIZ	Fond du Lac, Wis.	1000
WDLB	Marshfield, Wis.	1000
WFPF	Park Falls, Wis.	1000
WRCD	Richland Center, Wis.	1000
KBBS	Buffalo, Wyo.	1000
KVOW	Riverton, Wyo.	250

1460-205.4

WFNH	Cullman, Ala.	5000
WPNX	Phenix City, Ala.	5000
KZOT	Prattanna, Ark.	500
KCCL	Paris, Ark.	500
KTYM	Inglewood, Calif.	5000
KOON	Salinas, Calif.	5000
KVRE	Santa Rosa, Calif.	1000
KYSN	Colo. Sprngs., Colo.	1000
WBAR	Barlow, Fla.	1000
WZEP	DeFuniak Springs, Fla.	1000
WMBR	Jacksonville, Fla.	5000
WDYZ	Buford, Ga.	5000
WPNX	Columbus, Ga.	1000
WROY	Carmi, Ill.	1000
WXIN	Dixon, Ill.	1000
WRTL	Rantoul, Ill.	250
WKAM	Goshen, Ind.	1000
WOCM	North Vernon, Ind.	1000
KSO	Des Moines, Iowa	5000
KCRB	Chanute, Kans.	1000
WRVK	Mt. Vernon, Ky.	300
WXOK	Baton Rouge, La.	5000
KBSF	Springhill, La.	1000
WEMD	Easton, Md.	1000
WBET	Brookton, Mass.	1000
WBRN	Big Rapids, Mich.	1000
WPNF	Pontiac, Mich.	1000
KDWA	Hastings, Minn.	1000
KDMA	Montevideo, Minn.	1000
WELZ	Belzoni, Miss.	1000
WACY	Moss Point, Miss.	1000
KADY	St. Charles, Mo.	5000
KRNY	Kearney, Nebr.	5000
KEND	Las Vegas, Nev.	1000
WJZZ	Mt. Pleasant, N.J.	5000
WOKO	Rocky Hill, N.Y.	5000
WVOX	New Rochelle, N.Y.	5000
WHEC	Rochester, N.Y.	5000
WFGV	Fuquay Sprngs., N.C.	1000
WRKB	Kannapolis, N.C.	500
WMMH	Marshall, N.C.	300
WBNS	Columbus, Ohio	5000
WPLV	Waynesville, O.	1000
KROW	Dallas, Ore.	5000
KELR	E. Reno, Okla.	500
WMBB	Ambridge, Pa.	500
WCMA	Harrisburg, Pa.	5000
WFBAB	San Sebastian, P.R.	500
WBCU	Union, S.C.	1000
WJAK	Jackson, Tenn.	5000
WBRD	Pompano Beach, Fla.	5000
KBRZ	Freeport, Tex.	500
KLLL	Lubbock, Tex.	1000
WACO	Waco, Tex.	1000
WPRW	Manassas, Va.	5000
WRAD	Radford, Va.	5000
KYAC	Kirkland, Wash.	5000
KIMA	Yakima, Wash.	5000
WUBC	Winnemucca, W.Va.	5000
WRAC	Racine, Wis.	500
WTMB	Tomah, Wis.	1000

1470-204.0

WBLO	Evergreen, Ala.	1000
KOLI	Coalinga, Calif.	500
KUTY	Palmdale, Cal.	5000
KXOA	Sacramento, Calif.	5000
KKEP	Estes Park, Colo.	1000
WMMW	Meriden, Conn.	1000
WBRD	Pompano Beach, Fla.	5000
WCWR	Tarpon Springs, Fla.	5000
WAAG	Adel, Ga.	1000
WDOL	Athens, Ga.	1000
WCLA	Claxton, Ga.	1000
WRGA	Rome, Ga.	5000
WMPH	Chicago Heights, Ill.	1000
WMBD	Peoria, Ill.	5000
WHUT	Anderson, Ind.	1000
KTRI	Sloux City, Iowa	5000
KWVY	Waverly, Iowa	1000
KABE	Aetehon, Kans.	1000
KLIB	Liberia, Kans.	1000
WSAC	Fort Knox, Ky.	1000
KTDL	Farmersville, La.	1000
KPLC	Lake Charles, La.	5000
WLAM	Lewiston, Maine	1000
WJDY	Salisbury, Md.	5000
WTRR	Westminster, Md.	1000
WSRO	Marlborough, Mass.	1000
WNBW	Newburyport, Mass.	5000
WKMF	Flint, Mich.	5000
WKLZ	Kalamazoo, Mich.	5000
KANO	Anoka, Minn.	1000
WCHJ	Brookhaven, Miss.	1000
WNUU	New Albany, Miss.	5000
KGBH	Brookfield, Mo.	5000
KTCM	Malvern, Mo.	1000

kHz	Wave Length	W.P.
WTKO	Ithaca, N.Y.	1000
WPDF	Potsdam, N.Y.	1000
WPCB	Greensboro, N.C.	500
WPNC	Plymouth, N.C.	1000
WSPR	Spruce Pine, N.C.	1000
WOHO	Toledo, Ohio	1000
KVLV	Pauls Valley, Okla.	250
KVIN	Vinita, Okla.	500
WRCD	Reedsport, Oreg.	5000
WSAN	Allentown, Pa.	5000
WFAF	Farrell, Pa.	1000
WFWL	Fortage, Pa.	5000
WQXL	Columbia, S.C.	5000
WVNH	Georgetown, S.C.	1000
WEAG	Alcoa, Tenn.	1000
WVOL	Berry Hill, Tenn.	5000
KRBC	Abilene, Tex.	5000
KDHN	Dimmitt, Tex.	5000
KWRD	Henderson, Tex.	5000
KCNV	San Marcos, Tex.	250
WTZE	Tazewell, Va.	1000
KELA	Centerville, Wash.	5000
KSEM	Moses Lake, Wash.	5000
KAPS	Mount Vernon, Wash.	5000
WVHY	Huntington, W.Va.	5000
WBZE	Wheeling, W.Va.	500
WBKV	West Bend, Wis.	1000

1480-202.6

WARI	Abbeville, Ala.	1000
WBTB	Bridgeport, Ala.	1000
WBBB	Mobile, Ala.	500
KHAT	Phoenix, Ariz.	1000
KGLU	Safford, Ariz.	1000
KTHS	Berryville, Ark.	1000
KWUN	Concord, Calif.	5000
KYOS	Merced, Calif.	5000
KWIZ	Santa Ana, Calif.	5000
KSEE	Santa Maria, Calif.	1000
KCMS	Manitou Springs, Colo.	500
KWSD	Windsor, Conn.	500
WAFG	Arcadia, Fla.	1000
WGNB	Panama Beach, Fla.	500
WVCF	Windermere, Fla.	1000
WYZE	Atlanta, Ga.	5000
WRDW	Augusta, Ga.	5000
WGSB	Ga. Beach, Ill.	1000
WJMB	Jerseyville, Ill.	500
WTHI	Terre Haute, Ind.	1000
WRSW	Warsaw, Ind.	5000
KLEE	Ottumwa, Iowa	500
KBEA	Mission, Kan.	1000
KLEO	Wichita, Kans.	5000
WKOA	Hopkinsville, Ky.	1000
WNKY	Neon, Ky.	1000
WJMA	Jena, La.	500
WTKS	Somersel, Ky.	1000
KANV	Jonesville, La.	500
KIOE	Shreveport, La.	1000
WSAR	Fall River, Mass.	5000
WMAX	Grand Rapids, Mich.	5000
WIOS	Tawas City, Mich.	5000
WYSL	Ypsilanti, Mich.	500
KASB	Ashtabula, Minn.	1000
KEHG	Fosston, Minn.	1000
WCEP	Carthage, Miss.	500
KGCK	Sidney, Miss.	5000
KLMS	Lincoln, Nebr.	1000
KWEW	Hobbs, N. Mex.	5000
WLEA	Hornell, N.Y.	1000
WHOM	New York, N.Y.	5000
WADP	Rensselaer, N.Y.	5000
WVKO	Fair Bluff, N.C.	1000
WVOK	Charlotte, N.C.	5000
WYRN	Louisburg, N.C.	5000
WMSI	Sylva, N.C.	5000
WHBC	Canton, Ohio	5000
WCIN	Cincinnati, Ohio	5000
WTRA	Lafayette, Pa.	500
WDAS	Philadelphia, Pa.	5000
WVIL	Shamokin, Pa.	1000
WSPH	Shippensburg, Pa.	5000
WMDJ	Fajardo, P.R.	1000
KSDR	Watertown, S.D.	1000
WJFC	Jefferson City, Tenn.	500
WMMQ	Memphis, Tenn.	5000
WJLE	Emmitsburg, Tenn.	1000
KBOX	Dallas, Tex.	5000
KLVL	Pasadena, Tex.	1000
KAPE	San Antonio, Tex.	5000
KONI	Spanish Fork, Utah	1000
WCFR	Springfield, Vt.	1000
WBBL	Richmond, Va.	5000
WLEE	Richmond, Va.	5000
WBLU	Salisbury, Va.	5000
KFHA	Lakewood Center, Wash.	1000

1490-201.2

WANA	Anniston, Ala.	250
WAJF	Deatur, Ala.	1000
WBLD	Lanett, Ala.	1000
WBBB	Scalia, Ala.	1000
KYCA	Prescott, Ariz.	1000
KAIR	Tucson, Ariz.	250

kHz	Wave Length	W.P.
KXAR	Hope, Ark.	1000
KDRS	Paragould, Ark.	1000
KOTN	Pin Bluff, Ark.	1000
KXRI	Russellville, Ark.	1000
WKAC	Bakersfield, Calif.	1000
KPAS	Banning, Calif.	250
KICO	Calxico, Calif.	250
KRKC	King City, Calif.	1000
KTOB	Petaluma, Calif.	1000
KBLF	Red Bluff, Calif.	1000
KDB	Santa Barbara, Calif.	1000
KOWL	So. Lake Tahoe, Cal.	1000
KSYC	Yreka, Calif.	1000
KBOL	Boulder, Colo.	1000
KGUC	Gunnison, Colo.	250
KCMS	Manitou Springs, Colo.	500
KDLR	Sterling, Colo.	250
WGCH	Greenwich, Conn.	250
WTRL	Eradenton, Fla.	250
WJBS	Deland, Fla.	1000
KCNV	San Marcos, Fla.	250
WCFB	Immokalee, Fla.	250
WMBM	Miami Beach, Fla.	250
WSRA	Milton, Fla.	1000
WPXE	Starke, Fla.	1000
WTFE	Vero Beach, Fla.	1000
WSIR	Winter Haven, Fla.	500
WMOG	Brunswick, Ga.	1000
WJMJ	Cordele, Ga.	1000
WMRE	Monroe, Ga.	1000
WSFB	Quitman, Ga.	250
WSNT	Sandersville, Ga.	500
WSYL	Sylvania, Ga.	250
KTOH	Lihou, Hawaii	1000
KODI	Carroll, Idaho	1000
WKRO	Cairo, Ill.	250
WDAN	Danville, Ill.	1000
WAMV	East St. Louis, Ill.	1000
WOPA	Oak Park, Ill.	1000
WZOE	Princeton, Ill.	1000
WKVB	Richmond, Ind.	1000
WNDU	South Bend, Ind.	1000
KRUB	Burlington, Iowa	1000
WBQB	Dubuque, Iowa	1000
KBAB	Indianola, Ia.	500
KRIB	Mason City, Ia.	1000
KKAN	Phillipsburg, Kans.	250
KTOP	Topeka, Kan.	1000
WFKY	Frankfort, Ky.	1000
KKAY	Glasgow, Ky.	1000
WMI	Owensboro, Ky.	1000
WSIP	Paintsville, Ky.	1000
WKIC	Bogalusa, La.	1000
KEUN	Enice, La.	1000
KJIN	Houma, La.	1000
KRUS	Ruston, La.	1000
WPRR	Portland, Maine	1000
WTVY	Waterville, Maine	1000
WARK	Hagerstown, Md.	1000
WHAV	Haverhill, Mass.	250
WMRC	Milford, Mass.	1000
WTXL	W. Springfield, Mass.	1000
WABJ	Adrian, Mich.	1000
WDRN	Midland, Mich.	1000
WLRC	Whitehall, Mich.	1000
KXRA	Alexandria, Minn.	250
KOZY	Grand Rapids, Minn.	1000
KLGR	Redwd. Falls, Minn.	1000
WLOX	Biloxi, Miss.	1000
WCLD	Cleveland, Miss.	1000
WHOC	Philadelphia, Miss.	1000
WUPU	Tupelo, Miss.	1000
WVIB	Kicksburg, Miss.	1000
KDMD	Carthage, Mo.	250
KTRR	Rolla, Mo.	1000
KDRO		

kH _z	Wave Length	W.P.	kH _z	Wave Length	W.P.	kH _z	Wave Length	W.P.	kH _z	Wave Length	W.P.
WGAL	Lancaster, Pa.	1000	KCTV	Childress, Tex.	2500	WBCO	Bucyrus, Ohio	5000	WTNS	Coshocton, Ohio	10000
WBCB	Levittown, Pa.	1000	KABH	Midland, Tex.	5000	WABQ	Cleveland, Ohio	1000	WGNW	Fairfield, O.	50000
WMRF	Lewiston, Pa.	1000	KMOO	Minneapolis, Tex.	2500	WNIO	Niles, Ohio	5000	WTCO	Toledo, Ohio	50000
WVWG	Meadville, Pa.	1000	KROB	Robstown, Tex.	5000	WNIO	Ulrichville, O.	250	KWCO	Chickasha, Okla.	1000
WNBT	Wellsboro, Pa.	1000	KSTV	Stephenville, Tex.	2500	KZEL	Eugene, Ore.	10000	WRSJ	Bayamon, P.R.	5000
WSIB	Chastain, S.C.	1000	KGA	Spokane, Wash.	50000	WCPJ	Philadelphia, Pa.	500000	WAGL	Lancaster, S.C.	100000
WGCD	Chastain, S.C.	10000	WAUK	Waukesha, Wis.	100000	WPTS	Pittston, Pa.	1000	WGGM	Nashville, Tenn.	100000
WRRB	Greenville, S.C.	1000	1520—197.4			WPMN	Punxsutawney, Pa.	10000	WGLB	Bolivar, Tenn.	2500
KORN	Mitchell, S.D.	1000	WAOA	Opelika, Ala.	1000	WAOK	Newport, R.I.	10000	KCAD	Abilene, Tex.	5000
WQPI	Bristol, Tenn.	1000	KMPG	Hollister, Cal.	500	WKKR	Pickens, S.C.	10000	KKGG	Dangerfield, Tex.	10000
WDXB	Chattanooga, Tenn.	1000	KMFB	Mendocino, Cal.	10000	WBFJ	Woodbury, Tenn.	5000	KHBR	Hillsboro, Tex.	2500
WROL	Fountain City, Tenn.	1000	KACY	Port Hueme, Calif.	10000	KBUEY	Ft. Worth, Tex.	500000	KGUL	Port Lavaca, Tex.	5000
WJIM	Lewisburg, Tenn.	1000	WTLN	Apopka, Fla.	1000	KBGC	Galveston, Tex.	1000	KGHO	Hoquiam, Wash.	10000
WDXL	Lexington, Tenn.	1000	WGNP	Indian Rocks Beach, Fla.	10000	KEDA	San Antonio, Tex.	10000	KDFL	Sumner, Wash.	2500
KNOW	Austin, Tex.	250	WIXX	Oakland Park, Fla.	10000	WRGM	Richmond, Va.	10000	WFSP	Kingwood, W.Va.	5000
KIBL	Beville, Tex.	250	WXPQ	Eatonton, Ga.	5000	WKFK	Bellevue, Wash.	1000	WGLB	Port Washington, Wis.	2500
KBST	Big Spring, Tex.	1000	WHOW	Clinton, Ill.	50000	WTKM	Hartford, Wis.	5000			
KHYZ	Borger, Tex.	2500	WLUV	Leves Park, Ill.	5000	1550—193.5			1570—191.1		
KNEL	Brady, Tex.	2500	WVSL	Shelbyville, Ind.	1000	WAAV	Huntsville, Ala.	50000	WCRL	Oneonta, Ala.	10000
KWMC	Del Rio, Tex.	250	KSIB	Creston, Iowa	10000	WMOB	Mobile, Ala.	500000	WTXQ	Selma, Ala.	50000
KSAM	Huntsville, Tex.	250	WRSL	Stanford, Ky.	5000	WJUS	Tucson, Ariz.	50000	KBRI	Brinkley, Ark.	2500
KVOZ	Laredo, Tex.	250	KXKW	Lafayette, La.	1000	KXEX	Fresno, Calif.	5000	KEB	Ferby, Ark.	2500
KZZN	Littlefield, Tex.	1000	WVOB	Bell Air, Md.	2500	KKHI	San Fran., Calif.	10000	KRSA	Alisal, Calif.	2500
KPLT	Paris, Tex.	250	WTRI	Brunswick, Md.	2500	KQXI	Arvada, Colo.	100000	KCVR	Lodi, Calif.	50000
KDOK	Tyler, Tex.	250	WKJR	Muskogee Hts., Mich.	10000	WEXT	W. Hartford, Conn.	10000	KACE	Riverside, Calif.	10000
KVVC	Vernon, Tex.	1000	WYNZ	Ypsilanti, Mich.	2500	WRIZ	Coral Gables, Fla.	100000	KLOV	Loveland, Colo.	2500
KVOG	Ogden, Utah	1000	KOLM	Rochester, Minn.	100000	WGOG	New Smyrna Beach, Fla.	2500	WTWB	Auburndale, Fla.	5000
KVKT	Brattleboro, Vt.	1000	KMPL	Sikeston, Mo.	5000	WYOU	Tampa, Fla.	10000	WFBF	Fernandina Beach, Fla.	10000
WFAD	Middlebury, Vt.	1000	WSLT	Ocean City-Somers Pt., N. J.	10000	WTHB	Augusta, Ga.	50000	WOKC	Okechobee, Fla.	10000
WIKL	Newport, Vt.	1000	KHIP	Albuquerque, N.Mex.	5000	WYJL	Jacksonville, Ill.	10000	WLEW	Ward Ridge, Fla.	1000
WVGA	Culpeper, Va.	1000	WKWB	Buffalo, N.Y.	50000	WCSJ	Morris, Ill.	2500	WMES	Ashburn, N.Y.	250
WVEC	Hampton, Va.	1000	WTHE	Minneapolis, N.Y.	100000	WPDF	Corydon, Ind.	2500	WGHC	Clayton, Ga.	10000
WAYB	Waynesboro, Va.	1000	WDSL	Mooresville, N.C.	5000	WCVL	Crawfordsville, Ind.	250	WBAD	College Park, Ga.	10000
KBRO	Bremerton, Wash.	1000	WCAB	Rutherfordord, N.C.	2500	WCTW	New Castle, Ind.	250	WCSR	Millen, Ga.	2500
KLOG	Kelso, Wash.	1000	KMAV	Mayville, N.D.	5000	WSTV	Sullivan, Ind.	250	WOKZ	Alton, Ill.	1000
KENE	Toppensish, Wash.	1000	WBNO	Bryan, Ohio	5000	KIWA	Sheldon, Iowa	5000	WFRJ	Freeport, Ill.	50000
KTEL	Walla Walla, Wash.	1000	WINT	Canton, O.	10000	KEDD	Dodge City, Kans.	10000	WBEE	Harvey, Ill.	2500
WGCV	Charleston, W.Va.	1000	WNW	Kent, O.	10000	KNIC	Winfield, Kan.	2500	WTAY	Robinson, Ill.	2500
WTCS	Fairmont, W.Va.	10000	WTO	Toledo, O.	10000	WIRV	Irving, Ky.	10000	WLO	Frankfort, Ind.	2500
WLOH	Princeton, W.Va.	1000	KOMA	Oklahoma City, Okla.	50000	WMSK	Morganfield, Ky.	2500	WHEL	New Albany, Ind.	10000
WGSB	Sutton, W.Va.	1000	KYMN	Oregon City, Ore.	10000	WLUX	Baton Rouge, La.	50000	KMCD	Fairfield, Iowa	2500
WGEZ	Beloit, Wis.	10000	WCHE	West Chester, Pa.	250	KOKA	Shreveport, La.	10000	KJFJ	Webster City, Iowa	2500
WLXC	LaCrosse, Wis.	10000	WRAI	Rio Piedras, P.R.	250	WELK	Elkton, Md.	10000	KNDY	Marysville, Kans.	2500
WIGM	Medford, Wis.	10000	WTGR	Myrtle Beach, S.C.	250	WNTN	Newton, Mass.	100000	WKKS	Vanceburg, Ky.	2500
WOSH	Oshkosh, Wis.	1000	WSLV	Ardmore, Tenn.	2500	WSHN	Fremont, Mich.	10000	WABL	Amite, La.	5000
KLME	Laramie, Wyo.	500	WBHT	Brownsville, Tenn.	2500	WOKJ	Jackson, Miss.	50000	KLAR	Winnsboro, La.	1000
KRTR	Thermopolis, Wyo.	1000	WIDD	Elizabethton, Tenn.	10000	WSAO	Senatobia, Miss.	50000	WFPE	Taunton, Mass.	10000
KGOS	Torrington, Wyo.	1000	1530—196.1			KGMO	Gate Girardou, Mo.	50000	WMLD	Beverly, Mass.	500
			WAAO	Andalusia, Ala.	10000	KKJO	St. Joseph, Mo.	5000	WDEW	Westfield, Mass.	10000
			WLCB	Moulton, Ala.	10000	KJCS	Hastings, Neb.	5000	WMRF	Flint, Mich.	10000
			WCTR	Chestertown, Mo.	1530	WGBR	Canadaigua, N.Y.	250	WFUR	Frank Rapids, Mich.	10000
			KCAT	Pine Bluff, Ark.	2500	WBAZ	Kingston, N.Y.	1000	KUXL	Golden Valley, Minn.	10000
			KTMN	Trumann, Ark.	2500	WBVM	Utica, N.Y.	1000	WONA	Winona, Miss.	10000
			KFBK	Sacramento, Calif.	50000	WPXY	Greenville, N.C.	5000	KLEX	Lexington, Mo.	2500
			KRYT	Colosato Springs, Colo.	10000	WYNA	Raleigh, N.C.	10000	WAFS	Amsterdam, N.Y.	10000
			WDJZ	Bridgeport, Conn.	10000	WTFN	Tryon, N.C.	10000	WFLR	Dundee, N.Y.	2500
			WDJZ	Englewood, Fla.	1000	WFCM	Winston-Salem, N.C.	10000	WABZ	Frederonia, N.Y.	2500
			WTTI	Dalton, Ga.	10000	KQWB	Fargo, N.D.	50000	WAPC	Riverhead, N.Y.	10000
			KNBI	Norton, Kan.	10000	WDLR	Delaware, Ohio	5000	WTLK	Taylorville, N.C.	5000
			KWLA	Many, La.	10000	KMAD	Madill, Okla.	2500	WNCA	Siler City, N.C.	10000
			WCTR	Chestertown, Md.	2500	KREK	Sapulpa, Okla.	5000	WCLW	Mansfield, O.	10000
			WRPM	Poplarville, Miss.	100000	WLOA	Braddock, Pa.	10000	WPTW	Piqua, Ohio	2500
			WTHM	Lapeer, Mich.	50000	WTCO	Towanda, Pa.	5000	KTAT	Frederick, Okla.	2500
			WERY	Wyoming, Mich.	5000	WKFE	Yauco, P.R.	250	KOLS	Pryor, Okla.	10000
			KSMN	Shakopee, Minn.	2500	WBSG	Bennettsville, S.C.	10000	KWAY	Forest Grove, Ore.	10000
			KPCR	Bowling Green, Mo.	5000	KWBC	Waco, Tex.	5000	KVGH	Harrison, Ore.	10000
			KMAM	Butler, Mo.	5000	WKYE	Bristol, Tenn.	10000	WPGM	Forestburg, Penn.	10000
			KLOL	Lincoln, Neb.	50000	WPTN	Cookeville, Tenn.	2500	WBUX	Doylestown, Pa.	50000
			WKCY	Cincinnati, Ohio	50000	WPTI	Cookville, Tenn.	2500	WQTW	Latrobe, Pa.	50000
			KWLG	Wagoner, Okla.	10000	WKPT	Kingsport, Tenn.	100000	WFGN	Gaffney, S.C.	2500
			WHYP	North East, Pa.	10000	KCOM	Comanche, Tex.	2500	WJES	Johnston, S.C.	2500
			WMBT	Shenandoah, Pa.	2500	KWIC	Salt Lake City, Utah	100000	WLSG	Conover, S.C.	10000
			WUPR	Utahdo, P.R.	10000	WKBA	Vinton, Va.	100000	KVRA	Vermillion, S.D.	10000
			WASC	Spartanburg, S.C.	10000	WVAB	Virginia Beh., Va.	50000	WHLP	Centerville, Tenn.	10000
			KGAT	Harlingen, Tex.	50000	WVVA	Charlestown, W.Va.	5000	WCLC	Cleveland, Tenn.	10000
			KCLR	Rails, Tex.	50000	KQQT	Bellingham, Wash.	10000	WTRB	Ripley, Tenn.	10000
			WQVA	Quantico, Va.	250	KGAR	Vancouver, Wash.	10000	KZOL	Farwell, Tex.	2500
			KCHY	Cheyenne, Wyo.	10000	WMIR	Lake Geneva, Wis.	10000	KVLG	La Grange, Tex.	2500
			1540—195.0			WMAD	Madison, Wis.	50000	KTER	Terrell, Tex.	2500
			WANL	Lineville, Ala.	100000	1560—192.3			WSWV	Pennington Gap, Va.	10000
			KASL	Phoenix, Ariz.	50000	WAGC	Centre, Ala.	10000	WYTI	Rocky Mount, Va.	10000
			KPOL	Los Angeles, Calif.	1000	KDDA	Dumas, Ark.	2500	WEER	Warrenton, Va.	10000
			WBSR	Pensacola, Fla.	1000	KBIB	Monette, Ark.	10000	WAPL	Appleton, Wis.	10000
			WJGA	Jackson, Ga.	10000	KPMO	Bakersfield, Calif.	25000	1580—189.2		
			WOGA	Sylvestor, Ga.	10000	KIQS	Wilkes, Calif.	10000	WEYY	Talladega, Ala.	10000
			WSMI	Litchfield, Ill.	10000	WTAI	Eau Gallie, Fla.	50000	KTUF	Tempe, Ariz.	50000
			WBNI	Boonville, Ind.	2500	WYSE	Inverness, Fla.	1000	KPCA	Marked Tree, Ark.	2500
			WADM	Deater, Ind.	2500	WCIC	Gordon, Ga.	2500	KFDE	Van Buren, Ark.	10000
			WLOI	LaPorte, Ind.	2500	WBSY	Canton, Ill.	2500	KMRE	Anderson, Cal.	10000
			WLCB	Martinsville, Ind.	2500	WVAK	Paoli, Ind.	10000	KWIP	Merced, Calif.	5000
			KWEX	Waterloo, Iowa	50000	WREN	Rensselaer, Ind.	10000	KDAY	Santa Monica, Cal.	50000
			KKEX	Merpherson, Kans.	2500	KSWJ	Council Bluffs, Iowa	10000	KHUM	Santa Rosa, Calif.	50000
			KLKC	Parsons, Kans.	2500	KAFI	Abilene, Kan.	2500	KPIK	Colorado Sprs., Colo.	50000
			WDON	Wheaton, Md.	1000	WPHN	Liberty, Ky.	2500	WSBP	Chattahoochee, Fla.	10000
			WMRR	Marshall, Mich.	2500	WDXR	Paducah, Ky.	10000	WSRF	Ft. Lauderdale, Fla.	10000
			WLEF	Greenwood, Miss.	10000	WBSG	Sidell, La.	10000	WGT	Mount Dora, Fla.	10000
			KBXM	Kennett, Mo.	2500	WSDM	LaPlata, Md.	2500	WCFC	Punta Gorda, Fla.	10000
			WKXR	Exeter, N.H.	50000	WSPS	Portage, Mich.	10000	WCLS	Columbus, Ga.	10000
			WPTP	Albany, N.Y.	50000	WMSI	Sandusky, Mich.	10000	KIG	Glennville, Ga.	10000
			KPAW	Paris, N.Y.	50000	KBW	Blue Earth, Minn.	1000	WKD	Aurora, Ill.	2500
			WKYK	Burnsville, N.C.	10000	KJWF	Jay, Mo.	2500	WDON	DoQuoin, Ill.	2500
			WRPL	Charlotte, N.C.	10000	KLTI	Macon, Mo.	2500	WBBA	Pittsfield, Ill.	2500
			WIFM	Elkin, N.C.	10000	KTUI	Sullivan, Mo.	2500	WKID	Urbana, Ill.	2500
						WQXR	New York, N.Y.	50000	WCNB	Connersville, Ind.	2500

WHITE'S RADIO LOG

kHz	Wave Length	W.P.
WJVA	South Bend, Ind.	1000d
WAMW	Washington, Ind.	250d
ICHA	Charles City, Iowa	500d
KWNT	Davenport, Iowa	500d
KDSN	Denison, Iowa	500d
WAXU	Georgetown, Ky.	1000d
WMTL	Leitchfield, Ky.	250d
WPKY	Princeton, Ky.	250d
KLUV	Haynesville, La.	250d
KLOU	Lake Charles, La.	1000
WPGC	Bradbury Hts., Md.	1000d
WAQE	Towson, Md.	5000
WRBJ	St. Johns, Mich.	1000d
KDOM	Windom, Minn.	250d
WAMY	Amory, Miss.	5000d
WESY	Leland, Miss.	1000
WFMP	Pascagoula-Moss Point, Mississippi	1000d
KTGR	Columbia, Mo.	250d
KESM	El Dorado Springs, Mo.	500d
KNIM	Maryville, Mo.	250d
KAMI	Corydon, Neb.	1000d
WNJH	Hammon, N.J.	250d
WCRV	Washington, N.J.	5000
KLOS	Albuquerque, N.M.	1000d
WPAC	Patchogue, N.Y.	1000d
WZKY	Albany, N.Y.	5000
WPYB	Benson, N.C.	5000
WVKO	Columbus, Ohio	1000d
KLTR	Blackwell, Okla.	1000d
WCOY	Columbia, Pa.	500d
WEND	Ebensburg, Pa.	1000d
WAMB	Waynesburg, Pa.	250d
WORG	Orangeburg, S.C.	1000d
WBBR	Travelers Rest, S.C.	500d
WSKT	Colonial Village, Tenn.	250d
WHHM	Henderson, Tenn.	1000d
WLIJ	Shelbyville, Tenn.	1000d
WSKT	South Knoxville, Tenn.	250
KKAL	Denver City, Tex.	250d
KGAF	Gainesville, Tex.	250d

kHz	Wave Length	W.P.
KIRT	Mission, Tex.	1000d
KTLU	Rusk, Tex.	500d
KWED	Seguin, Tex.	1000d
KBYP	Shamrock, Tex.	250d
KBGD	Waco, Tex.	1000
WILA	Danville, Va.	1000d
WPUL	Pulaski, Va.	5000d
WTTN	Watertown, Wis.	1000d

1590—188.7

kHz	Wave Length	W.P.
WATM	Atmore, Ala.	5000d
WBIB	Centerville, Ala.	1000d
WVNA	Tusculum, Ala.	5000
KPBA	Fine Bluff, Ark.	1000d
KSPR	Springdale, Ark.	5000d
KLIV	San Jose, Cal.	5000d
KUDU	Ventura, Cal.	1000d
KCIN	Victorville, Calif.	500d
WARV	Warwick, E. Greenwich, Conn.	5000
WBRY	Waterbury, Conn.	5000
WELZ	St. Petersburg Beach, Florida	1000d

WELE St. Daytona Beh., Fla. 1000d

kHz	Wave Length	W.P.
WALG	Albany, Ga.	1000
WLFA	Lafayette, Ga.	5000d
WFGA	Thomason, Ga.	500d
WNMP	Evanson, Ill.	1000d
WAIK	Galesburg, Ill.	5000d
WGEI	Indianapolis, Ind.	5000d
WPCO	Mt. Vernon, Ind.	500d
KWBG	Boone, Iowa	1000d
KVGB	Great Bend, Kans.	5000
WLBK	Lebanon, Ky.	1000d
KEVL	White Castle, La.	1000d
WETT	Ocean City, Md.	1000
WVBC	Coldwater, Mich.	5000
WSMN	Marshall, Mich.	1000d
WMIC	St. Helen, Mich.	500d
KRAD	E. Grand Forks, Minn.	1000d
WWUN	Jackson, Miss.	5000
KDEX	Dexter, Mo.	1000d
KPRS	Kansas City, Mo.	1000d
WCLU	Rolla, Mo.	1000d
WSMN	Marsh, N.H.	5000
WERA	Plainfield, N.J.	500d
WAUB	Auburn, N.Y.	500d
WEHH	Elmira Heights-Horseheads, N.Y.	500d
WGGO	Salamanca, N.Y.	5000d
WBHN	Bryson City, N.C.	250d
WCSL	Cherryville, N.C.	500d

kHz	Wave Length	W.P.
WVDE	Chadburn, N.C.	1000
WNCT	Greenville, N. C.	500
WNOS	High Point, N.C.	1000d
WAKR	Akron, Ohio	5000
WSRW	Hillsboro, Ohio	500d
KHEM	Henryetta, Okla.	500d
KTIL	Tillamook, Ore.	5000
WZMG	Carnegie, Pa.	1000d
WCBG	Chambersburg, Pa.	5000
WEEZ	Chester, Pa.	1000
WXRF	Guayama, P.R.	1000
WYNG	Warwick, R.I.	1000d
WABV	Abbeville, S.C.	1000d
WACA	Camden, S.C.	1000d
ICOR	Pierre, S. D.	250
WPIP	Collierville, Tenn.	5000
WJSO	Jonesboro, Tenn.	5000d
WDBL	Springfield, Tenn.	1000d
KGAS	Garthage, Tex.	1000d
KERC	Eastland, Tex.	500d
KINT	El Paso, Tex.	1000d
KYOK	Houston, Tex.	5000
KCBJ	Lubbock, Tex.	5000
KBUS	Mexia, Tex.	1000
WSTO	Sinton, Tex.	1000
WISZ	Glen Burnie, Md.	500
WRGM	Richmond, Va.	5000d
KETO	Seattle, Wash.	5000d
WIXK	New Richmond, Wis.	5000d
WSWW	Platteville, Wis.	5000
WTRW	Two Rivers, Wis.	1000d
WAWA	West Allis, Wis.	1000d

1600—187.5

kHz	Wave Length	W.P.
WEUP	Huntsville, Ala.	5000d
WAPX	Montgomery, Ala.	1000
WVIO	Cottonwood, Ariz.	1000d
KFCW	Fusion, Ariz.	500
KGST	Fresno, Cal.	1000d
KWOW	Pomona, Cal.	5000
KZON	Santa Maria, Cal.	500d
KUBA	Yuba City, Calif.	5000
KLAK	Lakewood, Colo.	1000
WKEN	Dover, Del.	1000
WKTX	Atlantic Beach, Fla.	1000d
KTKB	Key West, Fla.	500
WHEW	Riverside Beach, Fla.	1000
WPRV	Wauchula, Fla.	500d
WOKB	Winter Garden, Fla.	5000d
WNGA	Nashville, Ga.	1000d
WRBN	Warner Robins, Ga.	1000d
WCGO	Chicago Hgts., Ill.	1000d
WMCW	Harvard, Ill.	500d
WBTO	Linton, Ind.	500d

kHz	Wave Length	W.P.
WARG	Peru, Ind.	1000d
KLGA	Algonia, Iowa	5000d
KCRG	Cedar Rapids, Iowa	5000
KMDO	Ft. Scott, Kans.	500d
WSTL	Eminence, Ky.	500d
WKYV	Greenville, Ky.	500d
KFNW	Ferriday, La.	1000d
KLEB	Golden Meadow, La.	1000d
KNCB	Vivian, La.	5000d
WLNK	Rockville, Md.	1000
WBOS	Brookline, Mass.	5000
WTYM	East Longmeadow, Mass.	5000d
WAAM	Ann Arbor, Mich.	5000
WTRU	Muskegon, Mich.	5000
WKDL	Clarksdale, Miss.	1000d
WFFF	Columbia, Miss.	500d
KATZ	St. Louis, Mo.	5000
KTTN	Trenton, Mo.	500d
KNCY	Nebraska City, Nebr.	500d
KRFS	Superior, Nebr.	500d
WURL	New York, N. Y.	5000
WMCGR	Oneida, N.Y.	1000d
WLNQ	Sag Harbor, N.Y.	500
WXKW	Troy, N.Y.	500d
WURL	Woodside, N. Y.	5000
WLV	Charlotte, N.C.	1000
WIDU	Fayetteville, N.C.	1000d
WHVL	Hendersonville, N.C.	1000d
WFRS	Reidsville, N.C.	1000
WKSK	W. Jefferson, N.C.	1000d
KDAK	Carrington, N.Dak.	500d
WAAQ	Ashtabula, Ohio	1000d
WBSY	Springfield, Ohio	1000d
WTF	Tiffin, Ohio	500d
KUSH	Cushing, Okla.	1000d
KASH	Eugene, Ore.	5000
KOHI	St. Helens, Ore.	1000d
WHOL	Allentown, Pa.	500d
WHRY	Elizabethtown, Pa.	500d
WFIS	Fountain Inn, S.C.	1000d
WFNL	No. Augusta, S.C.	500d
WHBT	Harriman, Tenn.	5000d
WKBJ	Milan, Tenn.	1000d
KBBB	Borger, Tex.	5000d
KBOR	Brownsville, Tex.	1000
KWEL	Midland, Tex.	1000d
KCYH	Cuero, Tex.	500d
KYAL	McKinney, Tex.	1000d
KOGT	Orange, Tex.	1000
KBCB	Centerville, Utah	1000d
WSJT	Chesapeake, Va.	1000d
WHLL	Wheeling, W. Va.	5000d
WCWC	Ripon, Wis.	5000

Canadian AM Stations by Frequency

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

kHz	Wave Length	W.P.
540—555.5		
CBK	Regina, Sask.	50,000
CBT	Grand Falls, Nfld.	10,000
550—545.1		
CFBR	Sudbury, Ont.	1,000d
CFNB	Fredericton, N.B.	50,000
CHLN	Trince-Rivières, Que.	10,000d
CKPG	Prince George, B.C.	5,000n
560—525.4		
CFOS	Owen Sound, Ont.	1,000
CHCM	Marystown, Nfld.	1,000d
CHTK	Prince Rupert, B.C.	1,000d
CJKL	Kirkland Lake, Ont.	250n
CKCN	Sept-Îles, Que.	10,000d
CKNL	Fort St. John, B.C.	5,000n
570—526.0		
CFGB	Corner Brook, Nfld.	1,000
CJEM	Edmundston, N.B.	5,000d
CKCQ	Quesnel, B.C.	1,000n
CKEK	Cranbrook, B.C.	1,000
CFWH	Whitehorse, Y.T.	1,000
580—516.9		
CFRA	Ottawa, Ont.	50,000d
CHLC	Hauterive, Que.	10,000n
CJFX	Antigonish, N.S.	5,000
CKAP	Kapuskasling, Ont.	1,000
CKPR	Port Arthur, Ont.	5,000d
CKUA	Edmonton, Alta.	1,000n
CKWV	Windsor, Ont.	500
CKXR	Salmon Arm, B. C.	1,000
CKY	Winnipeg, Man.	50,000

kHz	Wave Length	W.P.
590—508.2		
CFAR	Flin Flin, Man.	10,000d
CKEY	Toronto, Ont.	1,000n
CKRS	Jonquiere, Que.	1,000
CFTK	Terrace, B.C.	1,000
VOGM	St. John's, Nfld.	10,000
600—499.7		
CFCE	Montreal, Que.	5,000
CFCH	Callander, Ont.	10,000d
CFGC	Saskatoon, Sask.	5,000
CJVR	Vancouver, B.C.	10,000
CKCL	Turo, N.S.	1,000
610—491.7		
CHNC	New Carlisle, Que.	10,000d
CHTM	Thompson, Man.	1,000
CJAT	Trail, B.C.	1,000
CKML	Mont Laurier, P.Q.	1,000
CKTB	St. Catharines, Ont.	5,000n
CKYL	Peace River, Alta.	10,000d
620—483.6		
CFCL	Timmins, Ont.	10,000d
CKCK	Regina, Sask.	5,000n
CKCM	Grand Falls, Nfld.	10,000
630—475.9		
CFCO	Chatham, Ont.	10,000d
CFCY	Charlottetown, P. E. I.	1,000n
CHED	Edmonton, Alta.	10,000
CHLT	Sherbrooke, Que.	10,000d
CJET	Smiths Falls, Ont.	5,000n
CKAR	Huntsville, Ont.	1,000
CKOV	Kelowna, B.C.	1,000
CKRC	Winnipeg, Man.	10,000

kHz	Wave Length	W.P.
640—468.5		
CBN	St. John's, Nfld.	10,000
680—440.9		
CHFA	Edmonton, Alta.	5,000
CHFI	Toronto, Ont.	1,000d
CHLO	St. Thomas, Ont.	1,000
CJCN	Grand Falls, Nfld.	10,000
CJOB	Winnipeg, Man.	10,000d
CKGB	Timmins, Ont.	2,500n
690—434.5		
CBF	Montreal, Que.	50,000
CBU	Vancouver, B.C.	10,000
710—422.3		
CJSP	Leamington, Ont.	1000d
CFRG	Gravelbourg, Sask.	5,000d
CKVM	Ville-Marie, Que.	10,000d
CJGX	Grand Bank, Nfld.	1,000n
730—410.7		
CJNR	Blind River, Ont.	1,000
CKAK	Montreal, Que.	50,000
CKDM	Dauphin, Man.	10,000d
CKLG	North Vancouver, B.C.	5,000n
740—405.2		
CBL	Toronto, Ont.	50,000
CBX	Edmonton, Alta.	50,000
790—379.5		
CFDR	Dartmouth, N.S.	5,000
CFCW	Camrose, Alta.	10,000
CKMR	Newcastle, N.B.	1,000
CKSO	Sudbury, Ont.	10,000d
CHIC	Brampton, Ont.	5,000n

kHz	Wave Length	W.P.
800—374.8		
CFOB	Fort Frances, Ont.	1,000d
CHAB	Moose Jaw, Sask.	500n
CHRC	Quebec, Que.	5,000n
CJAD	Montreal, Que.	50,000d
CJBO	Bellefleur, Ont.	1,000
CJLX	Fort William, Ont.	10,000d
CKOK	Penticton, B.C.	5,000n
CKLW	Windsor, Ont.	50,000
WQVR	St. John's, Nfld.	1,000
810—370.2		
CHQR	Calgary, Alta.	10,000
850—352.7		
CJJC	Langley, B.C.	1,000
CKRD	Red Deer, Alta.	10,000d
CKVL	Verdun, Que.	1,000n
860—348.6		
CBH	Halifax, N.S.	10,000
CFPR	Prince Rupert, B.C.	10,000
CHAK	Inuvik, N.W.T.	1,000
CJBC	Toronto, Ont.	50,000
900—333.1		
CHML	Hamilton, Ont.	5,000
CHNO	Sudbury, Ont.	10,000d
CJBR	Rimouski, Que.	1,000n
CJVI	Victoria, B.C.	10,000
CKBI	Prince Albert, Sask.	10,000
CKDR	Dryden, Ont.	1,000d
CKDH	Amherst, N.S.	1,000
CKJL	St. Jérôme, Que.	1,000
CKTS	Shenbrooke, Que.	1,000
CKVD	Val D'Or, Que.	10,000d

kHx	Wave Length	W.P.	kHx	Wave Length	W.P.	kHx	Wave Length	W.P.	kHx	Wave Length	W.P.
910—329.5			1080—277.6			1270—263.1			1410—212.6		
CBO Ottawa, Ont.	5,000		CKSA Lloydminster, Alta.	10,000		CFGT Atms. Que.	1,000		CFMB Montreal, Que.	10,000	
CFJC Kamloops, B.C.	10,000d					CHAT Medicine Hat, Alta.	10,000		CFUN Vancouver, B.C.	10,000	
	1,000n		1090—275.1			CHWK Chilliwack, B.C.	10,000		CKSL London, Ont.	10,000	
CFSX Stephenville, Nfld.	500		CHCC Lethbridge, Alta.	5,000		CJCB Sydney, N.S.	10,000		1420—211.1		
CHRL Revelark, Que.	1,000		CHRS St. Jean, Que.	10,000d		1280—234.2			CKMT Chicoutimi, Que.	1,000	
CJDV Drumheiler, Alta.	5,000		1110—272.6			CHIQ Hamilton, Ont.	10,000d		CJVR Meiorik, Sask.	10,000	
CKLY Lindsay, Ont.	1,000		CBD Saint John, N.B.	10,000		CHQB Powell River, B.C.	1,000		CKPT Peterborough, Ont.	5,000	
920—329.9			CFLM Cornwall, Ont.	1,000		CJMS Montreal, Que.	50,000		1430—209.7		
CFRY Portage La Prairie, Man.	1,000		CFTJ Galt, Ont.	250d		CJSL Estevan, Sask.	1,000		CKFH Toronto, Ont.	10,000	
	10,000d		CHQT Edmonton, Alta.	10,000		CKCV Quebec, Que.	10,000d		1440—208.2		
CJCH Halifax, N.S.	5,000		1130—265.3			1290—232.4			CFPC Courtenay, B.C.	1,000	
CJGJ Woodstock, N.B.	1,000		CKWX Vancouver, B.C.	50,000		CFAM Altona, Man.	10,000d		CKPM Ottawa, Ont.	10,000	
CKCY Sault Ste. Marie, Ont.	10,000d		1140—263.0				5,000n		1450—206.8		
	2,500d		CBI Sydney, N.S.	10,000		CJDE London, Ont.	10,000		CBG Gander, Nfld.	250	
	1,000n		CKXL Calgary, Alta.	10,000		1300—230.6			CFAB Windsor, N.S.	250	
930—322.4			1150—260.7			CBAF Moncton, N.B.	5,000		CFJR Brockville, Ont.	1,000d	
CFBC Saint John, N.B.	10,000d		CHSJ Saint John, N.B.	10,000d		CJME Regina, Sask.	1,000		CHEF Granby, Que.	1,000d	
	5,000n		CKOC Hamilton, Ont.	5,000		1310—228.9			CHUC Cobourg, Ont.	250n	
CJCA Edmonton, Alberta	10,000d		CKTR Trois-Rivières, Que.	10,000d		CFGM Richmond Hill, Ont.	10,000d		CJBM Causapscal, Que.	1,000d	
	5,000n		CKX Brandon, Man.	10,000d		CHGB Ste-Anne-de-la-Pocatière, Que.	5,000			250n	
CJON St. John's, Nfld.	10,000		1170—256.3			CKOY Ottawa, Ont.	50,000		1460—205.4		
940—319.0			CFNS Saskatoon, Sask.	1,000		1320—227.1			CJOY Guelph, Ont.	10,000d	
CBM Montreal, Que.	50,000		1220—245.8			CHQM Vancouver, B.C.	10,000		CKRB Ville St. Georges, Que.	5,000n	
CJGX Yorkton, Sask.	10,000		CJOC Lethbridge, Alta.	10,000d		CJSO Sorel, Que.	10,000d			10,000d	
CJIB Vernon, B.C.	10,000d			5,000n		CKEC New Glasgow, N.S.	5,000			5,000n	
950—315.6			CJRL Kenora, Ont.	1,000		CKKW Kitchener, Ont.	1,000		1470—204.0		
CHER Sydney, N.S.	10,000		CJSS Cornwall, Ontario	1,000		1330—225.4			CFOX Pointe Claire, Que.	10,000d	
CKBB Barrie, Ont.	10,000d		CKDA Victoria, B.C.	10,000		CKKR Rosetown, Sask.	10,000			5,000n	
	2,500n		CKCW Moncton, N.B.	10,000		1340—223.7			CFRW Winnipeg, Man.	5,000	
CKNB Campbellton, N.B.	10,000d		CKSM Shawinigan, Que.	1,000		CFGB Goose Bay, Nfld.	1,000		CHOW Welland, Ont.	1,000d	
	1,000n		1230—243.8			CFLH Hearst, Ont.	100			500n	
960—312.3			CBDR Schefferville, Que.	250		CFSL Weyburn, Sask.	1,000d		1480—202.6		
CFAC Calgary, Alta.	10,000		CFB Smithers, B.C.	1,000d		CFYK Yellowknife, N.W.T.	1,000		CHRD Drummondville, Que.	10,000	
CHNS Halifax, N.S.	10,000d		CFGR Gravelbourg, Sask.	250n		CHAD Amos, Que.	250		1490—201.2		
CKWS Kingston, Ont.	10,000d		CFLK Kapuskasing, Ont.	100		CJLS Yarmouth, N.S.	250		CFMR Fort Simpson, N.W.T.	25	
	5,000n		CFPA Port Arthur, Ont.	1,000d		CJMS Ville Vanier, Que.	250		CFRC Kingston, Ont.	100	
970—309.1			CHFC Churchill, Man.	250		CKAR-I Parry Sound, Ont.	250		CHYM Kitchener, Ont.	10,000d	
CKCH Hull, Que.	5,000		CHVD Dolbeau, P.Q.	1,000d		CKCR Revelstoke, B.C.	250			5,000n	
CBZ Fredericton, N.B.	10,000		CKLD Thetford Mines, Que.	1,000d		CKXN Elliott Lake, Ont.	250		CJSN Shaunavon, Sask.	1,000d	
980—305.9			CKMP Midland, Ont.	1,000d		CKOY Woodstock, Ont.	1,000d			250n	
CBV Quebec, Que.	5,000		CKTK Kitimat, B.C.	250n		1350—222.1			CKAD Middleton, N.S.	1,000d	
CFPL London, Ontario	10,000d		VOAR St. John's, Nfld.	100		CHOV Pembroke, Ont.	1,000		CKBM Montmagny, Que.	1,000d	
	5,000n		1240—241.8			CJOC Dawson Creek, B.C.	1,000			250n	
CHEX Peterborough, Ont.	10,000d		CFLM La Tuque, Que.	1,000d		CJLM Joliette, Que.	1,000		CFWB Campbell River, B.C.	250	
	5,000n		CFYR Abbotsford, B.C.	250n		CKEN Kentville, N.S.	1,000		1500—199.9		
CKGM Montreal, Que.	10,000		CJAF Cabano, Que.	250		CKLB Oshawa, Ont.	10,000d		CKAY Duan, B.C.	1,000	
CKNW New Westminster, B.C.	50,000		CJAV Port Alberni, B.C.	1,000d		1360—220.4			1510—199.1		
	10,000d		CJCS Stratford	250n		CKBC Bathurst, N.B.	10,000		CKOT Tillsonburg, Ont.	1,000	
CKRM Regina, Sask.	5,000n		CJRW Summerside, P.E.I.	250		1370—218.8			1540—195.0		
			CJWA Wawa, Ont.	1,000d		CFLV Valleyfield, Que.	1,000		CHIN Toronto, Ont.	50,000	
990—302.8			CKWL Williams Lake, B.C.	250		1380—217.3			1550—193.5		
CBW Winnipeg, Man.	50,000		CKBS St. Hyacinthe, Que.	250		CFDA Victoriaville, Que.	1,000		CBE Windsor, Ont.	10,000	
CBY Corner Brook, Nfld.	10,000		CKLS La Sarre, Que.	250		CKLC Kingston, Ont.	10,000d		1560—192.3		
1000—299.8			CKOO Ossoyoos, B.C.	1,000d		CKPC Brantford, Ont.	10,000		CFRS Simcoe, Ont.	250d	
CKBW Bridgewater, N.S.	10,000		1250—239.9			1390—215.7			1570—191.1		
1010—296.9			CBOF Ottawa, Ont.	10,000		CKLN Nelson, B.C.	1,000		CFOR Orillia, Ont.	10,000d	
CBR Calgary, Alta.	50,000		CHWO Oakville, Ont.	1,000d		1400—214.2			1,000n		
CFRB Toronto, Ont.	50,000		CHSM Steinbach, Man.	10,000		CFLD Burns Lake, B.C.	250		CHUB Nanaimo, B.C.	10,000	
1050—285.5			CKBL Matane, Que.	10,000d		CJFP Rivière du Loup, Que.	10,000d		CKLM Montreal, Que.	50,000	
CFGP Grande Prairie, Alta.	10,000		CKOM Saskatoon, Sask.	10,000			250n		1580—189.2		
CHUM Toronto, Ont.	50,000		1260—238.0			CKCB Collingwood, Ont.	250		CBJ Chicoutimi, Que.	10,000	
CJIC Sault Ste. Marie, Ont.	10,000d		CFRN Edmonton, Alta.	50,000		CKRN Rouyn, Que.	250		1600—187.5		
	2,500n					CKSW Swift Current, Sask.	1,000d		CJRN Niagara Falls, Ont.	10,000	
CJNB North Battleford, Sask.	10,000						250n				
CKSB St. Boniface, Man.	10,000										
1060—282.8											
CFCN Calgary, Alta.	50,000										
CJLR Quebec, Que.	10,000										
1070—280.2											
CBA Saskville, N.B.	50,000										
CFAX Victoria, B.C.	1,000										
CHOK Sarnia, Ont.	5,000d										
	1,000n										

Are your home-town AM stations listed correctly in *White's Radio Log*? If you believe there is a correction to *White's* listings, please check first with your local station. For each call sign obtain the correct city location, frequency, and power. (Remember, even though your local paper may list a station as a "home-town" station, it may be officially licensed by the FCC for operation in the next city.) Get all the facts on a piece of paper (be very brief), include your name and address, and mail to *White's Radio Log*, RADIO-TV EXPERIMENTER, 505 Park Ave., New York, N. Y. 10022. Your help in contributing to the accuracy and completeness of *White's* Radio Log will be sincerely appreciated.

—Editor

Location	C.L.	Chan.	Location	C.L.	Chan.	Location	C.L.	Chan.	Location	C.L.	Chan.
Saginaw- Bay City	WKNX-TV	25	NEW JERSEY			Kettering (Dayton)	WKTR-TV	16	Florence		
Sault Ste. Marie	WWUP-TV	10	Burlington	WKBS-TV	48	Lima	WIMU-TV	25	(Watertown)	KDLO-TV	3
Traverse City	WPBN-TV	7	Linden (Newark)	WNJU-TV	47	Newark	WFGSF	28	Lead	KHSD-TV	11
University Center (Bay City)	WUCM-TV	19	Wildwood	WCMC-TV	40	Oxford	WWMUB-TV	14	Mitchell	KORR-TV	5
MINNESOTA			NEW MEXICO			Portsmouth	WRLO	30	Rapid City	KBHE-TV	9
Appleton	WUCM-TV	10	Albuquerque	KOB-TV	4	Stuebenville	WSTV-TV	9		KOTA-TV	3
Alexandria	KGMT	7		KOAT-TV	7	Toledo	WSTV-TV	11	Reliance	KPLO-TV	6
Austin	KAUS-TV	6		KGGM-TV	13		WSPD-TV	13	Sioux Falls	KELO-TV	11
Duluth	WDSB-TV	8	Carlsbad	KAVE-TV	5	Youngstown	WDHD-TV	24	Vermillion	KS00-TV	13
Duluth-Superior	WDIO-TV	10	Clevis	KFDW-TV	12		WGTB-TV	20		KUSD-TV	2
	KDAL-TV	3	Roswell	KSWB-TV	8		WFMJ-TV	21	TENNESSEE		
	WDSM-TV	6		KBIM-TV	10	Zanesville	WKBN-TV	27	Chattanooga	WRBC-TV	3
	WDSB-TV	8	NEW YORK				WYTV	23		WTVG	9
Hibbing	WIRT	13	Albany	WTEN	10		WHIZ-TV	18		WDEF-TV	12
Mankato	KEYC-TV	12		WAST	13	Ada	KTEN	10		WBBJ-TV	7
Minneapolis- St. Paul	WCCO-TV	4	Binghamton	WNBF-TV	12	Ardmore			Johnson City-Bristol- Kingsport	WJHL-TV	11
	KMSP-TV	9		WBJA-TV	34	Shermans- Denison, Tex.	KXII	12	Knoxville	WATE-TV	6
	WTCN-TV	11	Buffalo	WNRN-TV	2	Lawton	KSOW-TV	7		WBIR-TV	10
Rochester	KROC-TV	10		WGR-TV	2	Oklahoma City	WKY-TV	4	Memphis	WREG-TV	26
St. Paul- Minneapolis	KTCT-TV	17		WGEN-TV	2		KOCO-TV	5		WMCB	3
Walker	KSTP-TV	5		WKBW-TV	7		KWTN	9		WHBQ-TV	13
	KTCA-TV	2	Carthage- Watertown	WNYN-TV	7		KLPR-TV	14		WKNO-TV	10
	KNTM	12	Elmira	WSYE-TV	18		KETA	13	Nashville	WSM-TV	4
MISSISSIPPI			New York	WBCS-TV	2	Sayre	KFRD-TV	8		WLAC-TV	5
Biloxi-Gulfport- Pascagoula	WLOX-TV	13		WNBC-TV	4	Tulsa	KVOO-TV	2		WSIX-TV	8
Columbus	WCBI-TV	4		WNEW-TV	5		KOTV	6	Sneedville	WDCN-TV	2
Greenwood	WABG-TV	6		WABC-TV	7		KTUL-TV	8		WWSJK-TV	2
Hattiesburg- Laurel	WDAM-TV	7		WOR-TV	9	OREGON			Ahifene	KRBC-TV	9
Jackson	WLBT	3		WPIX	11	Coos Bay	KCBY-TV	11	Amarillo	KGNC-TV	4
	WJTV	11		WNYC-TV	13	Corvallis	KOAC-TV	7		KVII-TV	7
Meridian	WTOK-TV	12		WPTZ	5	Eugene	KEZI-TV	9	Austin	KFDA-TV	10
Tupelo	WTWW	9	Plattsburgh	WRCC-TV	8		KVAL-TV	7		KTBC-TV	7
MISSOURI			Rochester	WHCC-TV	10	Klamath Falls	KOTI	3	Beaumont	KHFI-TV	42
Cape Girardeau	KFVS-TV	12	Schenectady	WOKR	13	La Grande	KRTV	13		KFDM-TV	6
Columbia	KOMU-TV	7		WXXX	21	Medford	KTVM	5	Big Spring	KWAB-TV	12
Hannibal-Quincy	KHQA-TV	8		WRGB	6	Portland	KATU	2	Bryan	KBTX-TV	3
Jefferson City	KRCG	13	Syracuse	WMMT	17		KGW-TV	6	Corpus Christi	KIII	3
Joplin	KODE-TV	12		WSYR-TV	3		KOIN-TV	6		KRIS-TV	6
	KUMH-TV	16		WHEN-TV	5	Roseburg	KPTV	12		KZTV	10
	KUMH-TV	16		WNSY-TV	9		KOAP-TV	10	Dallas-Fort Worth	KRLD-TV	4
Kansas City	WDAF-TV	4	Utica	WCNY-TV	24		KPIC	4		WFAA-TV	8
	KCMO-TV	5		WKTV	2	PENNSYLVANIA				WFAA-TV	8
	KMBC-TV	9	NORTH CAROLINA			Allentown	WLVTV-TV	39	El Paso	KROD-TV	4
	KCSB-TV	19	Asheville	WLOS-TV	13	Altoona	WFBG-TV	10	El Paso- Juarez	KTSM-TV	9
Kirksville- Ottumwa, Ia.	KTVO	3		WISE-TV	62	Clearfield	WPSX-TV	3		KELP-TV	13
Poplar Bluff	KPOB-TV	15		WUNF-TV	33	Eric	WICU-TV	12		XEPM-TV	2
St. Joseph	KFEQ-TV	2	Chapel Hill	WUNC-TV	4		WJET-TV	24	Ft. Worth-Dallas	XEJ-TV	5
St. Louis	KTVI	2	Charlotte	WBT	3		WSEE	35		WBAP-TV	5
	KMOX-TV	4		WCTU-TV	36	Harrisburg	WQLN	34		KFTW	21
	KSD-TV	5		WSOC-TV	9		WHP-TV	21	Harlingen	KTVT	11
	KPLR-TV	11		WTVI	42	Hershey	WTPA	27	Houston	KBGT-TV	4
	KETC	9		WCTU-TV	36	Johnstown	WITF-TV	33		KPRC-TV	2
Sedalia	KMOS-TV	6	Columbia	WUNB-TV	2		WJAC-TV	6		KHOU-TV	11
Springfield	KYT	3	Concord	WUNG-TV	58	Lancaster	WARD-TV	56		KTRK-TV	13
	KTTS-TV	10	Durham-Raleigh	WTVI	11	Lebanon	WGBA-TV	6		KHTV	39
MONTANA			Greensboro	WFMY-TV	9	Philadelphia	WLYW-TV	13	Longview	KHER	16
Billings	KOOK-TV	2	Greenville	WNCT-TV	3		KYW-TV	3	Laredo	KGNS-TV	8
	KULR-TV	8	High Point	WGHP-TV	8		WFIL-TV	6	Lubbock	KCBD-TV	11
Butte	KXLF-TV	4	New Bern	WNBE-TV	12		WCAU-TV	10		KLBK-TV	13
Glendive	KXGN-TV	3	Linville	WUNV-TV	17		WPHL-TV	17	Lufkin	KTRE-TV	9
Great Falls	KRTV	3	Raleigh-Durham	WRAL-TV	5		WIBF-TV	29	Midland-Odessa	KRMID-TV	2
	KFRB-TV	3	Washington	WITF-TV	7		WKBS-TV	28	Monahans	KVMH-TV	4
Helena	KBLL-TV	13	Wilmington	WYAT	3		WUHY-TV	35	Odessa	KOSA-TV	7
Missoula	KGVO-TV	12	Winston-Salem	WECT	6	Pittsburgh	KDKA-TV	4	Port Arthur- Beaumont	KJAC-TV	4
NEBRASKA				WSJS-TV	12		WTAE-TV	4	Richardson	KRET-TV	23
Albion	KHQL-TV	8	NORTH DAKOTA				WUIC-TV	11	San Angelo	KACB-TV	3
Alliance	KTNE-TV	13	Bismarck	KFYR-TV	5		WQED	13		KCTV	8
Bassett	KMNE-TV	7		KXMB-TV	12	Seranton	WVIA-TV	44	San Antonio	WDAI-TV	4
Grand Island	KGIN-TV	11	Devils Lake	WDAZ-TV	8		WVIA-TV	44		KENS-TV	5
Hastings	KHAS-TV	5	Dickinson	KOIX-TV	2	Seranton- Wilkes-Barre	WNEP-TV	16		KONO-TV	12
Hayes Center	KHPL-TV	6	Fargo	WDAY-TV	6	York	WBRE-TV	28	San Antonio- Austin	KWEX-TV	41
Hay Springs	KDUH-TV	4		KTHI-TV	11		WSSA-TV	43		KLRN-TV	9
Henderson	KHBV	5	Minot	KFME	13				Sweetwater-Ahilene	KTXS-TV	12
Kearney-Holdrege	KHLO-TV	13		KMOT	10				Temple-Waco	KXCN-TV	7
Lexington	KLNE-TV	3	Pembina	KXMC-TV	13	RHODE ISLAND			Tyler-Longview	KLTV	7
Lincoln	KOLN-TV	10	Valley City	KXJB-TV	4	Providence	WJAR-TV	10	Waco	KWTX-TV	10
	KUON-TV	12	Williston	KUMV-TV	8		WPRI-TV	12	Weslaco	KRGV-TV	5
McCook	KOBC	8	OHIO				WWSB	36	Wichita Falls	KFDX-TV	3
No. Platte	KNOP-TV	2	Akron	WAKR-TV	49	Providence- New Bedford	WTEV	6		KAUZ-TV	6
	KPNE-TV	9	Ashtabula	WICA-TV	15	SOUTH CAROLINA			Logan	KUSU-TV	12
Omaha	KMTV	6	Athens	WQUB-TV	20	Anderson	WAIM-TV	40	Ogden	KOET	9
	KETV	7	Bowling Green	WJAN	20	Charleston	WCIV	4		KWCS-TV	18
Scottsbluff-Gering	KSTF	10	Canton	WLWT	5		WCSC-TV	5	Prvo	KBYU-TV	11
Superior	KHTL-TV	4	Cincinnati	WCPO-TV	9		WISN-TV	7	Salt Lake City	KUTV	2
NEVADA				WKRC-TV	12	Columbia	WNOK-TV	19		KCPX-TV	4
Las Vegas	KORK-TV	2		WQET	48		WOLO-TV	25		KSL-TV	5
	KLAS-TV	3	Cleveland	WSCO-TV	19		WRLK-TV	35		KUED	7
	KSHO-TV	13		WKYC-TV	3	Florence	WBTJ	13	VERMONT		
Reno	KCRL	4		WJW-TV	8	Greenville	WJPM-TV	33	Burlington	WCAX-TV	3
	KOLO-TV	8	Columbus	WLWC	4		WFCE-TV	4			
	KTVN	2		WTVN-TV	6	Spauldingburg	WSPA-TV	7	VIRGINIA		
NEW HAMPSHIRE			Dayton	WVNS-TV	4				Bristol	WCYB-TV	2
Durham	WENH	11		WOSU-TV	34				Hampton-Norfolk	WVEC-TV	13
Lebanon	WRLH	39		WLD	2					WHRD-TV	15
Manchester	WMUR-TV	9		WHIO-TV	22	Aberdeen	KXAB-TV	9	Harrisonburg	WSA-TV	3
				WKFE	22	Deadwood-Lead	KDSJ-TV	5	Lynchburg-Roanoke	WLVA-TV	13

WHITE'S RADIO LOG

Location	C.L.	Chan.
Norfolk	WTAR-TV	3
Petersburg		
Richmond	WXEX-TV	8
Portsmouth	#WYAH-TV	27
Portsmouth-Norfolk	WAVY-TV	10
Richmond	WTVR-TV	6
	WRVA-TV	12
	WPCV-TV	23
	1WCVW	57
Roanoke	1WBRA-TV	15
	WDBJ-TV	7
	WLSL-TV	10
	WRFT-TV	27
WASHINGTON		
Bellingham	KVOS-TV	12

Location	C.L.	Chan.
Pasco	KEPR-TV	19
Pullman	1KWSC-TV	10
Richland	KNDU	25
Seattle	KOMO-TV	4
	KING-TV	5
	KIRO-TV	7
	1KCTS-TV	9
Spokane	KREM-TV	2
	KXLY-TV	4
	KHQ-TV	6
	1KSPS-TV	7
Tacoma-Seattle	KTNT-TV	11
Tacoma	KTVH	13
	1KPEC-TV	56
	1KTPS	62
Yakima	KNDU	23
	KIMA-TV	29
	1KYVE-TV	47

WEST VIRGINIA

Bluefield	WHIS-TV	6
Charleston	WCHS-TV	8
Clarksburg	WBOY-TV	12
Huntington		
Charleston	WSAZ-TV	3
	WHTN-TV	13

Location	C.L.	Chan.
Oak Hill	WOAY-TV	4
Parkersburg		
Marietta, O.	WTAP-TV	15
Weston	WDTV	5
Wheeling		
Steubenville, O	WTRF-TV	7
WISCONSIN		
Eau Claire	WEAU-TV	13
Green Bay	WBAY-TV	2
	WFRV-TV	7
	WLUK-TV	11
LaCrosse	WKBT	8
Madison	WISN-TV	3
	WMTV	15
	WKOW-TV	27
	1WHA-TV	21
	WTMJ-TV	4
	WITI-TV	6
	WISN-TV	12
	WVTV	18
	1WVMS	10
	1WMTV	36
Milwaukee	WAOE-TV	12
Rhineland	WSAU-TV	7
Wausau	WAOV-TV	9

Location	C.L.	Chan.
WYOMING		
Casper	KTWO-TV	2
Cheyenne	KFBC-TV	5
Riverton	KWRB-TV	18
GUAM		
Agana	KUAM-TV	8
PUERTO RICO		
Aquidilla	WOLE-TV	12
Caguas	WKBM-TV	11
Mayaguez	WORA-TV	5
	1WIPM-TV	3
	WRIK-TV	7
	WSUR-TV	9
	*WPSJ	14
San Juan	WKAQ-TV	2
	WAPA-TV	4
	1WIPR-TV	6
	WITA	30
	WTSJ	18
	WITA-TV	30
VIRGIN ISLANDS		
Charlotte Amalie	WBNB-TV	10
Christiansted	WSVI	8

Canadian Television Stations by Cities

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

Location	C.L.	Chan.	Location	C.L.	Chan.	Location	C.L.	Chan.
Adams Hill, B.C.	CFCR-TV	8	Courtenay, B.C.	CBUT-I	9	London, Ont.	CFPL-TV	10
Ahticans, Sask.	CKBI-TV	1	Colgate, Saskatchewan			Lookout Ridge, Near		
Amherst, N.S.	CJCH-TV	3		CKCK-TV	12	Chilliwack, B.C.	CBUT-2	3
Antigonish, N.S.	CJCB-TV	2	Granbrook, B.C.	CBUST	10	Mabel Lake, B.C.	CHPP-TV	1
Argentina, Nfld.	CJDX-TV	3	Crescent Valley, B.C.			Magdalen Islands, Que.	CFBCT-1	12
Ashcroft, B.C.	CFCR-TV	2	Dawson Creek, B.C.	CHMS-TV	5	Malakwa, B.C.	CFFI-TV	5
Ashmont, Alta.	CFRN-TV	4	Deer Lake, Nfld.	CBYAT	12	Malartic, Que.	CFCL-TV	5
Athabasca, Alta.	CBXT-1	7	Drumheller, Alta.	CFCN-TV	12	Marystown, Que.	CKHQ-TV	1
Atikokan, Ont.	CBWCT-1	3	Drumheller, Alta.	CHCT-TV	1	Marquis, Sask.	CKMJ-TV	7
Avola, B.C.	CFCR-TV	13	Dryden, Ontario	CBWAT-I	9	Marystown, Nfld.	CBNT-3	5
Baldy Mountain, Man.			Eastend, Sask.	CJFB-TV	2	Matagami, Que.	CKRN-TV	4
Baie St. Paul, Que.	CKSS-TV	8	Edmonton, Alta.	CFRN-TV	3	Matane, Que.	CKBL-TV	9
Bancroft, Ont.	CKRT-TV	1	Edmonton, Alta.	CFRN-TV	3	Meadow Lake, Sask.	CKSA-TV	12
Banff, Alta.	CKRD-TV	2	Edmundston, N.B.	CJBR-TV	13	Medicine Hat, Alta.	CHAT-TV	6
	CKFD-TV	10	Elliot Lake, Ont.	CKSO-TV	1	Melita, Mau.	CKX-TV	2
	CFGN-TV	2	Enderby, B.C.	CFEN-TV	1	Merritt, B.C.	CFCR-TV	3
	CHCT-TV	2	Enderby, B.C.	CHBC-TV	5	Mica Creek Village, B.C.		
Barrie, Ont.	CKVR-TV	3	Falkland, B.C.	CFWS-TV	1	Mica Creek Village, B.C.	CFZQ-TV	2
Bayview, N.S.	CJCH-TV	2	Fisher Branch, Man.	CBWT-I	10	Midway, B.C.	CKMY-TV	1
Big River, Sask.	CKBI-TV	5	Flin Flon, Man.	CBWBT	10	Minden, Ont.	CHCX-TV	2
Bon Accord, N.B.	CHSJ-TV	1	Fort Francis, Ont.	CBWOT	5	Moncton, N.B.	CBFT-1	11
Bonavista, Nfld.	CJSA-TV	2	Fort Fraser, B.C.	CKPG-TV	3	Moncton, N.B.	CBFT-1	11
Bonnyville, Alta.	CKON-TV	10	Fortwayne, Man.	CKX-TV	11	Moncton, N.B.	CKCW-TV	2
Boss Mountain, B.C.			Gaspe, Que.	CHAU-TV	6	Mont Blanc Perce, Que.	CFGW-TV	2
	CFCR-TV	16	Gaspe West, Que. (Bechevaise Mountain)	CFGW-TV	1	Mont Climont, Que.	CFGW-TV	2
Boston Bar, B.C.	CFCR-TV	9	Goose Bay, Nfld.	CFLA-TV	8	Mont Georges, Que.	CKBL-TV	11
Bowen Island, B.C.	CBUT-4	13	Grand Bank, Nfld.	CJDX-TV	10	Mont-Laurier, Que.	CKHQ-TV	5
			Grand Falls, Nfld.	CJCN-TV	4	Mont-Louis, Que.	CKBL-TV	4
Bralorne, B.C.	CFCR-TV	15	Grande Prairie, Alta.	CBXAT	10	Mont-Tremblant, Que.	CBFT-1	11
Brandon, Man.	CKX-TV	5	Grande Vallee	CKBL-TV	3	Montreal, Que.	CBFT	2
Brooks, Alta.	CFCN-TV	3	Greenwater Lake, Sask.	CKBI-TV	3	Montreal, Que.	CBMT	6
Bullhead Mt., B.C.	CJDC-TV	2	Haliburton, Ont.	CKVR-TV	3	Montreal, Que.	CFCF-TV	12
Burns Lake, B.C.	CFCK-TV	3	Halifax, N.S.	CBHT	3	Montreal, Que.	CFMT-TV	10
Burnaby, B.C.	CHAN-TV	2	Halifax, N.S.	CJCH-TV	5	Moose Jaw, Sask.	CHAB-TV	4
Burns Lake, B.C.	CFCK-TV	3	Hamilton, Ont.	CHCH-TV	11	Mount Timothy, B.C.		
Cabano, P.Q.	CKRT-TV	4	Hearst, Ont.	CFBFT-2	7	Moyle, B.C.	CFCR-TV	6
Calgary, Alta.	CFCN-TV	4	High Prairie, Alta.	CBXAT-2	2	Mt. Parizeau, B.C.	CKVS-TV	5
Calgary, Alta.	CHCT-TV	2	Hixon, B.C.	CKPG-TV	1	Mt. Parizeau, B.C.	CFTK-TV	8
Callander, Ont.	CFCH-TV	10	Houston, B.C.	CFTK-TV	10	Mt. Poole (near Queen Charlotte), B.C.	CHQC-TV	1
Campbellton, N.B.	CKCD-TV	7	Hudson Hope, B.C.			Murdochville, Que.	CKBL-TV	2
Camp Moss, B.C.	CFNV-TV	1		CJDC-TV	11	Nakusp, B.C.	CJNP-TV	2
Canning, N.S.	CJCH-TV	1	Huntsville, Ont.	CKVR-TV	2	Nass Camp (Near Lava Lake) B.C.	CFTK-TV	6
Canoe, B.C.	CHBC-TV	8	Invermere, B.C.	CFWL-TV	6	Nelson, B.C.	CBUAT-I	9
Canoe Mountain, Near			Inverness, N.S.	CJCB-TV	1	Newcastle, N.B.	CKAM-TV	1
Valemont, B.C.	CFCR-TV	14	Jouquiére, Que.	CKRS-TV	12	Newcastle Ridge, B.C.	CFKB-TV	1
Carleton, Que.	CHAU-TV	5	Jubilee Mountain, B.C.			New Glasgow, N.S.	CFY-TV	1
Carlyle Lake, Sask.	CFSS-TV	7	Juskatla, B.C.	CFTK-TV	2	Ninkish, B.C.	CFNV-TV	2
Castlegar, B.C.	CBUAT-2	3	Kamloops, B.C.	CFGR-TV	4	Nipawin, Sask.	CKBI-TV	4
Causapescal, Que.	CKBL-TV	5	Kapuskasing, Ont.	CBFOT-1	12	North Battleford, Sask.	CKBI-TV	2
Cawston, B.C.	CHCK-TV	3	Kapuskasing, Ont.	CFCL-TV	2	Ocean Falls, B.C.	CFTK-TV	2
Celista, B.C.	CHBC-TV	6	Kearns, Ont.	CFGL-TV	2	Olafsa	CHCK-TV	2
Chandler, Que.	CHAU-TV	4	Kemano, B.C.	CFTK-TV	2	Oliver, B.C.	CHBC-TV	3
Chapleau, Ont.	CFCL-TV	6	Kelowna, B.C.	CHBC-TV	2	Ottawa, Ont.	CBFT	9
Charlottetown, P.E.I.			Kenora, Ont.	CBWAT	8		CBOT	4
	CFCY-TV	13	Keremeos, B.C.	CHCK-TV	1	Outardes, Que.	CJCH-TV	13
Cherryville, B.C.	CJWR-TV	1	Kildala, B.C.	CFTK-TV	4		CKHQ-TV	2
Chicoutimi, P.Q.	CJPM-TV	11	Kingston, Ont.	CKWS-TV	11	Parry Sound, Ont.	CEVR-TV	11
Chilliwack, B.C.	CHAN-TV	1	Kitchener, Ont.	CKGL-TV	13			
Chiticamp, N.S.	CBCT	10	Kokish, B.C.	CFKB-TV	2			
Chicoutimi, Que.	CKRS-TV	2	Lahador City, Nfld.	CJCL-TV	13			
Churchill, Man.	CHCH-TV	4	L'Anse a Valleau, Que.	CHAU-TV	3			
Clearwater, B.C.	CFCR-TV	10	Lethbridge, Alta.	CJLH-TV	7			
Clinton, B.C.	CFCR-TV	4	Lillooet, B.C.	CFGR-TV	11			
Cloridorme, Que.	CHAU-TV	8	Liverpool, N.S.	CBHT-1	12			
Coleman, Alta.	CJLH-TV	12	Lloydminster, Alta.	CKSA-TV	2			
Corner Brook, Nfld.	CBY5							
Corner Brook, Nfld.								
Cornwall, Ont.	CJNS-TV	10						
Coronation, Alta.	CKRD-TV	8						

Location	C.L. Chan.	Location	C.L. Chan.	Location	C.L. Chan.	Location	C.L. Chan.
Sudbury, Ont.	CBFST-1 13	Trail, B.C.	GFTO-TV 9	Waterton Park, Alta.	CJWP-TV-1 12	Winnipeg, Man.	CBWFT 5
Swift Current, Sask.	CKSO-TV 5	Trois-Rivières, Que.	CBUAT 11	Westwood, B.C.	CFWS-TV-2 12		CBWT 6
Sydney, N.S.	CJCB-TV 5	Upsalquitch Lake, N.B.	CKTM-TV 13	Whitecourt, Alta.	CBXT-2 9	Wynyard, Sask.	CJAY-TV 7
Temiscaming, Que.	CBFST-2 12	Val D'Or, Que.	CKAM-TV 12	Williams Lake, B.C.	CFRN-TV-3 12	Yellowknife, N.W.T.	CKOS-TV 3
Terrace, B.C.	CJTK-TV-1 3	Val Marie, Sask.	CKRN-TV-2 8	Willow Bunch, Sask.	CFCR-TV-5 8	Yorkton, Sask.	CFYK-TV 8
The Pas, Man.	CFTK-TV 3	Vancouver, B.C.	CJFB-TV-2 2			Yarmouth, N.S.	CKOS-TV 3
Timmins, Ont.	CBWBT-1 7	Vernon, B.C.	CBUT 2	Windsor, Ont.	CKCK-TV-2 6	Yuill Mountain, Balfour, B.C.	CBHT-3 11
	CFCL-TV 6	Victoria, B.C.	CHBC-TV-2 7	Wingham, Ont.	CKLW-TV 9		
	CBFOT 9	Ville Marie, Que.	CHEK-TV 6		CKNX-TV 8		
Toronto, Ont.	CBLT 6		CKRN-TV-3 6				

World-Wide Shortwave Stations

Once again we take off on our big DX contest—the one without the prizes—but also the one that separates the novices from the know-it-alls. Take a whack at these and see how you do:

1. Hooray! Several DX'ers have reported hearing the Voice of the U.N. Command at Deragawa, Okinawa—long an elusive exclusive DX catch. Look for it on 9845 kHz around 1130 GMT.

2. How about a rather hard-to-hear country: Spanish Sahara? They're on the standard broadcast band just to make things more difficult, but they're running a shiny new 50,000-watt rig to help you along. Schedule is 0900 to 1300 and 2000 to 2400 GMT.

3. How many ship stations can you log in a 30-minute period on 2738 kHz? That's an intership channel.

4. New country? Try on Biafra, a break-away state in Western Africa—might be a short-lived one too. As of this writing, they're on the air as the Voice of Biafra from Enugu. Watch for them on 4855 kHz (also 4775 kHz) at 1830 to 2230 GMT.

5. You'll adore Andorra if you hear their

shortwave transmitter on 6065 kHz and 6190 to 6200 kHz. Would you believe 1300 to 1600 GMT?

Now for the scoring, each item (except number 3) earns you 20 points. For number 3, score 1 point for each station logged.

If you score 20 you're in sad shape, 40—you show promise, 60—means you're on the ball, 80—*fantastique!* 100—we don't believe you!

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kHz	Call	Name	Location	GMT
90-Meter Band—3200-3400 kHz				
3230	VRH8	Fiji I. BC	Suva, Fiji Is.	0400
3990	—	V. America	Monrovia, Liberia	0700
3995	VQO4	—	Solomon Is.	1010
60-Meter Band—4750-5060 kHz				
4870	—	R. du Dahomey	Cotonou, Dahomey	0530
4872	TGQH	R. Santa Cruz	Santa Cruz, Guat.	0135
4890	—	R. Senegal	Dakar, Senegal	0610
	VLK4	Australian BC	Port Moresby, Papua	0905
4915	—	R. Ghana	Accra, Ghana	0550
4923	HCQRI	R. Quito	Quito, Ecuador	2230
4940	—	R. Abidjan	Abidjan, Ivory Coast	0600
4955	HJCO	R. Nacional	Bogota, Colombia	0030
4965	HJAF	R. Santa Fe	Bogota, Colombia	0515
5025	—	V. Amazona	Manaus, Brazil	0345
5030	YVKM	R. Continente	Caracas, Venez.	0710
49-Meter Band—5950-6200 kHz				
5970	—	R. Canada	Montreal, P.Q.	0900
5985	—	R. Portugal	Lisbon, Port.	0310

kHz	Call	Name	Location	GMT
5990	TGJA	R. Nuevo Mundo	Guatemala City, Guat.	0045
6000	PRK5	R. Inconfidencia	Belo Horizonte	0015
6005	CFCX	—	Montreal, P.Q.	2000
6010	YSS	R. Nacional	San Salvador, El Sal.	0505
6035	—	R. Globo	Rio de Janeiro	2345
6040	HJCB	V. del Tolima	Ibaque, Colombia	0350
6065	PRL8	R. Nacional	Rio de Janeiro, Braz.	0625
6070	CFRX	—	Toronto, Ont.	0920
6075	—	R. RSA	Johannesburg, S. Africa	0500
6082	OAX6Z	R. Nacional	Lima, Peru	0300
6085	ZYK2	R. Jornal	Recife, Brazil	2340
6090	HISD	R-TV Dominicana	Santo Domingo, D.R.	1045
	VL16	Australian BC	Sydney, Austral.	1025
	DMQ6	Deutsche Welle	Cologne, W. Germany	0005
6120	—	Swiss BC	Berne, Switz.	0545
6130	CHNX	—	Halifax, N.S.	0900
6135	—	R. Habana	Havana, Cuba	0415
6150	VLR6	R. Australia	Melbourne, Austral.	1035
6180	—	BBC	London, England	0400
6215	TIH8G	R. Reloj	San Jose, C.R.	0130
6257	—	R. Centinela	Lofa, Ecuador	0235

kHz	Call	Name	Location	GMT
41-Meter Band—7100-7300 kHz				
7105	—	R. Free Europe	Munich, Germany	0400
7120	—	BBC	Tebrau, Singapore	1130
7130	—	V. Free China	Taipei, Formosa	1113
7135	—	R. Monte Carlo	Monte Carlo, Monaco	0500
7150	—	R. Moscow	Moscow, USSR	0200
7185	—	R. RSA	Johannesburg, S. Afr.	0515
7190	—	R. Australia	Melbourne, Austral.	0340
7210	—	R. Senegal	Dakar, Senegal	0700
7225	—	R-TV Marocaine	Rabat, Morocco	0600
7265	—	R. Tirana	Tirana, Albania	2005
7270	—	R. RSA	Johannesburg, S. Afr.	0500
9360	—	R. Nacional	Madrid, Spain	2320
9491	OAX6H	R. Tacna	Lima, Peru	0250

31-Meter Band—9500-9775 kHz

9500	CE950	R. Corporacion	Santiago, Chile	0345
9505	—	NHK	Tokyo, Japan	0900
—	PRB22	R. Record	Sao Paulo, Brazil	0935
9510	YXJ	R. Barquisimeto	Barquisimeto, Braz.	1120
9515	XEWW	V. America Latina	Mexico City, Mex.	0115
9520	ZL18	V. New Zealand	Wellington, N.Z.	0730
—	—	V. America	Tangier, Morocco	2235
9525	—	R. RSA	Johannesburg, S. Afr.	2135
9530	VUD	All India R.	Delhi, India	2330
9535	—	Swiss BC	Berne, Switz.	2310
9540	ZL2	R. New Zealand	Wellington, N.Z.	1115
9580	—	R. Australia	Melbourne, Austral.	1000
9590	—	R. Nederland	Bonaire, Neth. Ant.	0200
9595	JOZ3	Nihon BC	Tokyo, Japan	1045
9600	CE960	R. Presidente	Santiago, Chile	2320
9605	DMQ9	Deutsche Welle	Cologne, W. Germ.	0250
9610	VLX9	Australian BC	Perth, Austral.	1120
9615	VUD	All India R.	Delhi, India	1130
—	—	V. America	Tangier, Morocco	0530
9625	—	BBC	London, England	0545
—	4XB51	Kol Yisrael	Tel Aviv, Israel	2020
9640	—	V. Free Korea	Seoul, S. Korea	1035
9645	HCJB	V. of Andes	Quito, Ecuador	0835
9655	—	R. Habana	Havana, Cuba	0630
9660	—	Australian BC	Brisbane, Austral.	0720
9665	HEU3	Swiss BC	Berne, Switz.	2015
9667	—	R. Colombo	Colombo, Ceylon	1240
9675	—	R. Habana	Havana, Cuba	0630
—	—	R. Japan	Tokyo, Japan	1020
9680	—	R. Nacional	Lisbon, Portugal	0305
9685	ZYR227	R. Gazeta	Sao Paulo, Braz.	2340
9690	LRA32	RAE	Buenos Aires, Arg.	0605
9695	—	Swiss BC	Berne, Switz.	0510
9700	—	R. Sofia	Sofia, Bulgaria	2330
9705	—	R. RSA	Johannesburg, S. Afr.	1010
9710	—	RAI	Rome, Italy	2030
9715	—	R. Tirana	Tirana, Albania	2000
9725	—	Kol Yisrael	Tel Aviv, Israel	2115
9730	—	R. Berlin Int'l	Berlin, E. Germ.	0230
9735	DMQ9	Deutsche Welle	Cologne, W. Germ.	0515
9755	—	R-TV Francaise	Paris, France	0000
9760	—	R. Ghana	Accra, Ghana	2030
—	—	R. Nacional Espana	Madrid, Spain	0305
9770	—	Viennese R.	Vienna, Austria	2300
9833	—	R. Budapest	Budapest, Hungary	0340
9865	YDF6	RII	Djakarta, Indonesia	1100
9883	—	R. Peking	Peking, China	0345
9915	VUD	All India R.	Delhi, India	2145
9920	—	R. Peking	Peking, China	2225
11672	—	R. Pakistan	Karachi, Pakistan	2015
11705	—	R. Vatican	Vatican City	1930
—	—	R. Sweden	Stockholm, Sweden	0400
11710	—	R. Moscow	Moscow, USSR	0400
11715	PJB	PJB	Bonaire, Neth. Antilles	0410
11720	—	R. Canada	Montreal, Que.	2200
11725	—	R. Brazzaville	Brazzaville, Congo	0515
11730	—	R. Nederland	Hilversum, Netherlands	0645
—	—	R. Moscow	Moscow, USSR	0330
11740	CEI174	R. Nuevo Mundo	Santiago, Chile	1110

kHz	Call	Name	Location	GMT
25-Meter Band—11750-11975 kHz				
11750	—	R. Kiev	Kiev, USSR	0410
11760	—	Vatican R.	Vatican City	0110
11775	—	Swiss BC	Berne, Switz.	0715
11780	—	R. Japan	Tokyo, Japan	1130
11785	—	Radio Berlin Int'l	Berlin, E. Germ.	2200
11795	—	R. Nacional	Rio de Janeiro, Braz.	0000
11800	—	R. Nacional Espana	Tenerife, Canary I.	2230
11805	—	R. Sweden	Stockholm, Sweden	0200
11810	—	R. Australia	Melbourne, Australia	0950
11815	—	NHK	Tokyo, Japan	1000
11820	PJB	PJB	Bonaire, Neth. Antilles	1105
11855	—	Far East BC	Manila, Philippines	0935
11860	—	R. Accra	Accra, Ghana	2020
—	—	BBC	London, England	0630
11875	—	R. Berlin Int'l	Berlin, E. Germ.	1045
11895	—	R. Senegal	Dakar, Senegal	2330
11900	—	R. RSA	Johannesburg, S. Afr.	2100
11910	HSK9	R. Thailand	Bangkok, Thailand	1115
—	HCJB	V. of Andes	Quito, Ecuador	0230
11940	—	R. Bucharest	Bucharest, Rumania	0150
11945	—	R. Canada	Montreal, Que.	2300
11950	ELWA	R. Village	Monrovia, Liberia	0710
11970	—	R. Tunis	Tunis, Tunisia	0145
11990	—	R. Prague	Prague, Czech.	0000
12095	—	BBC	London, England	0300
15030	—	R. Peking	Peking, China	1255
15050	—	R. Liberdad	(clandestine)	0005
15056	—	R. Euzkadi	(clandestine)	1530
15060	—	R. Peking	Peking, China	0000

19-Meter Band—15100-15450 kHz

15110	ZL21	R. New Zealand	Wellington, N.Z.	0540
15115	HCJB	V. of Andes	Quito, Ecuador	0300
15125	—	R. Nacional	Lisbon, Portugal	2335
15135	—	Trans World R.	Bonaire, Neth. Antilles	1300
15140	—	R. Moscow	Moscow, USSR	1115
15155	ZYB9	R. de Sao Paulo	Sao Paulo, Brazil	2100
15160	—	R. TV Francaise	Paris, France	1600
15165	—	V. Denmark	Copenhagen, Denmark	1245
15175	—	R. Norway	Oslo, Norway	2300
15180	—	R. Moscow	Moscow, USSR	0610
15185	—	R. Habana	Havana, Cuba	1000
—	OIX4	R. Finland	Helsinki, Finland	1645
15200	—	R. Moscow	Moscow, USSR	1600
15215	—	R. Free Europe	Munich, W. Germ.	2200
15225	—	R. Bucharest	Bucharest, Rumania	0230
15230	—	R. Habana	Havana, Cuba	0335
15240	—	R. Sweden	Stockholm, Sweden	1905
15285	—	R. Ghana	Accra, Ghana	1830
15315	ETLF	R. Voice of Gospel	Addis Ababa, Ethiopia	1340
15320	—	R. Moscow	Moscow, USSR	2035
15325	HCJB	V. Andes	Quito, Ecuador	2000
15350	—	R. Berlin Int'l	Berlin, E. Germ.	2250
15380	—	R. Nac. Espana	Tenerife, Canary Is.	2015
15440	WNYW	R. N.Y. Worldwide	New York, N.Y.	1735
17680	—	R. Peking	Peking, China	0125

16-Meter Band—17700-17900 kHz

17720	BED37	V. Free China	Taipei, Formosa	0245
17740	—	R. Moscow	Moscow, USSR	2030
17765	—	Deutsche Welle	Kigali, Rwanda	1745
17770	—	R. Liberty	Munich, W. Germ.	0400
17775	—	R. Nederland	Hilversum, Neth.	2310

13-Meter Band—21450-21750 kHz

21485	—	R. Vatican	Vatican City	1050
21535	—	Springbrook R.	Johannesburg, S. Afr.	1400
21545	—	R. Ghana	Accra, Ghana	1500
21630	—	BBC	London, England	1630
21710	—	BBC	London, England	2100
21735	—	R. Prague	Prague, Czech.	1500
25650	—	BBC	London, England	1610

Peanut-Whistle Hams

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really know how to use their present short-wave receivers to best advantage? "Perhaps 1 in 500," declares Katz.

Trade Secrets. Skilled operators are indeed few and far between. Unlike the receiving and antenna sub-categories, there is no loyal following nor guidelines which a new flea-power enthusiast can look to for direction. No leader exists who will acknowledge that he is any more than an "average" operator, and few reports have ever been published which reveal the secret techniques those sacred few employ to achieve 12,000-mile DX contacts with about \$45 worth of equipment. Two things are clear, however. Nearly all record-breaking QRP contacts have been scheduled well ahead of time, and most seem to have taken place in the wee hours of the morning. But aside from this, the boys just arn't talking.

Closer examination, however, reveals that the tricks the truly skilled use are nothing more than exemplifications of the Ultimate Receiver and Kraus theories: (1) The more gain and efficiency you have in your antenna, the less power you need to make contact; (2) the more "trained" your ear is the better your chances of interpreting what an average ham would call an "unreadable signal." Add to this the fact that nearly 85 percent of the hard-core QRPers use code transmissions (CW) for DX work, and you begin to see the light.

The fact that power limitations overseas are far more stringent than in the U.S. may help explain why peanut-whistles tend to be the *in* Hgs abroad. Particularly in the U.S.S.R., Germany, and Australia, transistorized transmitters are the vogue and QRPers talk not in terms of watts, but milliwatts.

In the U.S. and Canada, enthusiasts generally build transmitters that are simpler in design. Yet they conduct themselves in the same manner on the air. Once a contact has been established—regardless of the distance involved—power is cranked down to the barest minimum and then measured. This provides for follow-up QSL cards that read: "Transmitter— $\frac{1}{4}$ th watt input to an RCA 2N247."

Three Thousand Strong. For Novices

(who under the recently-adopted Incentive Licensing Regulations now get a 2-year license term) probably one of the most gung-ho organizations to join is the QRP Amateur Radio Club-International. This is a group of some 3000 amateurs scattered throughout the world who are dedicated to low-power operation as their contribution toward relieving the tremendous QRM and congestion now running rampant on all popular ham frequencies. With the built-in 75-watt restriction on Novices, the QRP Amateur Radio Club is practically tailor-made for these newcomers (though it by no means is restricted to Novice operators alone). Qualifications: You must run under 100 watts input (200 watts p.e.p on sideband) to be eligible. Hitch: If you're ever caught manning a transmitter which exceeds this limitation, you're drummed out permanently.

With supporters the world over, the QRP A.R.C. sponsors contests for its members, presents awards for best performances with the least power, and publishes a quarterly newsletter chock full of interesting accounts of organizational news and individual case histories. Cost for lifetime membership is only \$2.00, easily within reach of the average low-power enthusiast. Send your fee along with a request for membership to QRP A.R.C. secretary John E. Huetter, K8DZR, 2146 Chesterland Ave., Lakewood, Ohio 44107.

What can you expect if you join the flea-power community? Heterodynes, swishing VFOs, pileups, clobbering, and plenty of QRM—to say nothing of a gradually increasing feeling of insecurity and inferiority. If you're willing to weather the disadvantages, however, you may be as lucky as New Zealand's Les Earnshaw, ZL1AAX, who managed a fine QSO with Kentucky running only 20 milliwatts input! Or maybe W6TNS who received his Worked All Continents award back in 1959 using only 80 milliwatts with a homebrew transmitter designed for Novice band operation. Or maybe even the author, who managed 40 states (confirmed through QSLs) simultaneously on both 80 meters (with 3 watts) and 6 meters (with 5 watts).

But if you become a true dyed-in-the-wool QRPer, look out. Just exceed 100 watts once, and you'll have all of hamdom's low-power addicts to contend with—to say nothing of a formal QRP International drumming-out ceremony! ■

Hot Line To Weatherman

Continued from page 99

no squelch, it works remarkably well. It makes use of the AM receiver and a crystal controlled convertor to receive VHF, and employs the slope detection method to demodulate the FM signal.

Convertors. There are numerous manufacturers that offer VHF convertors that are used in conjunction with AM receivers. The receiver can be either an auto radio, home BCB radio, shortwave receiver, BCB transistor portable, etc. This type convertor has to be wired into the receiver and instructions outlining how to do it are supplied.

Some types, such as the Metrotek "Listen-in" portable convertor, doesn't have to be wired into the receiver. Just place it alongside.

Ameco offers a selection of models which can be used for various receivers. One of the Ameco convertors can be connected to an AM marine radiotelephone and used to receive weather broadcasts by setting the radiotelephone on an unused channel. Of the types available are a selection utilizing tubes or transistors. Some are tunable through several bands.

VHF Marine Radio. If you have VHF/FM marine radiotelephone, it is easy to provide for reception of weather broadcasts. Just install a 162.55-MHz crystal in an unused marine channel setting and that is all it takes. If you have a VHF/FM marine band walkie-talkie, you can do the same thing, that is, if you have an unused channel available.

Used Equipment. A two-way VHF/FM mobile radio will operate beautifully as a weather broadcast receiver. These units can be picked up from two-way radio equipment dealers who take them in on trade when new units are sold.

Much of this equipment is obsolete wide band FM that cannot be used commercially, so can be gotten cheaply. Realize that you won't use the transmitter portion, so install a crystal in the receiver section for 162.55 MHz and you have an excellent weather receiver. Removing the tubes from the transmitter section will cut down considerably on power drain. You should be able to get one for about \$75.

There are also lots of obsolete wideband VHF/FM walkie-talkies around that can be

equipped with a crystal for 162.55 MHz and then used as a portable weather receiver.

Construction. You might try your hand at constructing a receiver to get the weather broadcasts. A very sensitive and easily made receiver is the superregenerative type. These receivers work well at 162.55 MHz and are quite sensitive. They present few construction problems and a number of articles have been published on building them.

Reception. As is well known, the distance that you can receive VHF frequencies well depends to a great degree on the height of your antenna as well as the height of the antenna at the transmitter. Hills and valleys between the two antennas can cause dead spots, or poor reception. It is recommended that a good antenna, mounted high and in the clear, be installed. This will result in more consistently good reception.

A proper VHF antenna is needed for fixed, tunable and combination receivers as well as two-way mobile radios for best results when used as weather receivers. When close to the Weather Bureau station, an 18-in.-length of copper wire can be used as an antenna. It is positioned vertically and then connected to the receiver "ANT" terminal. In a car, an 18-in. whip can be installed in the center of the roof. As mentioned before, better results can be obtained when an external antenna is used, mounted as high (in the clear) as possible. The use of coaxial cable between the antenna and receiver is recommended.

Shipboard. On boats, where space is at a premium, the antenna can be one of several varieties. All of them are verticals or variations thereof and should be mounted as high as practical. Coaxial cable is required between the antenna and receiver.

Noise in the VHF band is usually much lower than in the AM broadcast and MF marine band. Also, a true FM receiver discriminates against noise impulses.

An FM receiver will give the clearest and most noise free reception. When a VHF convertor is used with an AM receiver, speech will not sound as clear because the detector is not as efficient as an FM demodulator, which uses a discriminator, ratio detector or gated beam circuit.

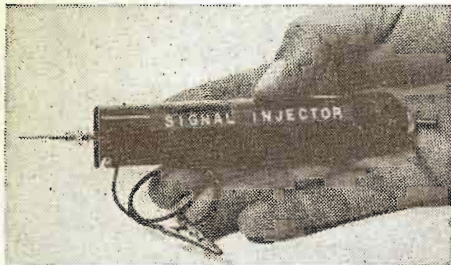
Whether you use a true FM receiver, or an AM receiver/VHF convertor combination, there are benefits derived from hearing up-to-date weather broadcasts from United States Weather Bureau stations, a government service for the public. ■

Mini-Jector

Continued from page 92

down when using Mini-jector, or a miniature toggle switch. Solder the connecting leads to the switch before installation. The wires should be long enough to allow the board to be removed for battery replacement.

After the switch is installed, position the board so it is just ready to enter the probe handle, then cut the leads from S1 to the exact length and solder. Since the leads must fold under the perf-board when the assembly is inserted in the tube, S1's con-



Completed Mini-jector is ready to go to work tracking down the culprit in just about any piece of electronic gear, from hi-fi tuners to public address systems.

necting leads should be #24 stranded hook-up wire or thinner.

The common test lead (ground) will be

connected to the common push-in terminal. On the front of the probe body, directly opposite the common push-in terminal, cut a slot with cutters; then solder about 6 in. of insulated stranded wire to the common terminal. Solder about 2 in. of #20 or #22 solid wire to the staked terminal (the output), slide the wire into the test prod tip, and mount the front of the test probe. Two screws hold the front assembly in place. Now Mini-jector is ready for use.

Using Mini-jector. As a general rule, the injector's ground lead must be connected to the equipment under test, even for RF signal injection. The injector's output has been deliberately limited to about 0.1 volt, so you need not be afraid to apply the injector's output to a transistor base—you won't damage the transistor.

Should you check Mini-jector's output with a scope, you will note that the signal at Q1's collector is essentially a square wave, while the output at Q2's collector is not square—it is more like a sawtooth. This is normal. The component values for Q2 have been selected for a sawtooth output, which has a higher harmonic content than a square wave.

The total battery current drain is approximately 0.25 to 0.5 mA, and the battery, under normal usage should rival shelf life. If you don't use the unit for a considerable length of time, remove the battery—to avoid damage in case the battery corrodes and leaks on the circuitry. ■

Lucky 13 for Bored DXers

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Frequency (kHz)	Call	Operator & Location
12890 x	VCS	Dept. of Transport Camperdown, N.S., Canada
12885	WMH	Radiomarine Corp. Baltimore, Md.
12885 x	SAG	Government Goteburg, Sweden
12883	NBA	U.S. Navy Balboa, Canal Zone
12878	JCU	Government Choshi, Japan
12875 x	NPG/NLK	U.S. Navy Vallejo, Calif.
12840	WPA	Radiomarine Corp. Pt. Arthur, Texas
12826.5	WNU	Tropical Radio Tel. Slidell, La.
12826.5	JCS	Government Tokyo, Japan
12825 x	FFP7	Government Fort-de-France, Martinique
12808	KPH	Radiomarine Corp. Bolinas, Calif.
12781.5	OST	Government Brussels, Belgium
12770 x	NDT	U.S. Navy Tokosuka, Japan
12768	PCH5	Government Scheveningen, Netherlands
12765 x	HJQ	Government Cartagena, Colombia
12763.5	DAM	Funkamt Hamburg Norddeich, W. Germany
12760 x	OXZ	Government Lyngby, Denmark
12750	PJK	Dutch Navy Suffisant, Curacao
12534		Ships at Sea *
12558		Ships at Sea *

Shortwave For Non-SWLS

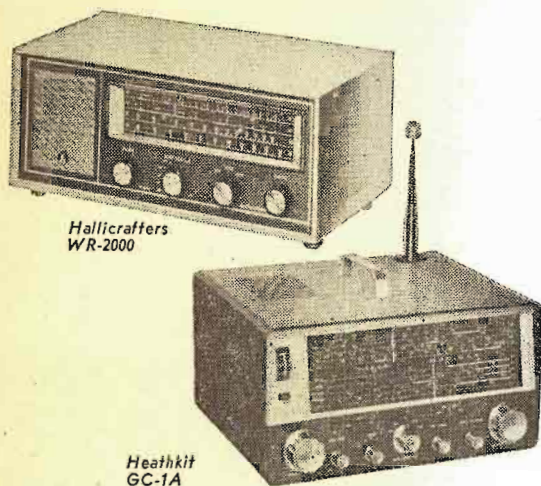
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teur news media will pick up the information and pass it around.

Overseas Hams. Some foreign amateurs tend to stay on one or two frequencies and have approximate hours and/or days of operation. Such information can be gleaned from examination of the NRRC's amateur section. Again, notes can be arranged by time.

One DXer prepares a 3x5 card on each amateur representing a new country, listing information mentioned above, then tacks the cards to a bulletin board. Thus, he can quickly refer to any item at a glance.

Another method of picking up informa-



Some special types of receivers can be used for SWLing. For example, above is a deluxe table model set featuring several SW bands; below is portable transistor all-band job.

Mood Monitoring

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fied and average responses were computed with a Mneumotron Computer. The computer is triggered by the output of the same waveform generator producing the clicks. Therefore, the brain potentials in response to the clicks are treated as signals by the computer. Other brain potentials, not in response to the computer stimuli, are treated as noise and effectively cancelled out.

Output is recorded on an X-Y plotter and on punched paper tape. The tape is then fed

tion is just by listening. American amateurs tend to concentrate in the low end of the phone band when calling foreign Hams and you can quickly spot band openings by listening for DX hounds calling "CQ DX."

Regardless of what set of frequencies you like to tune, your organization and preparation is the key to logging good DX. After you are familiar with the bands and can almost identify a station by its modulation characteristics and transmitting frequency, random tuning can yield good results.

By knowing the characteristics of the band or bands, and knowing the stations that are normally present, a stranger will stand out.

One of the keys to being a good SW DXer is keeping your equipment in good shape. Install the best antenna you can—a wire as high and as long as your space limitations permit. And arranging your listening post for convenience will make those dial-twiddling hours more fun and productive.

When making logs, put your notes in one book and, when full, file it away.

Happy SWLing. Shortwave listening can be an interesting hobby. You can be Johnny-on-the-spot rather than waiting for the six o'clock evening news on television. And, you can get first-hand experience at comparing political points of view.

The basics of joyful SWLing is to acquire some of the above-mentioned reference materials and at least one club bulletin, and then plan your listening. See how other listeners do it, use the best of their ideas, and compare notes. Ask questions and do some reading. You'll be surprised at the results of a little diligence and perseverance when you go back to those dials, and put your "ear to the world," as it were. ■

into a Honeywell H-800 computer for analysis.

This revolutionary three-year experiment proved to the Honeywell scientists that they could definitely monitor brain waves in response to defined stimuli. These patterns correlated very closely with conventional patterns of sleep and awareness, and were confirmed by the TV monitoring of the subject's behavior. As Honeywell scientist Donald I. Tepas summed up: "We can now effectively monitor human behavior."

He concludes that we will one day be able to tell whether or not a soldier on the battlefield is weary, a pilot in the air alert, an astronaut far out in space awake or asleep. ■

CB Moonshine

Continued from page 60

latch onto that legendary QSL. So, coming East and passing this close anyway, figured I might as well give it a good personal try.

Climbed slowly to the top of a ridge, and there just below and beyond was Seven Creek—three unpainted houses, general store, church and a one room school—just like I pictured it. I parked in front of the general store which doubled as a post office. A bunch of kids gathered round to stare at my '68 Buick. I took my keys out of the ignition, moved out the car and into post office past a blonde Daisy-May type in the doorway who was also admiring the Buick.

I walked kind of tall up to the old fellow behind the cash register. "Where can I find the Mountaineer?"

He looked me over a few seconds then gave out with a long hillbilly type laugh. "We're all mountaineers, boy."

"I mean the fellow that gets his mail under that name. The one that talks on the radio."

"Never heard of him."

There were a couple others seated in the far corner. They shook their heads in unison then all three decided to ignore me. But as I left, the gal in the doorway followed me to my car. "What do you want with the Mountaineer?"

Lying smoothly. "I'm interested in his CB compressor."

She got in the car without being asked. "You can get one of those by mail." She ran her hand along the upholstery.

"I'm in the wholesale business." Decided to meet con with con. "Thought maybe we could work out a deal." Once I got that QSL, yours truly would be long gone.

"You're one of them engineer fellows."

I nodded. It was the truth.

"Papa's been working on some refinements for his compressor." She considered it. "Maybe you could help him."

"He's your father?"

"That's right." She produced a packet of CB mail all addressed to the Mountaineer. "You start this thing and I'll direct you."

"Okay." We headed West, out of town and over another ridge. "What's your name?"

"Mary June, an' when you get to the next fork turn left." She began opening mail. Those letters containing money Mary June

put in her shirt pocket. Everything else she pitched out the window.

At that fork, the road turned to clay.

"Take it easy now, or you'll skid right off the road." Mary June scanned an FCC complaint. It went out the window, too!

I laughed. "What happens then?"

"We'll have to walk the next four miles."

"Nice day for a walk." Like I said, once I got the QSL Seven Creek and I would permanently part.

"Wouldn't bother me none. I do it every day. But don't figure you're in shape."

Decided I wasn't so we crawled along at 10 miles per hour.

Mary June put my rig on the air. "Mountaineer, this is daughter. I'll be there directly. I'm bringing somebody with me you'll want to meet."

He came back. "I'll be waiting, girl."

Mary June shut the CB off entirely and a funny feeling began around the back of my neck. Five minutes later the road came to a dead end in front of their cabin.

"Come on, papa'll be waiting inside." She moved on out of the car and up the path.

I took a long deep breath, followed. Just as soon as I was well clear of the car, Mountaineer stepped from behind a big pine tree with shotgun pointed squarely at my middle. He stood silent for a few seconds, looked me over. "Who is he, girl?"

"He's an engineer and he says he wants to help you sell your compressor." Mary June brought forth the batch of orders from her pocket.

"Don't need no selling help."

"But being an engineer he can help you with that technical problem." A gleam in her eye. "You know, the meter."

The old man grinned. "And besides, being kind of a pretty man, you'd like to keep him a while."

Mary June blushed. "Well, he *is* a man."

Mountaineer motioned toward the cabin and we all started walking that way. "Yeah, boy, maybe you can help me. You've seen how the S-meter on your rig tends to jump when I use the compressor?"

I nodded and Mary June opened the door for us.

"Well, that don't look so good?" He put himself down in a rocking chair. "And to keep Mary June happy, I figure you can just be my guest until you figure out a way to keep it from *jumping*."

So it seems I'll latch onto that rare QSL for sure, but how do I get home with it? ■

Dynamic Duo

Continued from page 77

operation range can be determined from the curves by using the following formula:

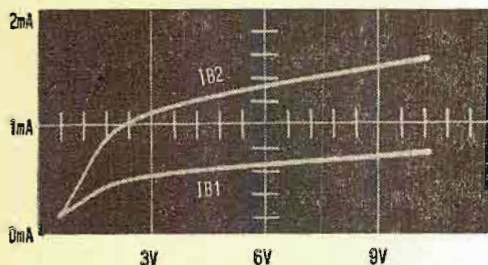
$$\text{Beta} = \frac{I_c}{I_b} \text{ or } \text{Beta} = \frac{\Delta I_c}{\Delta I_b}$$

$$\Delta I_c = I_{c2} - I_{c1} \text{ and } \Delta I_b = I_{b2} - I_{b1}$$

Following this formula and using the values given on the curves, we can determine beta and see if the transistor is operating within its linear range.

Beta for curve 1:

$$\frac{1mA}{.02mA} = 50$$



Typical curves that finished Dynamic Duo will display on your scope let you check vital transistor statistics.

Beta for curve 2:

$$\frac{2mA}{.04mA} = 50$$

If the two values of beta are equal or very close in value, the transistor in both curves is operating within its linear region. As a check, figure the beta using the delta currents.

$$\Delta I_c = 2mA - 1mA \text{ or } 1mA$$

$$\Delta I_b = 40\mu A - 20\mu A \text{ or } 20\mu A$$

$$\text{Beta} = \frac{1mA}{.02mA} \text{ or } 50$$

To match transistors for any applications, pick a desired transistor and connect it to the tracer. Adjust the curve tracer for the desired curves and grease-pencil the two curves on the scope's screen. Now, without disturbing the tracer or scope controls, connect similar transistors to the tracer until you find one that has approximately the same curves. ■

Tapeless TV Recorder

Continued from page 68

ing could then be made insensitive to the action of light. This may be what CBS says is a "sort of development process."

The basic characteristics of the photochromic dyes would fit the needs of EVR admirably, since they can provide images of extremely high resolution. (In actual fact, a square inch of film treated with such a dye can record the contents of a large book!) This is in keeping with CBS's claims that the EVR film can store much more information than can magnetic tape, and that the EVR system could be coupled with such devices as the firm's Linotron electronic typesetter.

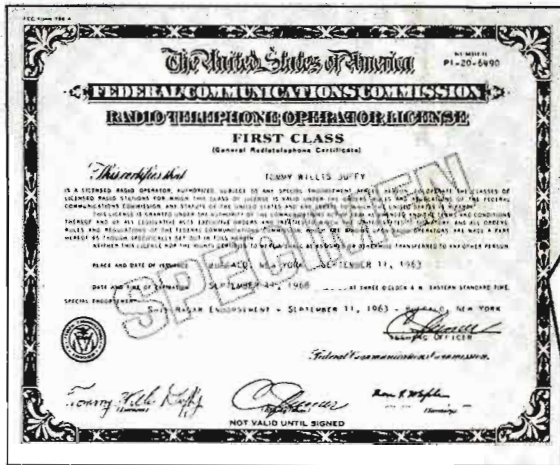
The idea that a photochromic process such as this, or something akin to it, underlies the EVR process gains credence when it is noted that one collaborating company is a major manufacturer of dyes. Ciba Ltd. (a Swiss manufacturer of dyes) and Imperial Chemical Industries (England) jointly own Ilford Ltd., a well-known manufacturer of photographic materials. All three are involved with CBS in the EVR project.

It is only a guess on our part that CBS might be using a photochromic process, and CBS isn't ready to either confirm or deny the idea at this time. But until CBS actually reveals the techniques used, this guess is as good as any other.

EVR Vs. VTR. Manufacturers of EVR equipment, and those making magnetic video tape recording (VTR) systems, will undoubtedly battle hard for future educational and home consumer markets. For video equipment customers this spells better equipment at lower prices.

As things stand now, EVR may have a significant price advantage over VTR. EVR playback units are tentatively pegged at \$280, but even this relatively low price may drop as demand for the equipment increases. In comparison, most VTR equipment now costs upward of \$1000, but prices are going down steadily and may drop more because of technologic advances and the pressure of imminent rough competition from EVR.

In fact, one California company (Newell Associates) reports that it has devised a new magnetic video tape deck that can bring color video into homes at prices approximating the cost of an ordinary TV set. The company has also developed a very compact



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the very first
time they try
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FROM OUR MAIL BAG

J. Statatits, of 25 Poplar Pl., Waterbury Conn., writes: "I have repaired several sets for my friends, and made money. The "Edu-Kit" paid for itself. I was ready to spend \$240 for a course, but I found your ad and sent for your Kit."

Ben Valerio, P. O. Box 21, Magna, Utah: "The Edu-Kits are wonderful. Here I am sending you the questions and also the answers for them. I have been in Radio for the last seven years, but like to work with Radio Kits, and like to build Radio Testing Equipment. I enjoyed every minute, worked with the different kits; the Signal Tracer works fine. Also like to let you know that I feel proud of becoming a member of your Radio-TV Club."

Robert L. Shuff, 1534 Monroe Ave., Huntington, W. Va.: "Thought I would drop you a few lines to say that I received my Edu-Kit, and was really amazed that such a bargain can be had at such a low price. I have already started repairing radios and phonographs. My friends were really surprised to see me get into the swing of it so quickly. The Trouble-shooting Tester that comes with the Kit is really swell, and finds the trouble, if there is any to be found."

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A Printed Circuit is a special insulated chassis on which has been deposited a conducting material which takes the place of wiring. The various parts are merely plugged in and soldered to terminals.

Printed Circuitry is the basis of modern Automation Electronics. A knowledge of this subject is a necessity today for anyone interested in Electronics.