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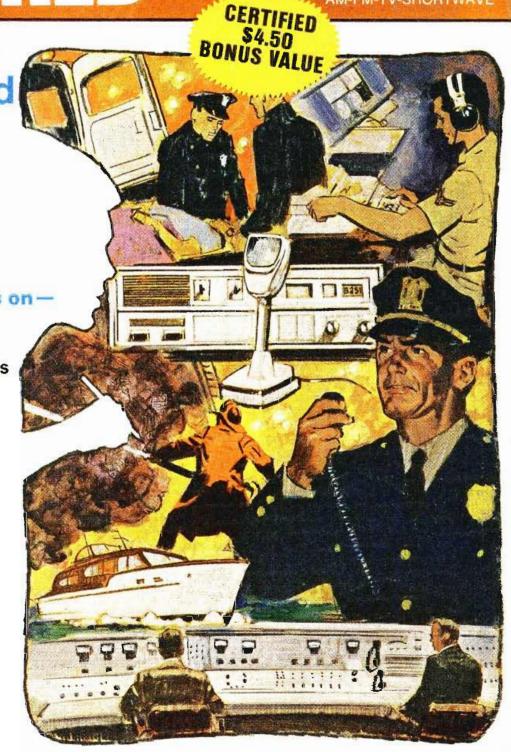
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12

- CW Signals Single Sideband Getting Down To Brass
 Tacks VHF Equipment Other VHFers The Marketplace
 Shortwave Action Foreign Fuzz Interpol GI DX Foreign
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The Noises ● The Broadcast Bands ● Super Booster For

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• WHITE'S RADIO LOG—complete from AM to FM & TV		54
lists every North American broadcasting facility		
 Ask Me Another—DX brain-stumpers are our bag 	20	4
List of Tables		6
 Literature Library—reading stuff from the mailman's bag 		8
 Abbreviations—Shortwave quick tonguers from Antilles to 		10
Zambia revealed		
 Classified Market Place—goodies and services for you 		111

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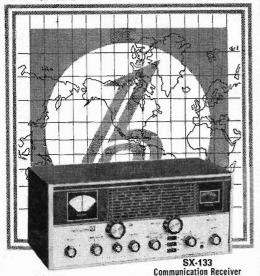
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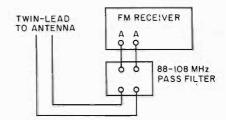
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ask me another

Interference on FM

I recently purchased an FM-stereo receiver. I have been getting some pretty bad interference on the lower part of the FM band from shortwave stations. One station on 91.5 MHz is ruined by WWV. Another on 95.5 MHz is drowned out nightly by Radio Havana. I have tried special antennas for FM and FM-stereo but the interference continues. What would you suggest that I do?

—A.F., New Kensington, Pa. The best advice is "trade it in for a better receiver." The fact that you can hear WWV at



91.5 MHz seems incredible. Your receiver's front end must be poorly designed. Try a band-pass filter (Finco 3007 or equal) in series with the antenna as shown in the diagram.

Separating the Stations

I have a 4-band regenerative SW receiver with good sensitivity, but poor signal separation. I thought it might be a good idea to get a superhet receiver for better separation. However, I have been told that it isn't wise to move up to a more expensive receiver. This gave me doubts. Could you please straighten me out, I just want to listen to one thing at a time.

-K.C., Somers, Conn.

A good superhet with a selectivity filter or Q-multiplier is better. A regen receiver depends upon feedback to improve the selectivity of one tuned circuit. In a superhet you have several tuned circuits.

Snap, Crackle, and Smell

My portable black and white television set gives off a strong odor of ozone. Also, when turned on, it makes loud crackling sounds for a few minutes. I took it to a repair shop, but the repairman said that it wasn't anything to worry about. Just a little dampness, he said. This set is in my bedroom, not the basement, and our other television sets do not do this. Can you diagnose? Since it is obviously some-

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Answers to questions you have asked yourself in the past! Why not put your question to us—today?

thing beyond the repairman's knowledge. I am writing to you because you are electronics engineers.

-T.R., Union, N.J.

To get a bright picture, you need high voltage. The better TV sets provide higher voltage than the cheapies. And, when you have adequate high voltage, you can expect to hear a few crackles and smell a trace of ozone until the set warms up. It's said that ozone is dangerous—but only under prolonged exposure. Do you want a bright picture or a dim one? However, if the inside of the set is dirty, particularly around the high voltage circuits, excessive crackling can occur.

Receiver Buyer

I have a portable shortwave receiver which does a pretty good job on shortwave and standard broadcast reception. I have been thinking about buying a new Hammarlund receiver, either the model HQ-180-A or the HQ-180-AX. I would appreciate having your opinion as to whether there would be an appreciable improvement in the quality of reception, also if the range of these receivers would be great, and the reception quieter.

—J.J.H., Livermore, Calif.

The Hammarlunds are superior on all counts.
Be sure to set up a good long wire or doublet antenna.

BC Band Hopping

I was listening on the 9.4-17.8 MHz band and picked up WWSW 940 KHz) at around 9.7

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ask me another

MHz and also at a place farther up the band. Afterwards, on another band, it came in at around 1.7 MHz. I also got WMBS (590 KHz) and KDKA (1020 KHz) at this same frequency. I can't understand this. Could you tell me what's going on.

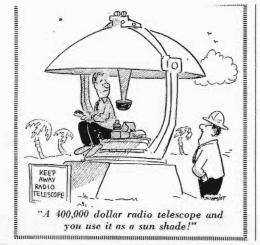
-B.G., Uniontown, Pa. Strange things happen when radio signals pass through and are mixed in the mixer of a superhet receiver. It would take several pages to explain why if all bases are covered. While most interference and spurious response conditions are the fault of the receiver, transmitters can be the cause, too. The signal from one transmitter may intermodulate with that of another transmitter and produce a spurious signal. Also, a BCB station could be radiating harmonics-multiples of the carrier frequency transmitter may intermodulate with that of another transmitter and produce a spurious signal. Also, a BCB station could be radiating harmonics-multiples of the carrier frequency -but this is unlikely because of FCC regulations. As long as you can tune in the stations you want, don't fight it and hang on to your receiver. Even the \$1750 jobs suffer from the same kinds of annoyances, but to a lesser extent.

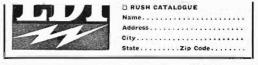
Top of the World BCB

I am located in the northern part of Kodiak Island and surrounded by mountains. I am using an indoor antenna and my SW and BCB reception is poor. An outside antenna would not do much good unless located on high ground. This would require a lead-in a half-mile long, which is not practical to install. Couldn't I install an antenna on the hill-top,

TABLES IN

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	Coastal Radio Stations		
	DX Forecast for Eastern		
	United States37		
	DX Forecast for Western		
	United States37		
	Fixed Circuit Frequencies (kHz) 35		
	Frequency vs. Wavelength52	1	
	Great Lakes Coastal Stations33		5 .
	Great Lakes Marine Frequencies .32		
	International Morse Code15		
	Interpol Frequencies25		In.
	Languages of the World45		
	Local Time vs. Greenwich Time 51		-
	Major Foreign Airlines33		
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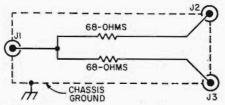
and use an electronic device to pick up and rerediate signals to my receiver?

—S.K., Port Bailey, Alaska It would be unlawful to set up a repeater station on the hill-top to relay signals at the frequencies you are interested in. Even if you are surrounded by mountains, an outdoor antenna will give you much better signal pick-up. Put up a long wire inverted L antenna—as long as possible—and use a ground too. The sky wave DX signals will find their way to your antenna.

Auto Antenna Sharing

I have a scanner-type 30-50 MHz band monitor receiver and an AM-FM radio in my car. I would like both receivers to share the same auto antenna. How can I do it?

-W.C., Franklin, Ky.



Your problem is a bit complex because your auto radio undoubtedly doesn't have separate antenna inputs for AM (540-1600 kHz) and FM (88-108 MHz). While we could dream up a Rube Goldberg gadget for you, the simplest way is to get an aluminum mini-box and mount a Motorola-type auto radio antenna jack (J1) on it. Your auto radio antenna's plug is inserted into this jack. You'll also need two (Continued on page 9)

12.00

THIS ISSUE



These two unique plastic (UL) handles extend the usefulness of all Xcelite Series "99" tools, make welcome additions to any "99" set.

Both regular (99-1R) and Tee (99-4R) types accept more than 60 individually available nut-driver, screwdriver, and special purpose snap-in blades to speed and simplify assembly and service work.



LITERATURE

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- 3. Custom Alarms reveals how inexpensive professional alarms can really be. Install one yourself. Circle 3 for exclusive catalog.
- 4. Get it now! John Meshna, Jr.'s new 96-page catalog is jam packed with surplus buys.
- 5. Troubleshooting without test gear? Get with it—let Accurate Instrument clue you in on some great buys for your test bench.
- Burstein-Applebee offers a new giant catalog containing 100s of big pages crammed with savings.
- Now available from EDI (Electronic Distributors, Inc.): a catalog containing hundreds of electronic items.
- 8. Pick Cornell's Electronics' 10th Sanni, catalog and discover yester-day prices. Tubes go for 36¢ and 33¢. Plus many other goodies!
- 9. Allied Radio Shack wants to in troduce you to the colorful world of electronics. Discover great buys from wide selections. Get the de-tails from Allied today!
- 10. It's just off the press—Lafay ette's all-new 1971 illustrated catalog packed with CB gear, hi-fi components, test equipment, tools, ham rigs, and more-get your free copy!
- 11. Get all the facts on Progressive Edu-Kits Home Radio Course. Build 20 radios and electronic circuits; tools, and instructions inparts.
- 12. Olson's catalog is a multi-colored newspaper that's packed with more bargains than a phone book has names.

- 13. Don't miss this info on Xcelite's . 23. Your not receiving like a pro unique new Series "99" ratchet unless you step up with a hot rehandles—Regular and Tee types— ceiver. R. L. Drake Co. model SPR-4 that accept more than 60 Xcelite is one communications receiver you blades for driving most any fastener.
- 14. Before you build from scratch, check the Fair Radio Sales latest catalog for surplus gear.
- 15. Here's a free 20-page booklet that tells you how to improve your TV pic and a do-it-yourself approach to installing a Master Antenna TV (MATV) system. Mosley Electronics will wing it your way.
- 16. RCA Experimenter's Kits for hobbyists, hams, technicians and students are the answer for successful and enjoyable projects.
- 17. B&F Enterprizes has an interesting catalog you'd enjoy scam-ning. Goodies like geiger counters, logic cards, kits, lenses, etc. pack it. Get a conv!
- Heath's new 1971 full-color catalog is a shopper's dream. Its 116 pages are chock full of gadgets and goodies everyone would want to own.
- 19. Get two free books--- "How to Get a Commercial FCC License and "How to Succeed in Electron-ics"—from Cleveland Institute of
- 20. National Schools will help you learn all about color TV as you assemble their 25-in. color TV kit.
- 21. Free '72 catalog describes 100's of Howard W. Sams books including titles for amateurs, and SWL's on selecting and building antennas. licensing, test gear and other vital subjects.
- 22. You can become an electrical engineer only if you take the first step. Let ICS send you their free illustrated catalog describing 17 special programs.

- should consider-it's a winner. Get the facts!
- 24. CB antenna catalog by Antenna Specialists makes the pickin' easy. Get your copy today!

7

- builder? Like wired products? EICO's 1971 catalog takes care of both breeds of buyers at prices you will like.
- 26. Want some groovey PC boards plus parts for communication projects? Then get a hold of International Crystal's complete catalog.
- 27. GC Electronics has the part you are looking for. Pick up their free catalog and build again without
- 28. CBers, Hams, SWLs-get your copy of World's Radio Lab's 1971 catalog. Circle 28 now!
- 29. Hy-Gain's new CB antenna catalog is packed full of useful information. Get a copy
- 30. Get your copy of Hallicrafters' "Shortwave Puts You Where It's At." Get started today on shortwave radio for more fun tomorrow!
- 31. Want a deluxe CB base station? Then get the specs on Tram's super CB regs.
- 32. Get the scoop on Versa-Tronics' Versa-Tenna with instant magnetic mounting.
- 33. Prepare for tomorrow by studying at home with Technical Training International. Get the facts on how to step up in your job.
- 34. Pep-up your CB rig's performance with Turner's M+2 mobile microphone.
- CBers, Midland has come up with a neat colorful brochure on their line. Before you buy, check on Midland

ask me another

RCA-type phono jacks (J2 and J3), connected together through two 69-ohm carbon resistors, as shown in the diagram. Connect the auto radio to J2 through a shielded cable, and the monitor receiver to J3 through RG-59/U coaxial cable. You won't get a perfect match since the auto radio input impedance and the monitor receiver input impedance are not the same. But, you will get a degree of isolation. The suggested device will cause some insertion loss, but not of significance.

DXing Out-of-Town

I would like to receive Channel 3 from Hartford, Conn. (WTIC). I just bought a rotator and a Channel 3 antenna but I can only get Channel 3 from Philadelphia, including Channels 2 and 4. I thought if I could filter out Channels 2 and 4 I might be able to get WTIC. Could you give a circuit that would do that? If it is possible to eliminate Channel 3 from Philadelphia as well I would appreciate a circuit for it, too!

—R. E., Brooklyn, N. Y.
You've got a sticky wicket. Filters, designed for CATV heads ends (receiving locations) are available, but expensive. Try calling Vikoa on its New York City tie line, WH 3-5793. If no

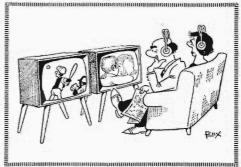
luck, write to Jerrold Corp., 401 Walnut St., Philadelphia. As for eliminating the Philly station, you need the most directive antenna you can get, and it should have a high front to back ratio.

Radio Power

My AM-FM-LW-MB-SW has been giving me problems. On shortwave (4.5-23 MHz) I receive unwanted television and AM/FM audio. Realignment does not help. How can I cure this?

-T.G.O., New York, N. Y.

Don't we all have the same problems? The air in Manhattan is not only filled with soot, but is also polluted with radio signals and noise. There is no easy cure for your problem unless you move to Brooklyn.



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abbreviations

A	announcer,	comi	commercial	GCP	great circle path
	approximate	condx	conditions	Ger	German
abb	abbreviation	cos	because		language
abt	about	CP	Caixa Postal,	GMT	Greenwich Mean
AC	alternating		post office box		(Universal)
AU	current		in Portuguese		Time
	address	cps	cycles per	gov	government
addr		ops .	second	GSTQ	God Save the
AFC	automatic fre-	CQ	general call	usra	Queen (British
	quency) Va			national
	control		requesting		anthem
AFRTS	American Forces	0./0	contact	and	
	Radio-TV	c/s	cycles per	gud	good
	Service		second	h	
AGC	automatic gain	ctry	country	har	harmonic
	control	cul	see you later	het	heterodyne
AM	amplitude	cw, CW	continuous wave	Hi	expression of
	modulation	i	(Morse code)		humor or
ANARC	Association of	CX	conditions		laughter
	North			HQ	headquarters
	American	l dB	decibels	hrd	heard
	Radio Clubs	DC	direct current		
ancr	announcer	l de	from	ID	identification
anmt	announcement	DF	direction finding	IDed	identified
ann	announcement	dip	dipole antenna	IF	intermediate
ant	antenna	dop	dope		frequency
арргох	approximate	""	(information)	info	information
A.Pt.	A Portuguesa,	DSB	double sideband	IRC	International
A.I C.	Portuguese	DU	down under		Reply Coupon
	national	"	(Australia/	irreg	irregular
	anthem		New Zealand)	IS	interval signal
AVC	automatic vol-	dunno	don't know	์เรีย	International
AVU	ume control	DX	long distance	110	Telecommuni-
	ume control	"	reception		cations Union
000	Duitish Duard	DXer	one who listens		Cations Official
BBC	British Broad-	DVGI	for distant		
DO D.	casting Corp.		stations	IJ	Japanese-
BC, Bc	broadcast(ing)		219110112	"	speaking
BCB	Broadcast band	E	English Janguaga		Speaking
L L .	(540-1600 kHz)		English language	kc, kc/s	kilocycle(s) per
bestr	broadcaster	Ea	east	NO, NO/ 5	second (same
becuz	because	EE	English-speaking		as kHz.)
BF0	beat frequency	Eng.	English language	kHz.	kiloHertz
DD	oscillator	equip	equipment	kw	kilowatt
BP	Boite Postale,	ERP	effective radi-	V.M.	KIIOWALL
	post office		ated power	1 .	Lancoren
	box in French.	es	and	L LA	language
Br	British	Eu	Europe(an)	LA	Latin
bug	semi-automatic	exc	except, excellent	lad	America(n)
	key (code)	ехр	experimental	lgd .	logged
			_	LL	landline
C.AM.	Central	F	French	1,4	(telephone)
	America(n)	FB	fine	LV	La Voz de
CARACol	Cadena Radial	F B !S	Foreign Broad-		(Spanish
	Colombiana		cast Informa-		station
	(radio		tion Service		identification)
	network)		(official US	lvi	level
CBC	Canadian Broad-		monitoring	LW	long wave,
	casting Corp.		agency)		long wire
CE	chief engineer	FE	Far East(ern)		
cfm	confirm	l řř	French-speaking	mb	meter band
chop	chief operator	FM	frequency	MC/s	megacycles
ck	check	l ''''	modulation		(same as mHz)
cl	close(d)	f/o	fade out	ME	Middle East(ern)
c/I	call letters	freg	frequency	MHz	megaHertz
cland	clandestine	f/up	follow-up report	mni	many
3.0.14	o.diracotino	, ./ up	Tonon up Toport	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,,,,

- used by DXers

MW	medium wave	S	unit of signal
MWBC	medium wave broadcast	SASE	strength self-addressed
mx	music		envelope with
NA	North		stamp affixed used för
NA.	America(n)		replies
N.Af	North Africa(n)	sched	schedule(d)
Nac	nacional (Spanish	scope sez	oscilloscope says
	for national)	shud	should
net	network	sig	signal
nil nr	nothing near	SINPO	signal reporting code
NX, nx	news	sked	schedule
	, .,	s/on	sign on
O, om	old man (male)	s/off Sp	sign off Spanish
PFX	prefix	Эр	language
Pgm	program	SS	Spanish-
POD pop	path of darkness popular (music)	stn	speaking station
PP	Portuguese-	superhet	superheterodyne
	speaking	•	receiver
ppgn prop	propagation propagation	Svc SW, sw	service shortwave
pse	please	SWBC	shortwave
PTP	point-to-point	CWI	broadcast
	(Utility communica-	SWL	shortwave listener (any
	tions stations)		DXer)
ODA	address.	SWLing	shortwave
QRA QRM	address any interfering		listening (any DXing)
	station or		(dil) DAIIIG
	man-made interference	TC	time check
QRN	static	t/i	announcement tune in
QRT	sign off	tnx	thanks
QSB QSL	fading verification	TS	tuning signal
QSP	reply to	TX, tx	transmitter
QTH	location	UOX	utility (station)
R	radio		DXing
rag	magazine	unid unk	unidentified unknown
rcd	received received	urs	yours
rcvr	receiver		TOTAL CONTRACTOR CONTRACTOR
re	concerning	V	varies (as time
Re Red.	report Rediffusion		or frequency), voice, verifica-
Rel	religious		tion (QSL)
DE	relay(ing)	v/c verle	verification card verification
RF Rp	radio frequency return postage	vert	vertical antenna
rpt	report	VFO	variable
RRI	Radio Republik		frequency oscillator
RTTY	Indonesia radioteletype		USUITALUI
RVOG	Radio Voice of	V/S	person signing a
	the Gospel		verification
RX, rx	(Ethiopia) receiver	vv	for station very
,			,

watsa	what do you
WCNA	say? West coast of North America
wilco	will comply,
wk	week, work,
wrp wx	weather report weather
xmsn xmtr xtal	transmission transmitter crystal
YL	girl or unmarried woman
Z	Zulu (or GMT)
zedder	time New Zealander
73	best regards, or more generally, goodbye
88 //	love and kisses a parallel transmission, same program on another frequency

NOTE: What may appear to be an abbreviation in the following text is often a station call sign. To become familiar with these call signs, refer to tables in this issue. See page 6 for list of tables. Also, the Ten Code and the Simpo Code are simple "abbreviations" using a numerical system that all SWLers should know and use. Refer to these tables, too!

COMMUNICATIONS



DXing is the second most interesting indoor sport! No hedging, no doubts—just a simple, flat statement! Let the mah-jongg players, boat-in-bottle builders, African violet growers lay their claims. There are many thousands of radio hobbyists who'll swear it's fact, not just opinion, that DXing ranks high among fascinating activities.

COMMUNICATIONS WORLD is to DXing what the Kinsey Report was to the Number 1 at-home activity. If you haven't yet discovered the fascination of DXing, it's time you did.

DXing, or SWLing if you prefer, is the hobby of listening to distant radio transmissions. Technically, SWLing means shortwave listening, or tuning the frequencies between roughly 1600 and 30000 kilohertz. But many who call themselves SWL's range much farther afield into the long and medium waves, and the VHF and UHF bands in the radio spectrum.

Basically, all you need to start is a receiver and the desire to learn. Anyone can become a DX listener. Professional man, or housewife. Janitor, or student. Think of the most obscure calling imaginable. A chimneysweep, for instance? There's one in Germany who dials his shortwave radio, presumably

WORLD

WHITE'S RADIO LOG



with sooty hands. Or, how about a hermit? There's a fellow living a rustic life in a tarpaper shack atop a mountain in Michigan's upper peninsula who's a regular listener to Voice of America programs.

of America programs.

There are as many reasons why a person finds DXing an appealing hobby as there are listeners. Maybe it's the idea of armchair traveling about the globe; maybe the excitement of being in on the action—a police manhunt or an African revolution—the moment it happens. Or maybe the reasons are more scholarly, like learning a foreign language, or studying the music and culture of an exotic distant land.

There are many facets to radio listening as a hobby. Perhaps tuning the police and emergency services grabs your fancy. Or maybe your kicks come from keeping tabs on oceangoing ships and jets bound for overseas airports. Many find enjoyment listening to amateur—ham—operators or foreign shortwave programs. Still others tune the regular medium wave AM band for distant stations. The FM and TV channels also have their DXing enthusiasts. And some prefer a potpourri of all these types of DXing.

But before you power up your shortwave rig, you'll need

COMMUNICATIONS ORLD

to know a few basic definitions. They'll be cropping up again and again as we go along.

Broadcast Stations: These, whether they are shortwave, FM, TV or the local MW (medium wave) station in your hometown, broadcast program material—music, news, entertainment and the like—to a general audience.

Amateur Stations: Hams are noncommercial radio operators licensed to operate their own private two-way shortwave communication facility.

Utility Stations: This is something of a catchall category that includes almost anything else you'll hear on the air. These are special service stations transmitting communications intended for a general listening audience. The utility operations include police, fire department and governmental agency stations, shipto-shore radio, military communications, aeronautical transmissions, direct point-to-point commercial communications, radioteletype signals and many, many more.

Though not intended for the DXer, many utility stations can easily be heard by the average listener. But there are certain laws regarding privacy which must be considered by the SWL when he tunes to the utility stations. As far as listening is concerned, any radio transmission is, legally, fair game. But the Communications Act of 1934, Section 605, as amended, prohibits "divulg-

ing or beneficially using the information derived from such monitoring." Simply stated, this means that you may listen to your heart's content, but don't make any personal use of the information you hear while eavesdropping on these utility stations.

If you write to one of them, specifically reporting reception in order to seek a verification of your logging, you can safely mention the time, date, frequency and identity of the station being "worked." But, unless you're sure the message you heard wasn't private communications, skip the details of the conversation. Of course, some utility stations do transmit public messages, such as weather reports, and repeated voice station identifications, called "markers" or "mirrors," which do not fall within the scope of private communications.

Two other terms that need defining are CW (Continuous Wave) and SSB (Single SideBand). They need not concern you if you monitor only the broadcast stations, which use normal AM (Amplitude Modulation) or FM (Frequency Modulation) transmission modes. But if you stray into the ham or utility bands, you'll need to know not only the meanings of CW and SSB, but how to cope with these types of transmissions.

• CW SIGNALS

When an SWL talks about CW, he's speaking about International Morse Code transmissions. Don't let the old di-dahdit dilemma scare you off! If you're ultimately shooting for your own ham license—and quite a few DXers are—you'll have to learn it eventually, so why not do it now?



Radio listening posts have not really changed much over the years. QSL cards plaster DX shack walls and the equipment is of varying degrees of vintage, then as now. This photo shows what the wellequipped listening post looked like back in 1937. The rig is a National NC-100X, and the proud owner is Dr. F. Earle Hall. Today, some 34 years later, Dr. Hall, of Winchendon, Mass., is DXing as actively as ever.

COMMUNICATIONS WORLD

WHERE TO DX FROM 540 TO 30,000 kHz

200000000000000000000000000000000000000	kHz. Type of DX kHz. Type of DX 540-1605 Broadcast 11700-11975 Broadcast 1605-1800 Utility 11975-14000 Utility 1800-2065 Amateur, Utility 14000-14350 Amateur 2065-2300 Utility 14350-15100 Utility 2300-2500 Broadcast, Utility 15100-15450 Broadcast 2500-3200 Utility 15450-17700 Utility 3200-3400 Broadcast, Utility 17700-17900 Broadcast 3400-3500 Utility 17900-21000 Utility 3500-3900 Amateur, Utility 21000-21450 Amateur 3900-4000 Amateur, Broadcast, Utility 21750-25600 Utility 4000-4750 Utility 21750-25600 Utility 4750-5060 Broadcast, Utility 25600-26100 Broadcast 5060-5950 Utility 2600-27230 Amateur, (Citizens Band) 6200-7000 Utility 27230-28000 Utility 7000-7300 Amateur, Broadcast				
₫ kHz.	Type of DX	kHz.	Type of DX		
§ 540-1605	Broadcast	11700-11975	Broadcast		
1605-1800	Utility	11975-14000	Utility		
1800-2065	Amateur, Utility	14000-14350	Amateur		
2065-2300	Utility	14350-15100	Utility		
2300-2500	Broadcast, Utility	15100-15450	Broadcast		
2500-3200	Utility	15450-17700	Utility		
3200-3400	Broadcast, Utility	17700-17900	Broadcast		
3400-3500	Utility	17900-21000	Utility		
3500-3900	Amateur, Utility	21000-21450	Amateur		
3900-4000	Amateur, Broadcast, Utility	21450-21750	Broadcast		
₫ 4000-4750	Utility	21750-25600	Utility		
¥750-5060	Broadcast, Utility	25600-26100	Broadcast		
5060-5950	Utility	26100-26960	Utility		
§ 5950-6200	Broadcast	26960-27230	Amateur, (Citizens Band)		
£ 6200-7000	Utility	27230-28000	Utility		
7000-7100	Amateur	28000-29700	Amateur		
T100-7300	Amateur, Broadcast	29700-30000	Utility		
7300-9500	Utility	30000 and above	Utility (mostly)		
9500-9775	Broadcast				
9775-10000	Broadcast, Utility				
I 10000-11700	Utility				
\$0000000000000000000000000000000000000		114 44 181) COM (412 ECONOMINACIO LA DOMINISTRA (413 113 11			

Even if learning the code isn't your bag, you don't have to miss the fun of logging CW utility stations. Many of these stations send a CW identification marker, repeated over and over at moderate speed, when they aren't actually transmitting code traffic to another station. You can recognize one of these CW markers by the same pattern of di's and dah's. These code signals are repeated over and over. Even if you don't know the code, tape record the signal. Record

THE INTERNATIONAL MORSE CODE

A	Ν		1	
B	0		2	
C	P		3	
D	Q		4	
E.	R		5	
F	S		6	
G	Т	_	7	
н	U		8	
1	V		9	
J	W		ϕ	
K	X		MEANS ZERO, AND IS WRITTEN	IN THIS
L	Y		WAY TO DISTINGUISH IT FROM IT OFTEN IS TRANSMITTED INS	THE LETTER "O
M	Z		LONG DASH (EQUIVALENT TO 5	
PERIOD (.)			WAIT SIGN (AS)	
COMMA (,)			DOUBLE DASH (BREAK)	
INTERROGATIO	N (?)		ERROR (ERASE SIGN)	
QUOTATION MA	RK (")		FRACTION BAR (/)	
COLON (:)			END OF MESSAGE (AR)	
SEMICOLON (;)			END OF TRANSMISSION (SK)	
PARENTHESIS ()		INTERNAT, DISTRESS SIG. (SOS)	

GOMMUNICATIONS ORLD

it at "fast" speed, then play it back at "slow" speed. By playing the tape back several times, you can copy down the individual dots and dashes at the slower speed.

For example, suppose you copy the following: "di-di-di-dah, di-di-di-dah, di-di-dah, di-di-dah, dah-di-dah, dah-di-dah, di-di-dah, di-dah-dit." Look up the letter equivalents of these International Morse Code signals. The marker reads, "VVV de (meaning 'from') YVR, in this case, a station at Caracas, Venezuela. These markers are repeated often enough so that if you miss copying some of the letters the first time, you can pick them up the next time through. It's almost foolproof!

SINGLE SIDEBAND

Single sideband is a special form of voice transmission. While the signal is amplitude modulated, the radio-frequency carrier and half of the voice modulation are suppressed, leaving a single sideband. The majority of hams and many utility stations use SSB for two very good reasons. A given amount of power will be eight times more effective than normal AM transmission. And, since the amount of space taken up in the RF spectrum is only half as wide, the signal sent by an SSB-modulated transmitter takes less band space and

more stations can operate in a given segment of band space.

Unfortunately, if you have a receiver not especially designed for SSB reception, the signal will sound like the rantings of an inebriated Donald Duck! What's needed, of course, is to somehow replace the SSB signal's missing carrier. The suppressed half of the modulation is an electronic mirror image of the half you are receiving. So, it turns out that you really don't need that part of the transmitted signal, just the carrier signal

If your receiver has a beat frequency oscillator (BFO) control, simply marked CW on some sets, switch it on. Tune the SSB signal for maximum strength. Adjust the BFO control until the voice becomes intelligible. It may be a bit tricky at first, and you may have to play around a bit, until you get the hang of this technique.

Owners of less elaborate shortwave receivers can try this trick. Take a small portable transistor AM radio—the Poor Man's BFO—and place it near your shortwave receiver. Turn the portable radio on, but keep the volume as low as possible. Sometimes, though not always, the oscillations it radiates into your SW set will be sufficient to restore the missing SSB carrier and make the transmissions intelligible.

GETTING DOWN TO BRASS TACKS

Let's take a look at the utility stations now, starting at the high end of the Radio Frequency spectrum.



A proficient shortwave listener doesn't need an entire roomful of equipment in order to enjoy his hobby. Take a look at this DXman's shack: it's pure simplicity! All that Dave Thorne of Santa Ana, California needs to bag his DX is a Drake SW4A rig, and a Hallicrafters S-38D shortwave receiver that Dave uses as his standby rig. On the wall of his listening post hang DX club awards and certificates, as well as some of the pennants he's received from stations logged.

THE TEN CODE

10- 1	Unable to copy (transmission)	10-30	Does not conform to rules and regulations
10- 2	Signals good	10-33	Emergency traffic this station
10- 3	Affirmative, granted, will do	10-34	Major crime alert
10- 4	Message received	10-36	Confidential information
10- 5	Relay	10-41	Does not conform to rules and regulations Emergency traffic this station Major crime alert Confidential information Beginning tour of duty Ending tour of duty Message received by all concerned Accident Wrecker needed Ambulance needed Driving while intoxicated Convoy or escort What is next number CW (morse code) traffic Teletype traffic Answer our number Message for local delivery Net message assignment Cancellation Clear for net message Dispatch information Fire Report progress on fire Pay check's out (Any officer's favorite call!) Advise present phone number of Radioman (needed or will arrive) Frequency check Give a test
10- 6	Busy, stand by	10-42	
10- 7	Out of service	10-44	
10- 8	Repeat (transmission) On minor detail, subject to call	10-50 10-51 10-52	Accident Wrecker needed Ambulance needed
10-11	Visitors or officials present Weather and road conditions	10-55	Driving while intoxicated
10-12		10-59	Convoy or escort
10-13		10-60	What is next number
10-15	Have in possession, property, prisoner, etc. Pick up, property, prisoner, etc.	10-61	CW (morse code) traffic
10-16		10-62	Teletype traffic
10-17		10-63	Answer our numbe!
10-18	Anything for us? Nothing for you	10-64	Message for local delivery
10-19		10-65	Net message assignment
10-20		10-66	Cancellation
10-21	Call — by phone Report in person to —— Arrived at scene	10-67	Clear for net message
10-22		10-68	Dispatch information
10-23		10-70	Fire
10-24	Finished with last assignment Disregard last information	10-79	Report progress on fire
10-25		10-87	Pay check's out (Any officer's favorite call!)
10-26	Holding suspect	10-88	Advise present phone number of ——
10-27	Operator or officer on duty	10-89	Radioman (needed or will arrive)
10-28	Full registration information	10-93	Give a test
10-29	Check records for wanted (person, vehicle)	10-94	

Remember how Pogo, the irrepressible cartoon character, once puzzled and electrified his fellow Okefenokeeans by running through the swamp yelling, "Law 'n' order's coming!" The 'gators and frogs were confused. They figured that "Law'n'Order" was a "grass widder lady" come to live in their soggy neighborhood.

But there's no law and order mystery among DXers. Monitoring the VHF, and to a lesser extent, UHF, police radio frequencies is one of the fastest growing phases of the listening hobby.

Once, nearly all DXers got their starts in the hobby through an initial urge to tune foreign broadcasting stations as a first step in earning their ham "tickets." But tuning the tremendously popular Citizen Band opens a new door to greenhorners DX.

Frequently, today's CBers get involved with emergency communication in their communities, bringing them in close contact with local law enforcement agencies. From here it is only a short step to actually buying a receiver that will tune the police communications frequencies.

Catching an earful on the "fuzz"

frequencies really is NOW listening! Unlike TV newscasts (which are usually after-the-fact reports of what happened), you can be in on all of the action as it happens when you monitor the police transmissions. Some of the messages you'll hear are everyday commands like the dispatching of a squad car to break up a family brawl or to rescue a cat from a sewer. But there are moments of high excitement—like the frenzied rush to get a traffic accident victim to the hospital in a blinding snowstorm, or the methodical setting of a road block to nab a fugitive bank robber.

One, two, buckle my shoe; three, four, shut the door. But one midwestern police department uses the call "0-5-6" as the signal to the desk sergeant to close the electrically operated door to the police garage. Every law enforcement department uses number codes over the air to simplify the transmission of routine messages and to provide a rough form of security against eavesdropping. The most commonly used and least secure system is known, popularly, as the 10-code and is basic to most police agencies across the country. The 10-code

FALL-WINTER, 1971

COMMUNICATIONS ORLD

chart should help you decipher some of the specially abbreviated police signals you monitor.

If you've done some listening on the shortwave frequencies below 30 MHz. but are anxious to try your hand at the still shorter VHF wavelengths, there may be a few surprises in store for you. Don't expect to hear overseas VHF signals, for instance. Generally speaking, the transmission you'll receive will be from stations in your area. When propagational factors are optimum (as when the "skip" effect is most active during the summer months), you may find stations many hundreds of miles away coming through. But, for day-in, dayout listening, look mostly for those calls which originate from within about a 25 mile range. Reason is, reception is limited to little more than "line of sight." Because of the earth's curvature. and the nature of VHF radiations, the higher you mount the antenna, the greater listening range you'll have.

However being able to hear only your local law agencies isn't necessarily a drawback. After all, the dispatching of a prowl car to a disturbance six blocks away probably will be more interesting to you than a similar call 60 miles away in a distant city.

As to the legality of police band



A New Haven, Conn. newspaper editor by day, Alvin Sizer relaxes at night with shortwave radio. "Si" uses a Hammarlund HQ180-A to roam the bands with.

DXing, the general provisions of the FCC's Communications Act already have been outlined. Also, note that some cities and states forbid the installation of receivers capable of tuning the police frequencies in private automobiles. Check with local police officials to make sure you can install a police receiver in your car. But, as far as listening from your home is concerned, go ahead. As long as you keep mum about what you hear, you're legit. Today, most police transmissions are heard in two VHF ranges; the low band, approximately 30 to 50 MHz, and the high band, about 150 to 174 MHz. A few agencies still use the old police shortwave bands, which we'll get to later. And, a handful use an ultra high frequency (UHF) segment around 450 and 460 MHz.

VHF EQUIPMENT

This, of course, isn't shortwave listening, strictly speaking. The high frequency (HF) range—and most communications shortwave receiver coverage—ends at 30 MHz. So don't expect your regular SW receiver to pull in these VHF transmissions.

If chasing after the VHF radio rainbow is your thing, you're going to have to invest in some type of specialized gear. In choosing your equipment, there are a number of decisions to make. Do you want to tune the low or the high VHF band? Or, do you want a dual-range receiver that will bring in stations on both bands? This decision is usually made for you by your local police agencies. Naturally you'll want to cover the frequencies on which they operate. Often a local radio parts store can provide you with the frequency information, or possibly the radio technician at your police or sheriff's department will give you the word.

You can usually determine whether the low or high band is used by your community's emergency services by taking a look at the next squad car or ambulance you pass. If it sports the long, buggywhip type antenna, it is receiving and sending transmissions on the low band. If a much shorter antenna is mounted on the vehicle (about 18 inches or so), the high VHF band is

Exact frequencies used by law enforcement agencies across the country

STATE POLICE-TRAFFIC PATROL FREQUENCIES (mHz)

This is a selected, patrols in the United	and incomplete, list of d States.	of VHF low bar	nd frequencies used by state	police, highway and	traffic
State	Base	Mobile	State	Base	Mob
Alabama	42.64	42.80	Montana	42.52	42.2
Alaska	42.92	42.76	Nebraska	42.04	42.2
Arizona	44.66	44.82	Nevada	42.94	42.7
Arkansas	42.64	44.78	New Hampshire	44.94	42.7
California	42.34	42.18	New Jersey	44.94	44.7
Colorado	42.46	42.30	New Mexico	42.44	42.2
Connecticut	45.02	44.86	New York	42.36	42.3
Delaware	45.02	44.86	North Carolina	42.36	42.7
Florida	45.06	44.90	North Dakota	42.38	42.2
Georgia	42.02	42.18	Ohio	42.42	42.7
Idaho	42.54	42.24	Oklahoma	42.60	42.3
Illinois	42.50	42.66	Oregon	42.94	42.7
Indiana	42.08	42.26	Pennsylvania	42.62	42.7
Iowa	42.58	42.68	Rhode Island	42.62	42.7
Kansas	44.98	44.82	South Carolina	42.10	42.2
Kentucky	44.64	42.80	South Dakota	44.98	44.8
Louisiana	44.70	44.90	Tennessee	42.42	42.2
Maine	42.14	42.30	Texas	42.90	42.7
Maryland	44.74	44.90	Utah	42.94	42.7
Massachusetts	44.74	44.90	Vermont	42.86	42.7
Michigan	42.48	42.68	Washington	42.40	42.7
Minnesota	42.82	42.66	West Virginia	42.10	42.2
Mississippi	42.02	42.18	Wisconsin	42.38	42.2
Missouri	42.38	42.32	Wyoming	42.82	42.6

can be obtained from Communications Research Bureau, P.O. Box 56, Commack, N.Y. 11725. A catalog and price list for frequency surveys available will be sent free upon receipt of a stamped, self-addressed envelope.

To get you started, COMMUNICATIONS WORLD has compiled the following lists of selected—and there are many more—metropolitan and state police frequencies from listeners' reports and official sources.

Next you must decide if you want a tunable set, or one which will bring in only certain fixed frequencies, or one that combines both features. If you prefer scanning the band, or live in a large metropolitan area with many police agencies, perhaps the tunable model is for you. If you prefer to lock in on just a few frequencies used in your area, a crystal-controlled, fixed-tuned set may be what you want.

From a listener's standpoint, tuning frequency-modulated police band signals is much like dialing a shortwave set. Slow and easy does it! Usually the transmissions are very short, perhaps only a few seconds long. So you have to be able to pinpoint your tuning to the right frequency and wait for a signal, or be lucky enough to catch a brief snatch of

METROPOLITAN POLICE FREQUENCIES (mHz)

New York City	151.37	San Antonio	155.37	Oakland	156.37
Chicago	158.88	San Diego	158.73	Ft. Worth	158.73
Los Angeles	155.86	Seattle	155.01	Birmingham	185.85
Philadelphia	154.65	Buffalo	155.58	Oklahoma City	159.03
Detroit	156.09	Cincinnati	158.85	Rochester	156.21
Baltimore	154.65	Memphis	159.03	Toledo	158.79
Houston	154.86	Denver	158.91	St. Paul	159.09
Cleveland	155.01	Atlanta	155.62	Norfolk	155.64
Washington D.C.	156.03	Minneapolis	154.74	Honofulu	155.13
Milwaukee	156.03	Indianapolis	155.01	Miami	155.19
San Francisco	155.55	Kansas City	154.86	Akron	156.2
Boston	158.97	Columbus	154.71	El Paso	155.2
New Orleans	155.31	Newark	156.21		
Pittsburgh	157.03	Portland	156.15		

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communications as you tune across the band.

It's all a bit easier if you use a fixed-tuned receiver equipped with a crystal-controlled local oscillator. While crystal permits reception of only one predetermined channel, changing frequency means you have to switch to another crystal in the receiver. With a fixed-tuned set it's just a matter of turning on the receiver, switching the channel selector to the crystal frequency you want, and waiting for those calls. Some receivers offer the best of both tuning worlds. They're tunable across the entire band, but also have provisions for switching to one or more crystal-controlled channels.

A major factor in selecting equipment is cost, right? You can spend as little as \$15, or as much as the budget will allow, say a half a kilo-buck or more. At the low end of the price scale are the police band converters. A converter isn't a complete radio. It changes the VHF frequency to one which can be utilized by your regular AM receiver to produce audible signals. It's cheaper, of course, because it's relatively simple and uses fewer parts. A good share of the work is done by the AM radio's "innards." There are tunable and fixed-frequency converters.

The cheapest converters are tiny, ninevolt battery-powered units with their own miniature whip antennas. Simply placed beside an AM radio—no electrical connections necessary—they work fine for local police calls. There are several Japanese-made brands selling for around fifteen bucks.

For a little more money, there are tunable converters. One such example is the Tunaverter, manufactured by Tompkins Radio Products and distributed by Herbert Salch and Co. They use a small, internal battery and are mainly for in-car operation, working in conjunction with your auto radio. Also intended for mobile monitoring are Midland International's Models 13-270 (low band), and 13-272 (high band). Both are priced at under \$50, and they use the automobile's 12 volt power supply and AM radio to detect the signal.

Considering full-fledged VHF receivers, not converters, one of the smallest is the Courier COP, with high or low-band option. It is a small, battery-operated, hand-held set with three crystal-controlled channels. As a bonus, it also covers the regular 540-1600 kHz Broadcast band. It is priced at under \$35, but crystals, as with most fixed-tuned sets, cost extra.

Hallicrafters has two new pocketportable receivers, called, respectively, Portamon CRX106 (27-50 MHz) and CRX107 (144-174 MHz). These are tunable receivers, and attractive ones at that. The price of either is \$39.95.

The cost of a police band VHF receiver usually depends on the number of extra goodies it offers. One such re-



Here's a fellow who has his shortwave cake, and eats it too! An active SWL hobbyist and editor of a column in a radio club bulletin, Anthony Marks is a busy man. This LaGrande, Oregon listener does his band hopping on a Realistic general coverage shortwave receiver.

finement found on most rigs except the very inexpensive receivers and converters, is the squelch control. Squelch is a receiver silencing device that allows sound to be heard only when a signal is actually being received. Unless you enjoy listening to a lot of static, they're awfully nice to have! CBers are familiar with squelch, but because this electronic refinement isn't found on most shortwave communications receivers, many DXers haven't got the slightest idea what the squelch control does.

Police calls are a sometimes thing. Minutes will often pass without a transmission. Without a squelch circuit, you'll have to pass the time listening to nothing but annoying noise. But, if your set has a squelch circuit, you'll hear the calls when they're transmitted, not the background noise between transmissions.

Another refinement is the band scanner. It combines the best features of a tunable and a fixed frequency set. Scanner receivers are crystal controlled, all right, but automatically, and almost instantaneously, the receiver switches from channel to channel, sweeping those frequencies for a signal. When it comes across one, it locks in. When the call is completed, the circuit again begins scanning for another.

A scanner receiver offers the precision tuning of crystal control, with the ability to keep tabs on up to eight different channels automatically. For the "showboater" who likes to impress visitors in his radio den, there are plenty of little blinking lights as the receiver sweeps across the channels.

Let's take a look at some of the VHF monitor receivers available on the market today.

Lafayette Radio Electronics—Lafayette's Micro P-50 (low band) and P-100 (high band) feature ceramic mechanical filters for selectivity, squelch circuit, manual tuning, plus two crystal-controlled channels. It can be operated on 117 VAC, or 12 VDC, and costs \$69.95.

Model PF-200 is for 117 volt operation and like the units above, is of completely solid-state (transistorized) design. It has squelch, like most of the other receivers following, and it is tunable with four crystal-controlled channels, too. Its biggest plus is that it covers both 30-59 mHz. and 152-174 mHz. ranges with two

separate funing dials. It sells for under \$100.

Allied Radio Shack—Both police bands are covered in the A-2589 model, selling for \$79.95. It is for 117 volt operation and is all solid state.

The Patrolman PRO-2 uses both tubes and transistors in its circuit and also receives stations on both high and low bands. You can use the two crystal fixed channels or tune the dial as you wish. A handsome receiver, the PRO-2 can be operated from house current or from your car's 12 volt supply. It has a color coded (to indicate which band is being used) slide rule dial.

Electra Corporation—Gaining many fans, the Electra Bearcat sells for under \$150, depending on the model. One rig tunes the low band, one the high, and still a third the 450-460 mHz UHF area. The Bearcat's scanner whips across eight crystal-fixed channels, over and over, until it finds a signal. Then it locks there and the transmission breaks through the squelch. It's built for 117 VAC, and sports its own built-in whip antenna.

Courier Communications—Priced about the same as the Bearcat is Courier's COP-75 "Auto-Scan." As the name indicates, the COP-75 has a scanning device and eight crystal-controlled channels, which are swept across once every second. It covers the high VHF band.

Fanon Electronics—Fanon's entry in the automatic scanning, VHF high-band category is the APO-75. Like the other "scanner" receivers, the listener, if he wishes, may flip a "defeat" switch to deactivate the frequency sweeping and concentrate on only one channel. It, too, is priced at \$149.95.

Midland International—Midland's Model 13-920, while not a scanner-type rig, has a lot to offer. It covers both the VHF (30-50 and 148-174 MHz) and UHF (450-470 MHz) ranges. Its design is solid state and crystal controlled. Costing about \$180, Midland's Model 13-920 can be operated on either 117 VAC or 12 Volts DC.

Regency Electronics, Inc.—Regency has two models which will interest the VHF/UHF listener. One operates on the VHF high band, the other in the 450-470 MHz UHF band. Both are crystal-

COMMUNICATIONSORLD

controlled and automatically scan the eight selected frequencies. They'll work equally well in the home or in the car. The VHF model, TMR6, costs about \$140; the UHF unit, twenty bucks more.

Petersen Electronics, Inc.—Petersen is one of the old reliable names in the field of VHF/UHF monitor receivers. They have quite a line-up of receivers at various prices. For about \$75 you can get the RM2-4, with four crystal sockets. Depending on the "rocks" you select, you can have your pick of frequencies between 2000 kHz in the shortwave range, and 200 MHz. If you want other refinements, there are models in the higher price brackets, too.

Unimetrics, Inc.—This firm makes a tunable high band set called the Minicom, with a pair of crystal-fixed frequencies. It's priced at about a hundred bucks, and can be powered by

house or car battery.

Hallicrafters—Here's one of the best known names in the receiver field. Many DXers are familiar with Hallicrafters' shortwave receiver line, and many a fan of the original-police-band era probably cut their teeth on a Hallicrafters monitor. A current favorite in the low-medium price bracket is its Civic Patrol. The CRX103A tunes 30-50 MHz, while the CRX105A covers 144-174 MHz. They go for a mere \$59.95.

Sonar Radio Corp.—If you're a powerboat owner, chances are you've heard of the Sonar line of marine electronic equipment. The company also makes a VHF rig called the Auto-Scan FR2515. It'll run you about \$190. The FR2515 scans eight fixed channels, and has lots of other goodies to recommend it.

Some of the sets mentioned come equipped with their own whip antennas, which work pretty well for around-town listening. Or cut a length of wire, mounted vertically, about 18 inches long for the VHF high band stations; 72 inches or so for the 30-50 MHz. frequencies if you don't have an antenna and you've got to get you rig working in a hurry.

Better still, if you want good distance reception, buy a ground plane or coaxial type antenna. Mount it as high as possible. A colinear antenna is great for the 150-174 MHz. band. Best yet, on either band, is a beam antenna which will add gain to the received signal. Now add a rotor so you can point the antenna towards the incoming signal and you'll hear even more distant stations! Needless to say, the fancier the antenna, the more it will cost. Your local radio supply dealer who handles police receivers will tell you what others are using and what works best in your area.

OTHER VHFERS

Before we get away from the Very High Frequencies, it should be noted that the police services aren't the only inhabitants of these channels. The other municipal uniformed services, the fire-fighters, often use channels in the same area of the RF spectrum.

In New York's borough of Queens, for example, the fire department station,



"Thank you for a fine magazine," writes Robert Zilmer. Bob is a member of the American Short Wave Listeners Club, so he writes. A citizen of Milwaukee, Wisconsin, Bob does his tuning with Drake receiver models 2-C and SPR4. Also seen in the picture is a cassette tape recorder Bob uses to help him remember details when he sends in his reports to shortwave stations. Above both rigs is a 24-hour time keeper, useful in any DX shack.

KEB526, uses 154.40 MHz. Station KGA611, in the District of Columbia, transmits on 154.19 MHz; the same channel used by Omaha's firefighters.

For some communities, police and firemen share a frequency. In others, they use separate wavelengths, often not far

apart.

Cab dispatchers, security and armored car firms, railroads and other specialized services also use the VHF high band. Your community's highway department, local power and gas utilities, truck lines and local businesses, to name a few, can be heard with two-way communications on the 30-50 MHz. band.

One of the more useful services, as far as DXers are concerned, is that provided by the National Weather Service. Transmitters beam weather information across the country on the same frequency (162.55 MHz.) to broadcast continuous weather forecasts. New York's NWS station KW035 is but one example of this service.

While two-way radio is the rule on VHF, there's a unique one-way system that's attracted the attention of some listeners in recent years. It's called radio paging. The idea is simple enough. Say a doctor decides to shoot a round of golf some sunny Wednesday afternoon, but wants to be available for emergency calls. What does he do?

Doc totes a tiny paging receiver in his golf bag. If an emergency arises, a hospital staff member dials the phone number of the local radio paging center. The center's operator sends out an individually coded beep on VHF radio, alerting the physician that he's wanted in surgery.

Some systems use only a tone signal, indicating to the subscriber that he should make a beeline to the nearest telephone to find out what's up. Other paging systems allow the operator to give voice instructions to the person

paged.

There are several hundred paging stations around the U.S.A., the biggest operation is AT&T's Belboy service. Those services that use voice announcements often use names such as Air Page, Radio Paging and Aircall. Most operate around 35 MHz. Transmitting stations in Montgomery, Ala., and Orlando, Fla., for instance, use 35.22 MHz.

In Houston and Honolulu, Denver and Long Beach, the frequency is 35.58 MHz.

Though not mentioned previously, there's yet another VHF band that offers interesting listening. It's used by airport control towers communicating with inbound and outgoing planes. This service uses AM, not FM. You'll have to invest in additional equipment, but there are a number of relatively low priced, battery-powered, solid-state sets on the market which will tune the aircraft band.

The frequencies fall between 108 and 136 MHz., but most of this jet set action will be found from about 118 to 126 MHz. Because of their altitudes, you may be able to hear airborne planes some distance away. For the ground stations, however, the reception range is short, as with the other VHF services. When trouble is brewing, monitor 121.5 MHz. It's the International Aircraft Distress Frequency.

THE MARKETPLACE

Want more information about the VHF equipment we've reviewed? Here are the names and addresses of some of the manufacturers and sellers of these products. Also see the *Literature Library* page in the back of COMMUNICATIONS WORLD.

Allied Radio Shack Corporation 730 Commonwealth Avenue Boston, Mass. 02215

Lafayette Radio Electronics 111 Jericho Turnpike Syossett, N.Y. 11791

Electra Corporation Cumberland, Ind. 46229

Courier Communications 100 Hoffman Place Hillside, N.J. 07205

Fanon Electronics 100 Hoffman Place Hillside, N.J. 07205

Sonar Radio Corporation 73 Wortman Avenue Brooklyn, N.Y. 11207

Hallicrafters Company 600 Hicks Road Rolling Meadows, III. 60008

Midland International Corporation 1935 N. Vernon Street Kansas City, Missouri 64116

COMMUNICATIONS ORLD

Unimetrics, Inc. 23 West Mall Plainview, N.Y. 11803

Petersen Electronics, Inc. 2800 West Broadway Council Bluffs, Iowa 51501

Regency Electronics, Inc. 7900 Pendleton Pike Indianapolis, Ind. 46226

Herbert Salch and Company Woodsboro, Texas 78393

SHORTWAVE ACTION

Not all police radio frequencies are in the VHF and UHF ranges. You can still get a piece of the action if you've only got a shortwave receiver.

Back 20 years ago, you'd have found hundreds of municipal police departments and county sheriff's offices on the frequencies just above the regular AM radio band, around 1600 and 1700 kHz. Old timers recall when this was the police band. Though most law agencies have opted in recent years for the higher frequencies, some still can be found on these low channels.

Deputies in the California communities of San Rafael, Napa and Crescent City operate on 1610 kHz. Other frequencies used by California officers include 1658, 1690, 1714, 1722 and 1730 kHz. A few cities in the Boston area also use 1714 kHz. for local police communications,

while a number of Nevada counties still operate on 1634 kHz.

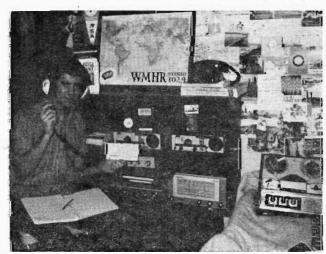
The Tennessee Department of Safety has stations in Chattanooga (KIC360), Knoxville (KIC358), Huntingdon (KIC359) and Cookeville (KIB690) on 1618 kHz. KQB569, a control station of the West Virginia State Police in South Charleston, uses 1626 kHz., as do other stations in the net, KQA698, Elkins, and KQB568, Romney. You might hear KCA-999, the New Hampshire State Police transmitter at Concord, calling KCB538, Lancaster, N.H., on 1682 kHz.

Moving up the shortwave dial, you'll find a number of law enforcement agencies, most of them state police operations. You'll need to know CW (code) to log most of them, but some do operate single sideband transmissions.

Some 84 different stations transmit on 2804 kHz, including the six station network of the Ohio Highway Patrol. Its outlets include KQB57, Cleveland, KQB-59, New Albany, KQB60, Massillon, KQB61, Wilmington, KQB62, Cambridge, and KQB63, Findlay.

The West Virginians, KQB64, Elkins, KQB74, South Charleston, and KQB75, Romney, plus 83 others elsewhere in the country, use 2808 kHz.

The Indiana State Police stations at Charleston, Chesterton, Jasper, Ligonier, Pendleton, Putnamville, Seymour and West Lafayette, can be heard on 5195 kHz. On the same frequency, Illinois State Highway Police transmitters at Elgin, Effingham, DuQuoin, Chicago, Springfield and Macomb operate, too.



Martin Martelle, of Sarnia, Ontario, Canada, bills himself as "The Happy Listener." Martin's listening gear includes a Hallicrafters 5-38D receiver, a Heathkit Trio Jr.-200 receiver, a Lafayette VHF monitor, and various types of Citizens Band equipment. Considering the number of QSL cards displayed on Martin's DX shack's wall, The Happy Listener must also be known as The Avid Listener.

Other zone and interzone police frequencies to try are 5135, 7480 and 7935 kHz.

● FOREIGN FUZZ

Police work is international in scope, so why limit your loggings to Stateside law agencies? North of the border, for example, the Royal Canadian Mounted Police makes extensive use of shortwave communications.

The Mounties were formed way back in 1873, to bring law'n'order to the prairie frontier from Manitoba to the Rockies. Today, though, RCMP operates Canada-wide and is responsible for federal security and the enforcement of provincial laws in all areas except Quebec and Ontario.

Except for ceremonial occasions, gone are the scarlet tunics and "Smokey-the-Bear" hats. Gone, too, are the horses and dog sleds of the past. They have been replaced by squad cars, airplanes and patrol vessels. RCMP is a fully modern police force, with the latest in crime detection lab facilities and radio communications.

Among the Mounties' shortwave channels are 4475, 4775, 4785 and 5445 kHz. Most stations use CW, and are low powered—around 30 to 50 watts only. The most exotic, and hardest to hear, are those in the far northern Yukon and Northwest Territories, where the Mounties serve as the only police force. These include XJE77, Old Crow, and XJD80, Herschel Island, in the Yukon, and XJD37, Pond Inlet, XLD34, Pangnirtun, and XJE78, Grisefiord, in the Northwest Territories. Reception of these would be extremely rare in the U.S.

More likely to be heard are the more powerful stations closer to the border, ones like XJA43, Vancouver, Br. Columbia, XLQ35, Geraldton, Ontario. XJE40, Calgary, Alberta, and XJE, Regina, Saskatchewan, where the RCMP maintains a training camp.

The RCMP station, XJE57, at Alatamonte, Ontario, operates with 1.000 watts on 4.785 kHz. This same station, transmitting on other frequencies, is Canada's link with INTERPOL, the international police organization.

• INTERPOL

Watch the Late Show flicks? Then you know all about INTERPOL! Seems there's always a very Gallic inspector

INTERPOL FREQUENCIES

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Ē	kHz	Location	Call	Ē		
Ē	4632.5	Algiers, Algeria	7RA20	蒷		
1		Helsinki, Finland	OGX	Ē		
Ē		Paris, France	FSB53	Ī		
Ē		Stockholm, Sweden	SHX	Ξ		
Ē		Wiesbaden, Germany	DHA33	Ē		
Ī		West Wickham, England	GMP	₫		
Ē	6792	Beirut, Lebanon	ODW21	Ē		
Ē		Paris, France	FSB54	Ē		
Ē		Tel Aviv. Israel	4XP40	Ē		
1		Utrecht, Netherlands	PDB2	Ē		
3	7532	Brussels, Belgium	ONA20	Ē		
Ē	7002	Oslo. Norway	LJP27	┋		
i		Paris. France	FSB55	Ē		
Ξ		Rome, Italy	IUV81	Ē		
1		Vienna, Austria	OEQ	Ē		
Ē		Zurich, Switzerland	HEP	Ξ		
Ī	9200		00100	Ē		
Ē	3200	Lisbon, Portugal Paris, France	CS166	Ē		
Ē		Rabat, Morocco	FSB56	Ī		
Ē	10000		CNT XJE57	Ī		
Ī	10390	Altamont, Canada	OWS4	Ē		
Ī		Copenhagen, Denmark	EEQ	Ē		
1		Madrid, Spain	FSB57	Ξ		
Ī		Paris, France	PYZ2	Ī		
1		Rio de Janeiro, Brazil	3VA	Ē		
	444475	Tunis, Tunisia	3 V A			
Ē	14817.5	Ankara, Turkey	TCC2	Ī		
Ī		Caracas, Venezuela	YV23	┋		
Ī		Buenos Aires, Argentina	AYA48	Ī		
Ĩ		Ottawa, Canada	XJD48	Ē		
Ē	18380	Bogota, Colombia		Ī		
Ī		Mexico City, Mexico		Ē		
Ī		Paris, France	FSB60	Ī		
1		Teheran, Iran		┋		
Ĩ	19360	Manila, Philippines		Ē		
₫		Paris, France	FSB62	₽		
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slipping aboard the Orient Express to trail the international spy halfway across the Continent, clapping him in handcuffs just as he's about to hand over the secret missile plans to Peter Lorre in Istanbul! But that's not how it is at all. Interpol doesn't make arrests. This is left to the criminal police of the 103 affiliated nations. And the Paris-based organization stays away from political activities.

Interpol's job is to serve as a clearinghouse for information about criminals, (but not spies) who operate internationally, and whose crimes affect more than one country. With these functions, speedy, world-wide communications is a must.

Interpol has its own extensive shortwave radio network, the central control station of which is located just outside Paris in the suburb of Saint-Cloud. The network uses at least 18 different shortwave frequencies to link each of the designated law enforcement agencies in the

COMMUNICATIONS ORLD

affiliated countries. In Canada, of course, it's the RCMP; in England, the metropolitan police at London's New Scotland Yard; in the United States it is the Treasury Department in Washington.

If you can "read" CW, you can log the Interpol stations. But don't expect to get the inside dope on an international narcotics ring or a million dollar jewel robbery. Interpol messages also are carefully enciphered. You can, however, hear these transmissions and determine the stations' locations. You'll have to give your imagination a free hand from there on, though.

You may hear PYZ2, Rio de Janeiro calling FSB57, Paris, around 10390 kHz. Or the headquarters station, FSB56, calling Washington on 9200 kHz. And, while virtually all Interpol messages are sent by CW, there's an outside chance you may hear voice communications on the Paris-Buenos Aires circuit, 7532 kHz.

Interpol's channels range from 2593 to 24110 kHz, but the most active seem to be 4632.5, 6792, 7532, 9200, 10390 and 14817.5 kHz. Also try a few kilo-Hertz on each side of these frequencies. Some of the rarer Interpol outlets have been logged on 18380 and 19360 kHz., as well.

For starters, try tuning the Interpol net on 10390 kHz., around 0800 GMT and later.

• GI DX

Of all the various utility transmissions, it shouldn't come as too big a surprise that a great many of them are linked to military establushments around the world. But, because of security restrictions, probably less is known about military radio operations than about any other type of radio service.

The U.S. Armed Forces, the Army, Navy, Air Force, Marines and Coast Guard use literally thousands of frequencies. In fact, you're apt to find GI stations almost anywhere in the radio spectrum, from sub-chasing VLF beacon transmissions to secret sattelite transmissions 'way up in the gigaHertz.

Most commonly heard are point-topoint links. Point-to-point, a term that will be cropping up again later in civilian context, is exactly what the name indicates; the radio transmission of messages from one point to a specific distant point, somewhere in the world.

Don't expect to hear field communications from combat areas in South East Asia. While, during World War II, it was occasionally possible to tune battlefield communications from North Africa and elsewhere, today's communications gear and frequencies are deliberately designed for short range coverage.

The Army operates a number of point-to-point stations that are easily and frequently heard by DXers. One of the main transmitters operates with the appropriate call letters, WAR, and is located at the Pentagon in Washington, D.C. It has been reported on many frequencies, including 3347, 6992.5 and 14405 kHz. Two Army stations which serve as relay



John T. Soneff, Jr., a
Louisiana DXer, does his
listening on a Hammarlund
HQ180A receiver.
Obviously, John records
much of his shortwave
listening activity. Like any
other DXer, John also
makes use of his 24-hour
wall clock, an indispensable
accessory for logging weak
stations located on the
other side of the Earth.



One of the biggest users of radio frequency spectrum space are the military agencies of every established government. Uncle Sam is no slouch in taking his share of the spectrum pie; the U.S. military services use vast numbers of assigned shortwave frequencies for their own communications purposes. Many of these transmissions can be logged by DXers. Air Force monitors record and transcribe incoming signals.

points for military messages are AAJ at Ft. Leavenworth, Kansas, and WAR2, at Ft. Bragg, North Carolina.

DXers also occasionally report reception of Stateside and overseas transmissions from stations of the Army's Strategic Army Communications system, including AEA in West Germany, AED22 in Italy, ABA in Hawaii, ABE on Eniwetok Island, ACA in the Canal Zone, ADK in Vietnam, ADD on Okinawa, AEZ in Ethiopia, ADH in Taiwan and ADL in Thailand.

Other Army point-to-pointers are ACE, the U.S. Army Caribbean Signal Agency at San Juan, Puerto Rico, and AAE60, the Defense Atomic Support Agency at Sandia Base, New Mexico. And, of course, there are many more.

The Navy also has its point-to-point stations, the chief ones being NSS, Washington, D.C., NPG, San Francisco, and NPM, Pearl Harbor, Hawaii. NSS has been known to use 3385, 7385, 14400, 15737.5 and 21500 kHz, which the San Francisco operation has been logged at various times on 4005, 7495, 12966, 13975.5, 17055 and 20954.5 kHz.

Other Naval radio installations are NNI, Naples, Italy; NST, Londonderry, Northern Ireland; NPN, Guam; NQM, Midway Island; NRR, Roosevelt Roads, Puerto Rico; NUD, Adak, Alaska; NWU, Bermuda; NPO, San Miguel, Philippines and others.

Navy vessels often identify by ship name, rather than call letters. The aircraft carrier USS Coral Sea can be heard identifying simply as "Coral Sea," for instance. Naval aircraft, like many other military flights, identify with a five digit number.

One problem facing DXers is the frequent use of special tactical calls by military stations. Maybe you've already run across stations identifying themselves by names such as Buttercup or Orange Juice. For security reasons, many of these tactical identifiers are changed frequently and the stations using them are seldom, if ever, disclosed.

Some of the Navy's identifiers have been used for so long that they can't really be considered secrets any more. Toreador, supposedly, is used by the Naval Operational Radio at San Francisco. Ivanhoe is a name used by a Norfolk, Virginia, Navy station, while Tophand is located either at Washington or Annapolis, Maryland. Raspberry is an identification used by a Naval aviation network. Raspberry Miramar, for example, is lo-

PHONETIC ALPHABET

20000000000000000000000000000000000000					
A = Alfa B = Bravo C = Charlie D = Delta E = Echo F = Foxtrot G = Golf H = Hotel J = Juliet K = Kilo L = Lima M = Mike U.S. Naval and Coast Gu	N = November				
■ B = Bravo	0 = 0scar				
\mathbf{E} \mathbf{C} = Charlie	P = Papa				
$\mathbf{\bar{E}}$ D = Delta	Q = Quebec				
E = Echo	R = Romeo				
F = Foxtrot	S = Sierra				
$\mathbf{G} = \mathbf{Golf}$	T = Tango				
H = Hotel	U = Uniform				
	V = Victor				
≣ J = Juliet	W = Whisky				
K = Kilo	X = X-ray				
〖 L = Lima	Y = Yankee				
≣ M ≔ Mike	Z = Zulu				
U.S. Naval and Coast Guard stations are assigned call					

COMMUNICATIONS ORLD

cated at the Miramar Naval Air Station, California, and Miramar Jax is at the Jacksonville (Fla.) Naval Air Station.

The US Coast Guard also uses call letters beginning with the letter "N", just like the Navy. Because the Coast Guard has facilities along the Great Lakes, as well as on the Atlantic, Pacific and Gulf coasts, these stations are frequently logged by listeners. A good frequency to watch is the prime marine channel, 2182 kHz.

Three letter calls designate major Coast Guard stations, such as NMY, near New York City, NMA, Miami, NMF, Boston, NOW, Port Angeles, Washington. USCG cutters and lightships carry four letter calls, while smaller shore-based stations and lighthouses use the three-letter call of their headquarters, plus one or two digits. Thus, stations at Southwest Passage and Grand Isle, Louisiana, adopt the letter call of the New Orleans transmitter, plus their own digit identifiers, becoming NMG5 and NMG15, respectively.

The Air Force, too, has its main Pentagon station, AIR, which has been reported operating on 3397.5, 7315 and 13995 kHz. at times. Other Air Force ground communications operations are AFJ, Kindley AFB, Bermuda; AGA, Hickam AFB, Hawaii; CUW (one of the few military stations using other than

"A" or "N" prefixes), Lajes AFB, Azores; AJA, Wiesbaden, West Germany; and AIC, Clark AFB, Philippines.

Stateside bases have their communications outlets too. They include AFA3, Andrews AFB, Maryland; AKA5, Elmendorff AFB, Alaska; AFG37, Scott AFB, Illinois; AFE8, MacDill AFB, Florida; AF12, McClellan AFB, California; and AFE45, Keesler AFB, Mississippi.

As is the case with the other service branches, the Air Force also uses tactical call identifiers. Skyking is used by the Strategic Air Command headquarters at Offutt AFB, Nebraska, apparently for contacting our airborne fleet of B-52 bombers. Looking Glass and Migrane and Outwave are other Air Force calls, probably also used by SAC. Frankly, though, DXers should realize that they don't have much of a chance of identifying the tactical call stations.

Most military aircraft communications will be found in the following kilohertz bands: 3025-3155, 4700-4750, 5680-5730, 6685-6765, 8965-9040, 11175-11275, 13200-13260, 15010-15100 and 17970-18030.

Most U.S. military communications now make use of the single sideband mode.

FOREIGN SERVICES

Besides the plethora of U.S. military outlets, there is a host of foreign armed forces stations to XD. The only hitch is that most of them use Morse Code. If CW doesn't scare you, here's a sampling of what you can log.

Canada's military has a number of



Could there be a more appropriate name? Robert Bruce is a native of Angus, Scotland. Bob, who is a postman, belongs to the North American Short Wave Association. His receiver is a British Eddystone 940.

Air Force and Navy transmitters at home and abroad. St. John's (Newfoundland) Military Radio, CHA, sometimes works CHR, Trenton Air Base, Ontario, on 11265 kHz. This channel also is used by the Royal Canadian Air Force station at Lahr, West Germany. Or try CFH, Halifax, Nova Scotia, and CKN. Vancouver, British Columbia, on 17218.5 kHz. Canadian military aircraft sometimes identify with four-digit calls, and sometimes with letter combinations such as VCAAN.

Though Britain's overseas defense commitments are shrinking, you still can find numerous military transmissions. Two RAF operations, GXX, Bahrain, and MRU, Salalah, both in the Persian Gulf area, may be heard on 11173 kHz at times. The Royal Navy has a station at Whitehall, London, which has been reported by some listeners on 8502 kHz. It also is represented by Naval transmitters at such places as Gibraltar, Singapore and Mauritius in the Indian Ocean. GZC4, at Vacoas, Mauritius, has been reported operating on 11212 kHz.

France's giant aircraft carrier, Jeanne d'Arc, uses the call letters FAMJ. French shorebased Naval stations include FUF, Fort de France Martinique, which you may find on 13035 kHz, and FUM, Tahiti, and FUJ, New Caledonia, on 11212 kHz.

Air Force and Navy transmitters at AERONAUTICAL BANDS (kHz)

16051800*	5450 5730
2000—2065*	6525— 6765
2106-2300*	8815— 9040
2300-2500*	10000—10100
2500—2850*	11175—11400
2850-3155	13200—13360
3155-3200*	15000—15100
3200—3230*	17900—18030
3400-3500	21850—22000*
3500-4000*	23200—23350*
44384650*	27500—28000*
4650-4750	29700-44000*
aldfood framone band	

Boldfaced frequency bands are exclusively assigned by the International Telecommunications Union for a by the International Telecommunications by the commercial airlines. Bands marked with asterisks are shared with other types of radio services.

So, pick your navy! Want to try logging New Zealand's? How about ZLP5, Irirangi, 12943.5 kHz? Or, how about Portugal's? There's CTV, Monsanto, Portugal, or CTD22, Ponta Delgada, Azores. A Danish Naval station is OVG, 8148 kHz., at Frederikshavn. The West German Navy's DHJ59 may be found on 8494.5 kHz. The Israeli Navy operates 4XZ from Haifa and IDR8 is the call of the Rome-based outlet of the Italian naval forces.

One of the southernmost stations you're ever apt to log is CCM, operated by the tiny Chilean Navy from Magellanes at the tip of South America. Try 8510 kHz. And the Argentine Air Force's

AERONAUTICAL WEATHER (VOLMET) TRANSMISSIONS

200000		enumme.	anniminani	emmin	DIMIUMO	0.0111111111111111111111111111111111111	
	Aeradio Station	Times	(minutes	past	each	hour)	Frequencies—kHz
	New York San Francisco, (Oakland) Anchorage, Alaska	:15 :05 :20	:45 :35 :55				3001,5559,8828.5,13264.5 2980,5574,8905 2980,5574,8905
	Gander, Newfoundland Shannon, Ireland	:20 . :00 :30	:25 :05 :35	:50 :10 :40			3001,5559,8828.5,13264.5 3001,5559,8828.5,13264.5
	Asuncion, Paraguay Buenos Aires, Argentina	:05 :25					8905 5544
	Brazzaville, Congo	:15 :45					5524 8862.5,11385
	Dakar, Senegal	:15 :45					5596.5 8896.5,11385
	Cairo, Egypt	:20 :25 :50					3001 5559 8828.5
	Paris, France	:25 :55					2917 554 4 ,10066
	Tokyo, Japan Hong Kong Calcutta, India	:10 :15 :00	:40 :45 :30				2980,5574,8905 2980,5574,8905 2924,6529.5,10048
	Bangkok, Thailand Karachi, Pakistan Singapore	:10 :15 :20	:40 :45 :50				2,924,6529.5,10048 2924,6529.5,10048 2924,6529.5,10048

COMMUNICATIONS ORLD

LOB8 at El Rincon on occasions transmits on 6762 kHz.

• UP, UP AND AWAY

Switching from khaki to mufti, you'll find plenty of DXing on the aeronautical frequencies. It's fascinating to tune in on the jet set—the world's commercial airlines.

Domestic aero communications can be found on the VHF band as already mentioned. But on the shortwave frequencies, you'll find the transmissions of overseas and transoceanic flights. These include several different types of communications, including air-to-ground (and vice versa) operations and aeronautical weather broadcasts.

Commercial jet flights transmit position reports, usually once per hour, during long overseas crossings. These usually consist of flight identification, geographical position at the time of transmission, the time, flight level or altitude, the time and place of the next scheduled reporting, fuel reserves and perhaps a word about weather encountered en route.

Positions are given in terms of the



Frank Barratt, who lives in Ste-Foy, Quebec, is a serious DXer who uses a trio of rigs; a Drake SW4, Hallicrafters SX130, and a Zenith Transoceanic.

geographical coordinates, degrees and minutes of latitude and longitude. With a map you can pinpoint the plane's location. Times are reported in Zulu time, which is, simply, Greenwich Mean Time (GMT). You also may hear references to "ETA," which means the estimated time of arrival at a stated point.

The ground communications stations can be heard acknowledging these position reports, advising the captain of last minute weather information, or passing along data on flight congestion at the

airport destination.

The globe is divided into zones and each zone is assigned certain groups of frequencies which are used by aircraft operating on routes passing through these regions. In addition, even within a particular zone, different channels may be used by planes flying in opposite directions. On the North Atlantic run, for instance, eastbound flights use certain frequencies, westbound use others. Northbound planes and those headed south on certain airlanes operate on different wavelengths.

Most of these are voice communications (AM or SSB) but some, especially Russia's commercial Aeroflot operations, use CW.

Usually aircraft identify by company name and flight number; Braniff 187, Quantas 581, Alitalia 799, or Cubana 477. Some lines use special flight names

MARINE RADIO BANDS (kHz)

113143314463111111111111111111111111111	
2065-2105	8195- 8815
4063-4438	12330—13200
6200—6525	16460-17360
22000-	-22720

These are frequencies exclusively assigned for marine use by the International Telecommunications Union, though some broadcast stations have encroached on the frequencies above 6200 kHz. In addition, marine stations can be found on frequencies between 1605 and 4650 kHz, and between 23350 and 44000 kHz, though these are officially shared with other types of services.

Most shortwave shipboard stations can be found in the following frequency ranges:

2065—2105 8325—8475 4180—4235 12475—12710 6240—6355 16625—16950 22150—22395

Most coastal stations can be found in the following frequency ranges:

2000—2065 8475— 8750 4250—4400 12700—13130 6360—6525 16950—17300 22400—22675

AERO FREQUENCIES (kHz) FOR MAJOR WORLD AIR ROUTE AREAS

North Atlantic 2868 2931 2945 2987 5610 5624 5638 5673 8854 8889 8910 13288 13328 13352 17966.5 South Atlantic 2875 3432 6597 6610 8882 10049 13344 17946.5 Caribbean 2875 2952 2966 5484 5568 6540 6561 6568 8840 8959 10017 11343	S. America (east)	North Pacific	Far East
2868	2910	2910	2868
2931	3404.5	5589	2987
2945	5566.5	8938	5624
2087	5581 5	13264	5645
5610	5502	17000	9940
2010	9945 5	1/909	0040
5624	8845.5	Central E. Pacific	8868
5638	8847	3467	13288
56/3	88/2	5551.5	13312
8854	11327	5554	17965
8889	13320	5603	
8910	17916.5	6679 5	Middle East
13288		0075.5	3404
13328	S. America (west)	9970 E	3446
13352	3880	00/5.5	5440
17066 5	2009	8930.5	5603
1/300.5	4696	8931	6624
South Atlantic	6666	11299.5	884/
2875	8826	13304.5	10009
3432	11343	13334.5	13336
6597		13336	
6610	Europe	Central W Pacific	Africa (east)
8882	2910	2806	2966
10049	2/67	1675	3/81
13344	4690	EEOE	5505
17046 5	4009	5505	CE 40
1/540.5	5554	6631	0540
Caribbean	6568	8854	9301
28/5	6582	11303	8959
2952	8875	13296	10025
2966	8930.5	17909	13280
5484	8931	South East Asia	13336
5568	8871	2987	
6540	11303	5673	Africa (west)
6561	11000	9927	2/11
6569	South Pacific	0007	5510
0000	2045	0000	0000
8840	2945	8882	0020
8959	5638	10049	13304
1001/	8847	13344	
11343	13304	17946.5	

such as Speedbird (British Overseas Airways), Clipper (Pan Am), Shamrock (Irish International Airline), and Empress (Canadian Pacific Airline).

What sort of things can you hear on the aero channels? How about Ethiopian 705 calling the control tower at Mogadishu, Somalia on 8959 kHz? Or Sabena's (Belgian) transpolar flight working the ground station at Churchill, Manitoba? Or, on CW, Aeroflot's flight 75460, RVULS, in contact with Moscow's RFNV or COL, Havana?

Another aeronautical service worth mentioning is the VOLMET transmission. These broadcasts provide regular weather information for airborne planes on regular, hourly or half-hourly, schedules on certain fixed frequencies. These are not two-way transmissions, but general (though special service) broadcasts which provide meteorological data for many major airports along

flight routes. VOLMET transmissions use amplitude modulation and are easily received. Often you can tune a given frequency and, in sequence, hear three or four different VOLMET stations.

Most of these weather broadcasts are in English. However, some weather reports, particularly from the West African stations, are aired in French.

Most frequently heard are aeradio weather transmissions from New York, Gander, Newfoundland, Shannon, Ireland, San Francisco, Anchorage, Alaska, and Tokyo. However, many DXers have reported logging similar ground stations at Hong Kong, Buenos Aires, Paris, Calcutta and Cairo.

SEAGOING DX

A fellow walked into a store in Michigan not long ago to look at the stock of all-band transistorized portables.

"Does this radio pick up the marine band," he asked the clerk?

UNICATIONS

GREAT LAKES MARINE FREQUENCIES

Channel Designator	Coastal Freg. (kHz)	Paired Ship Freq. (kHz)	U.S.	Canadian
51 52 54	2182 Intership only Intership only	2182 2003	X. X	X X X
55 56 57	Intership only 2670 2514	2738 2670 2118	X X	Х
58 59 75	2550 2582 2598	2158 2206 Coast station only	X	X X
77 81 82	Intership only 4409.4 4415.8	2738 4110.8 4117.2	Х	X
83 95 96	4428.6 8770.4 8783.2	4130 8236.4 8249.2	X	X

Channel 54 is used mostly by pleasure craft. Channel 55 is used on the St. Lawrence, east of Montreal

Channel 56 is used by U.S. Coast Guard as a working frequency. Canadian frequencies are used not only on the Great Lakes, but for all marine traffic west of Montreal on the St. Lawrence River.

"Mister," the clerk-obviously not a DXer-replied, "if the Marine Band is playing, that radio will pick it up!"

Of course it's clear that the customer wasn't interested in hearing a group of Leathernecks playing "Stars and Stripes Forever." He was looking for action on the marine radio frequencies. And action there is!

There are two areas of he spectrum where you'll find transmissions from seagoing vessels and shore-based stations. One is the low frequency band below 500 kHz. The other is in the shortwave, or high frequency range, primarily divided into seven different bands.

The ability to "read" CW is a must on the LF band. Because few listeners have receivers which can tune this bottomof-the-dial area below the standard AM broadcasting band, we'll skip over this quickly.

A key frequency is 500 kHz, where you're apt to hear some interesting shipto-shore communications. This is a good spot to find transmissions from some of the plush superliners that ply the North Atlantic and southern waters.

Perhaps you'll hear the 300 watt trans-

mitter of the huge Italian Line passenger ship "Raffaello," using the call IBLO, with traffic for coastal station WSC in Tuckerton, N.J. Or DABR, the station aboard the German-Atlantic "Hanseatic."

Most SWL's will find the higher frequencies more to their liking, mainly because no additional tuning equipment is necessary. And a good place to start is a widely used calling 2182 kHz, frequency.

Shipboard stations use four letter calls. For example, KSES is assigned to the Grace Line's cruise ship, Santa Anita, and KPYX is the call of the Mormacpenn, owned by the Moore McCormack Line.

That brings up another point. Frequently, shipping firms name their vessels with a distinctive word. Thus, the "Santa" ships, Santa Maria, Santa Paula and the like, belong to the Grace Line, and Moore McCormack christens its ships Mormacpine, Mormacsaga and so

Similarly, those named "American" or

CO	ASTAL RAD	10	STATIONS		
Call	Location	TFA	Location		
■ CKN	Halifax, Canada Vancouver, Canada Havana, Cuba	Call TUA	Reykjavik, Iceland Abidjan, Ivory Coast		
■ CUG	Havana, Cuba San Miguel, Azores Cerrito, Uruguay	UTA	Tuapse, USSR Tallinn, USSR St. John, Canada		
DAL/	Norddeich, W. Germany Manila, Philippines	WCC	Bermuda Cape Cod, Massachusetts Winnington, Dela.		
FFL GCN	St. Lys, France Portishead, England Humber, England	WFA WGB	Tampa, Fla. Norfolk, Va. New York, N.Y.		
Ī	Barranquilla, Colombia	WMR	Baltimore, Md. New Orleans, La.		
IAR JOR	Rome, Italy Nagasaki, Japan	W00	Jacksonville, Fla. Ocean Gate, N.J.		
JWT KEM	Stavanger, Norway Morgan City, Louisiana	WSC	New York, N.Y. Tuckerton, N.J. Amagansett, N.Y.		
KFS KKB	San Francisco, Cal. Seattle, Washington	YSJ YUZ	Yungkia, China Rijeka, Yugoslavia		
KOK KPH	Los Angeles, Cal. San Francisco, Cal.	YVG	La Guaira, Venezuela		
KFS KKB KOK KPH OST OXZ PCH PJC SAG	Ostende, Belgium Lyngby, Denmark Scheveningen,	ZBM ZLW	Bermuda Wellington, New Zealand		
E DIC	Holland	ZSY	Walvis Bay,		
FJC SAG SPA	Willemstad, Curacao Gotenborg, Sweden Gdynia, Poland	8P0	S. Africa Bridgetown, Barbados		
grammanamanamalinnasaninamaninamaninamaninamasaninamasaninamasaninamaninamaninamaninamaninamaninamaninamaninam					

MAJOR FOREIGN AIRLINES

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Airline	Nationality		Airline	Nationality
	Aeroflot Aerolineas Argentinas Air Afrique	U.S.S.R. Argentina Ivory Coast		KLM (Royal Dutch) Sitilnes Linea Aerea Nacional (LAN) Lloyd Aereo Boliviano (LAB)	Holland Chile Bolivia
	Air Canada Air France Air India	Canada France India		Lloyd Aereo Paraguayo Loftleidir (Icelandic Airlines) LOT (Polish State Air Lines)	Paraguay Iceland Poland
	Air Vietnam Alitalia Ansett	S. Vietnam Italy Australia		Lufthansa Mexicana Olympic Airways	W. Germany Mexico Greece
	Austrian Airlines Avianca Br. European Airways (BEA)	Austria Colombia England		Philippine Air Lines Quantas Empire Airways Royal Air Cambodge	Philippines Australia Cambodia
	Br. Overseas Airways (BOAC) Br. West Indian Airways Candian Pacific Airlines	England Trinidad Canada		Royal Air Lao Royal Air Maroc Sabena	Laos Morocco Belgium
	Civil Air Transport (CAT) Cruzeiro Ceskoslovenske Aeroline	Taiwan Brazil Czechoslovakia		Scandinavian Airlines Swissair	Denmark, Norway, Sweden Switzerland
	Cubana El Ai Ethiopian Air Lines	Cuba Israel Ethiopia		Syrian Arab Airlines TAN Airlines TAP (Transportes Aereos	Nationality Holland Chile Bolivia Paraguay Iceland Poland W. Germany Mexico Greece Philippines Australia Cambodia Laos Morocco Belgium Denmark, Norway, Sweden Switzerland Syria Honduras Portugal New Zealand Thailand Brazil Venezuela Yemen
	Finnair Garuda Iberia	Finland Indonesia Spain		Portugueses) TEAL (Air New Zealand) Thai Airways	New Zealand Thailand
	Irish International Japan Air Lines (JAL)	Ireland Japan		Varig VIASA	Brazil Venezuela
		 	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Yemen Airlines	Yemen

"Pioneer" belong to the United States Line, those named "Bear" (Philippine Bear, etc.) to the Pacific Far East Line, "Esso" (Esso Baltimore, etc.) to the Humble Oil Co., and "African" (African Star, etc.) to the Farrell Line. There are, of course, many more.

Calls consisting of a pair of letter, plus four digits, often indicate private craft. These include small powerboats with ship-to-shore radio, or large pleasure yachts. The call WO4904, for instance, is the 40-foot sailing yacht "Xtabay," owned by a Los Angeles man presently on a round-the-world cruise.

Coastal stations along the shore use three letter, or three letter and one numeral, calls. A station identifying as SVN4 is located near Athens, Greece. DAL is at Norddeich, West Germany, while station KLC is at Galveston, Texas, and IAR is the call used by the Italian coastal station near Rome, just to name a few.

If you live in the Northern part of the U.S. or southern Canada, don't overlook the Great Lakes radio traffic. There are plenty of private boats operating on Lakes Superior, Michigan, Huron, Erie and Ontario, plus the lake freighters. And, since the opening of the St. Law-

rence Seaway, the number of foreign, ocean-going vessels that sail the lakes has increased tremendously.

There are a number of Great Lakes coastal stations too, including WMI, Lorain, Ohio, WAS, Duluth, Minnesota, WLC, Rogers City, Michigan, and VBA, Thunder Bay, Ontario. The coastal stations can be heard with ship-to-shore communications and marine weather broadcasts reading traffic lists of ships for whom messages are being held, and with repeated, taped "markers." The latter are frequently heard by DXers, and are transmitted to let ship radio operators know they are listening, ready for

GREAT LAKES COASTAL STATIONS

	United States		Canada
WAD	Port Washington, Wis.	VBA	Thunderbay, Ont.
WAS	Duluth, Minn.	VBB	Sault Ste Marie, Ont.
WAY	Chicago (Lake Bluff), III.	VBC	Wiarton, Ont.
WBL	Buffalo (Martinsville), N.Y.	VBE	Sarnia, Ont.
WFS WLC	Detroit, Mich. Rogers City, Mich.		Port Burwell, Ont. Toronto, Ont.
	Lorain, Ohio	VBH VDQ	Kingston, Ont. Cardinal, Ont.

traffic, and the frequencies they are monitoring.

POINT-TO-POINTERS

Another category of utility stations is the commercial or government pointto-point operations. In addition to the military PTP stations mentioned previously, there are many hundreds of other that operate on fixed circuits, in other words, communicating directly from point A to point B.

Many of these are radiotelephone operations using voice transmissions, mostly SSB, but some AM signals. Additionally, some PTP stations use code. These frequently can be heard with repeated identification tapes, and sometimes, with overseas telephone conversations. Depending on the country of origin, these announcements may be made in English, or a foreign language, such as French or Spanish, or, bilingually, in English and another language.

These stations are assigned call letters, but seldom announce them on the air. Usually, though, they do give their governmental or company name and the location of the transmitter.

When actually transmitting overseas telephone calls, some of these operations



That mighty big loop antenna behind Richard Clark of Fort Lauderdale, Fla. helps him to tune the medium bands on his Hallicrafters and Lafayette rigs.

RIVER MARINE STATIONS

KDQ St. Louis, Mo. KPE Clayton, Mo. WCM Pittsburgh (Irwin), Pa.

WGK St. Louis, Mo. WJG Memphis, Tenn. WPI Greenville, Miss.

WFN Louisville, Ky. WRA Memphis, Tenn. Marine stations located along the inland waterways frequently are heard on the following frequencies: 2782, 4072.4, 4377.4, 4378.8, 6200.5, 6205.4, 8210.8

make use of a speech scrambler. Electronically, the voice signals are scrambled so the conversation sounds garbled and unintelligible until unscrambled at the other end of the circuit. This is done to insure privacy of the message and since the typical SWL does not have the elaborate unscrambling equipment, it works.

But the test tape, or voice mirror, transmissions are easy enough to log and understand once you've gotten the hang of tuning single sideband signals, mentioned earlier.

Since many of the foreign organizations operating fixed circuit transmitters are unfamiliar to most listeners, let's take a look at some of the major ones.

One of the biggest is Cable and Wireless, Ltd., an English firm with several subsidiary outfits around the world, such as Cable and Wireless West Indies, Ltd., and Cable and Wireless Mid East, Ltd. There are C&W stations at Aden, Barbados, Falkland Islands, Tanzania, Trinidad-in fact, nearly every place where the British Union Jack flies, or once flew.

France has its France Cables et Radio, Portugal its Companhia Portugesa Radio Marconi SA, and Spain its Compania Telefonica Nacional de Espana. The United States has several private firms operating stations in the fixed service, among them RCA Communications, Press Wireless, Inc., and A.T. and T. The Tropical Radio and Telegraph Company's numerous stations throughout

OCEAN STATIONS

4YC-Ocean Station "C" 4YD-Ocean Station "D"

Atlantic Ocean Atlantic Ocean

4YH-Ocean Station "H" Atlantic Ocean 4YN-Ocean Station "N" Pacific Ocean These marine stations are located aboard ves-

sels stationed in the Atlantic and Pacific Oceans. The purpose of these ships is to collect meteorological data, which is radioed to coastal stations. Two frequencies to watch are 2182 and 6254 kHz. តិការប្រាយប្រជាជនជាមួយមួយ គេ គេ មួយ ប្រជាជនជាមួយ ប្រជាជនជាបាន ប្រជាជនជាបាន ប្រជាជនជាបាន ប្រជាជនជាបាន ប្រជាជនជា Central America are often heard by DXers.

Here's a rundown of some of the government and private outfits broadcasting PTP transmissions:

Afghanistan—Ministry of Communications, Kabul

Argentina—Compania Internacional de Radio, Buenos Aires

Australia—Australian Overseas Telephone Service, Sydney

Belgium—Regie des Telegraphs et Telephones, Brussels

Brazil-Companhia Radio Internacional do Brasil, Rio de Janeiro

Canada—Canadian Overseas Telecommunications Corporation, Yam-

FIXED CIRCUIT FREQUENCIES (kHz)

The fixed circuit point-to-point stations are assigned by the International Tele-communications Union to a number of shortwave bands, some of which are shared with other types of services. The following bands are supposedly reserved for fixed circuit communications:

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

The following bands, by ITU assignment, are officially shared with other types of radio services:

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

Sancymunication and a superior of the superior

achiche, Quebec

Ceylon-Overseas Telecommunication Service, Colombo

Denmark—Generaldirektoratet for Post og Telegrafvaesenet, Copenhagen

Egypt—Telecommunications Organisation, Cairo

Finland—Helsinki Radio, Helsinki Germany, West—Deutsche Bundespost, Frankfurt am Main

Haiti-West Indies Telephone Service, Port-au-Prince

Iceland-Icelandic Post and Telegraph Administration, Reykjavik

Japan—Kukusai Denshin Denwa Co., Ltd., Tokyo

Martinique—Service des Telecommunications, Fort-de-France

WHERE TO TUNE FOR THE POINT-TO-POINTERS

The following is a selected list of some of the fixed circuit PTP stations currently operating on shortwave.

From this data, it should be apparent that the frequencies from about 11000 to 15000 and 16000 to 20000 kHz are particularly good spots to tune for PTP stations.

Cambria

Francisco /kUz)

Ī	Country		. Frequencies (kHz)
Ī	Algeria		6802,10195,12705,16050
Ī	Angola		8082,13380,16154,20535 10250,14630,17570,19140
1	Argentina "		
Ī	Australia		9910,10950,16330,17640
Ī	Bahamas		6838
Ē	Barbados		6910, 7547,10605,16405
Ī	Bermuda		5220,10635,16,132
1	Brazil Cape Verde		10860,16190 16281
	Islands		10201
Î	Chile		10145,13780,16420
Ī	China		13750,17576
Ī	Denmark		14705
₫	Ethiopia		16255,19555
Ī	Finland		14767,14782
Ĭ	Germany, East		10295,16700,17620
Ī	Germany, West		7784,10850,11000,19227
Ē	Greece		7355, 9935,14585,19230
Ĩ	Guam		7940, 9490,15475,18695
Ī	Haiti		10440
Ī	Hong Kong		9072,14382,19510 18730
Ī	Iraq		
Ī	Italy Jamaica		7518, 9855,12045,16395 7735,10355,13505,15680
Ī	Japan		6900,10857,12185,14730
Ī	Kenya		10730,15515,19630
Ē	Kuwait		11576,19870
Ī	Lebanon		7985,13445,16325
Ī	Malta		14685,20145
1	Martinique		12020,16440,19515 10452,15890,17630,18400
	Mexico		10452,15890,17630,18400
Ī	Mozambique		11662,19070
	New Zealand		9900,14730,15831,18610 4807,10790
	Nicaragua		10750 12227 10106
Ī	Nigeria Norway		10750,12327,19196 9980,14925,19910
Ī	Peru		10880,12085,14845,17600
Ī	Poland		9087.13785.16200
Ī	Portugal		9087,13785,16200 5210,15900
1	Puerto Rico		7670, 9940,10101,14470
Ī	Rhodesia		12165,14650,18690
ı	Senegal		11405,19090
Ī	Somalia		19400
	South Africa		9180,17390,20930
Ī	Spain Tahiti		10620,14500,20570
1	Tariti		13725,19305
1	Taiwan Tripidad		7325,10130
ı	Trinidad Turkey		9905,14975,18075 19485
Ē	U.S.S.R.		
11111	Venezuela		9147 11565 20677
Ē	Yugoslavia		16242,18490
онил шинстрония видинения видения в	Zambia	,	11530,14970,16030,19170 9147,11565,20677 16242,18490 9440,13828,19500

Tarayanaasaanaasaanaasaanaaasaanaaaasaanaaa

Mexico—Direccion General de Telecommunicaciones, Mexico City

Peru—All America Cables and Radio, Inc., Lima

Puerto Rico-Radio Corporation of Puerto Rico, San Juan

Sweden—Royal Board of Swedish Telecommunications, Johanneshov Taiwan—Government Radio Admin-

istration, Taipei
U.S.S.R.—Ministere des Communications, Moscow

Vietnam—Direction Generale des PTT, Saigon

• THE NOISES

In addition to the types of utility transmissions covered previously, there are other signals heard which are neither voice communications nor standard Morse code. DXers frequently write COMMUNICATIONS WORLD asking for help in identifying them.

These are the noisemakers, those stations that buzz, squawk, chatter and howl. These weirdie sounds seem to abound on the shortwave frequencies. Some are commercial or military radioteletype



This dyed-in-the-wool SWL is John Zaharek. Though industrial arts is the vocation of this Torrington, Conn. resident, he enjoys tuning his Realistic DX150A rig.

(RTTY), or a multiplexed version (MUX) of RTTY that combines a number of teletype signals on the same wavelength.

Others are the sounds made by radio facsimile transmitters, which send pictures via electromagnetic waves. Surely you've seen newspaper photos of Vietnam battle scenes captioned "radio-photo."

Jammers also contribute to the cacophony. These noise generating stations, found on or near the frequencies of certain broadcasting transmitters, are attempting to block programming from these SWBC outlets. Russia, China and other countries in the Communist bloc resort to jamming, but they're not alone in this game. Non-Communist nations also have regularly, or occasionally, tried the same techniques to jam offending programs.

Jamming attempts usually involve the rapid, code-like pulsing of a multi-beeper, the penetrating whine of an electronic buzzsaw, a system favored by the Russians, or the "white noise" (a mixture of all audio frequencies), recently adopted by the Chinese.

Generally, it is useless to attempt to try to identify the specific source of these "radio noises." Eventually you may come to realize the difference between an RTTY transmission and a jammer. But it isn't too important if you don't. For practical reasons, they aren't really of much interest to the DXer.

And it is nearly impossible to describe the characteristics of each of these types of signals, since one man's "buzz" is another's "chatter". While it might sound like a "squeal" to you, it may be a "howl" to me.

• THE BROADCAST BANDS

So much for the utility stations. Though there's enough DX potential among these stations to keep anyone busily tuning for years, many SWL's prefer the broadcasters whose outlets feature regular programming.

DXing the shortwave broadcast (SWBC) stations is, perhaps, less hap-hazard than looking for the "utes." For one thing, they maintain regular schedules. With the SWBC transmissions it is usually possible to learn when they're on the air, and therefore, to a limited degree, when you're most likely to hear

DX FORECAST FOR EASTERN UNITED STATES

JULY-AUG-SI	EPT 1971	nninastribinia (irononia); bolinistr	idhilest Hishinist (Shininis (1991)	nannunan munan manun	
GMT 0000 0400 0800 1200 1600 2000	31 meters 31 meters 49 meters 25 meters 19 meters 19 meters	EUROPE, MID-EAST 25 meters 31 meters 31 meters 19 meters 16, 19 meters 19 meters	FAR EAST 16 meters 25 meters 31 meters 25 meters 19 meters 19 meters	AFRICA 25 meters 49 meters 49 meters 19 meters 19 meters 19 meters	AUSTRALIA, PACIFIC 19 meters 19 meters 25, 31 meters 25 meters 25 meters 19 meters AUSTRALIA, PACIFIC 19 meters 25 meters 31 meters 25, 31 meters 25 meters 19 meters
OCT-NOV-DE	C 1971				
GMT 0000 0400 0800 1200 1600 2000	LATIN AMERICA 49 meters 49, 60 meters 49 meters 49, 60 meters 25 meters 19 meters	SUROPE, MID-EAST 31 meters 31, 41 meters 31 meters 19 meters 16, 19 meters 19 meters	FAR EAST 16, 19 meters 25 meters 31 meters 19 meters 19 meters	AFRICA 25 meters 31 meters 49 meters 19 meters 19 meters 19 meters	AUSTRALIA, PACIFIC 19 meters 25 meters 31 meters 25, 31 meters 25 meters 19 meters

them. While some powerful international broadcasting stations can be logged every day, many others are seldom, if ever, heard by SWL's in the United States.

Secondly, most SWBC stations broadcast in a few—only a dozen—frequency bands, each only a couple of hundred kilohertz wide. As you've learned, when hunting the utility stations you may have to range across the dial to find the ones you're looking for.

While this factor may be an advantage on one hand, it can also cause problems for the broadcast band listener. With several thousand SWBC stations around the world packed into these small frequency bands, interference can be more of a problem than with the utility transmissions.

Of course, not all broadcasters operate in these SWBC bands. Some, particularly the Soviets, Chinese, North Vietnamese and Koreans, plus a handful of wandering Latin American outlets, can be found outside the bands.

Now, let's take a look at the 12 short-wave broadcast bands.

-11 Meter Band. This band, at the high end of the shortwave range, covers the frequencies from 25600 to 26100 kHz. As with many of the higher frequency bands, it's populated mostly by the big international broadcasters, including the Voice of America relay transmitters at Tangier, Morocco, and Monrovia, Liberia. Here, too, you'll find Radio Norway and the British Broadcasting Corp.

Eleven meters is definitely a daylight band. In fact, there's no action here after the sun sets. Then you'll have to dial the lower frequency, longer wavelength stations.

Sunspots, those violent eruptions on the surface of Old Sol, have a definite effect on high frequency reception. The number of sunspots fluctuates over about

DX FORECAST FOR WESTERN UNITED STATES

	LATIN AMERICA	FUDODE MID FACE	FAD FACT	AFDIOA	AUCTOALIA DACICIO
GMT 0000 0400 0800 1200 1600 2000	19 meters	25 meters	FAR EAST 19 meters	AFRICA 19 meters	AUSTRALIA, PACIFIC 19 meters
0400	31 meters	25 meters	31 meters	25 meters	19 meters
0800	31 meters	31 meters	25 meters	31 meters	31 meters
1200	49. 25 meters	25 meters	25. 31 meters	25 meters	25 meters
1600	19 meters	19 meters	19 meters	25 meters	25 meters
2000	19 meters	19 meters	19 meters	19 meters	19 meters
OCT-NOV-DE	C C				
GMT	LATIN AMERICA	EUROPE, MID-EAST	FAR EAST	AFRICA	AUSTRALIA, PACIFIC
0000	31 meters	25 meters	19 meters	19 meters	19, 25 meters
0400	49, 60 meters	31 meters	25 meters	31 meters	19 meters
0800	49, 60 meters	31 meters	25 meters	49 meters	31 meters
1200	49 meters	25, 31 meters	31 meters	19 meters	49, 60 meters
1200					
GMT 0000 0400 0800 1200 1600 2000	31 meters 19, 25 meters	19 meters 19 meters	19 meters 19 meters	16. 19 meters 19 meters	25 meters 19 meters

an 11-year cycle. Currently the cycle is on a downhill slide. The fewer the sunspots, the poorer reception will be on this band.

-13 Meter Band. The limits of this band are 21450 and 21750 kHz. Like "11," this too is a daylight band and is subject to sunspot variation. As the sunspot count continues to decrease during the next several years, fewer of the major international broadcasters will use these wavelengths. Already, some of them have left for lower frequencies.

Still to be found operating on 13 meters are Vatican Radio, Radio Mexico, Radiodiffusion-TV Belge, Brussels, and Radio Berlin International, to name a few. —16 Meter Band. This SWBC band is located between 17700 and 17900 kHz. In many ways it is similar to the two top bands, in that signals tend to fade in after dawn and out again about sunset. While it has felt the effect of the declining numbers of sunspots, there's more shortwave activity.

You may catch the Voice of Free



A Drake SW4-A and a Realistic DX150A are the rigs used by Thomas Jones of Benson, Minn. An SWL for more than two years, Tom has logged 52 countries.

China, Taipei, Taiwan, Tokyo's Radio Japan or Radio Australia operating here.

-19 Meter Band. Here's a good spot to prowl during the daylight hours, particularly during the late afternoon before the sun sets. This band occupies the frequencies from 15100 to 15450 kHz.

There are dozens of big, international broadcasters transmitting on 19 meters, plus some of the Brazilians and Mexicans. You can spot Radio Iran; HCJB, Quito, Ecuador; ETLF, like the Ecuadorian, a missionary outlet, but located at Addis Ababa, Ethiopia; Radio Prague, Czechoslovakia; and Radio Peking on this band.

-25 Meter Band. Another of the bands occupied by the international broadcasters, but a few stations which program to domestic audiences also can be heard.

As mentioned, the high shortwave bands provide best reception during the day. Conversely, as we slide down the dial to the lower bands, we'll find them "open" when it's dark. Twenty-five meters is something of a transitional band, with reception possible during the evening and during the day.

Short haul transmissions, especially the Mexican stations can be heard around noon, or before. Reception picks up during the afternoon, when you may find the French-speaking Radio Abidjan, in the Ivory Coast of Africa; Radio Nacional Managua, Nicaragua, or the Saudi Arabian station at Djeddah. Radio Tahiti, LRX, Buenos Aires, Argentina, and several Brazilian stations are among the many you'll find during the evening hours.

Twenty-five meters includes those frequencies between 11700 and 11975 kHz.

-31 Meter Band. This one runs from 9500 to 9775 kHz, but you'll find stations spilling over both ends of the band. At night, before midnight local time, this is one of the best spots to hear English language transmissions from Europe. And, medium distances are possible for at least part of the daylight hours. You may find some Latin American stations on the air then. Like the higher frequencies, 31 meters is heavily used by the international broadcasters, but again, some local service shortwavers can be found here too.

Check for Radio Noumea, New Caledonia, a French island in the Pacific.

From "Down Under" come the broadcasts of Radio New Zealand. Still others to be heard are from most European outlets, including Radio Bucharest, Rumania. Africans abound on "31" such as Radio-TV Kaduna, Nigeria, and a Latin or two like Radio Nacional at Lima, Peru.

-41 Meter Band. At least part of this band, 7100 to 7300 kHz, (approximately) is shared with the 40 meter ham stations, which makes for heavy going when it comes to interference. There's not as much activity on "41" as on some of the other SWBC bands, but still you'll certainly find a number of Russian stations, including English language signals to North America (But then, you'll find Radio Moscow almost everywhere on the dial, it seems!). Radio Nederland and Radio Warsaw are just two of the other stations that use this band.

While a very few stations may still be audible during daylight, except for the mid-day period, this is essentially

a nighttime band.

-49 Meter Band. This is probably the most crowded of the shortwave ranges, 5950 to 6200 kHz, since it is used by many of the international broadcasters plus countless local services in Latin America, Africa and elsewhere. From a little after dawn to late afternoon, about all you'll hear are some of the private Canadian shortwave stations. But during the evening hours—wow—"49" comes alive!

It's only possible to skim the surface, but among the many crowded into these 250 kilohertz are YSS, El Salvador; Radio Portugal; Radio America, Honduras; Radio Luxembourg; Spain's Radio Nacional de Espana; Radio Nacional, Venezuela; Deutsche Welle, the Voice of Germany; and, if it is still active, Radio Nordsee International, an unlicensed pirate station operating from international waters off Europe.

-60 Meter Band. The frequencies from 4750 to 5060 kHz make up one of three so-called Tropical Bands. It is seldom used by the major foreign shortwave outlets. Most of the signals you'll hear are from domestic government or commercial transmitters whose programs are aimed at home, rather than overseas audiences. As a result, English language programming is a rarity.

This is definitely for nighttime DXing.

though that would include the pre-dawn hours too. Central and South American, African and Asian stations abound. These are the real DX catches.

A couple of strong Venezuelans to look for are Radio Santa Fe, Radio Barquisimeto and Radio Juventud. From Africa, there are the powerful signals from the SWBC station at Lome, Togo. About dawn, good signals may be heard sometimes from the Australian Broadcasting Corporation's station at Port Moresby, New Guinea.

-75 Meter Band. Like "41", this band, about 3900 to 4000 kHz, is shared with the hams, but there's much less SWBC activity. There are a couple of really good catches possible on 75 meters, though, such as the Solomon Islands and Gronlands Radio, Godthab, Greenland. The latter is occasionally heard with

SW BROADCAST BANDS

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Ē					
1	13	Meter	Band		kHz.
1	16	Meter	Band		kHz.
1	19	Meter	Band		kHz.
1	25	Meter	Band		kHz.
Ē	31	Meter	Band	9500 to 9775	kHz.
1	41	Meter	Band	7100 to 7300	kHz.
1	49	Meter	Band	5950 to 6200	kHz.
•	60	Meter	Band	4750 to 5060	kHz.
Ē	90	Meter	Band	3200 to 3400	kHz.
ām		umanana			

fairly good signals in the eastern states around 1015 GMT (5:15 a.m. EST). Hear it, and you've got something to be proud of!

-90 Meter Band. This one's frequency limits are 3200 to 3400 kHz. It is the second of the Tropical Bands, and one that also comes alive at night. In the evenings look for Latin Americans and British Honduras' Radio Belize. As midnight approaches, the Africans, Sierra Leone Broadcasting Service among them, roll in. Before dawn, hunt for the low powered Indonesian stations and the others in and around New Guinea.

-120 Meter Band. The third and last of the Tropical Bands, 2300 to 2495 kHz, is the lowest of the SWBC even dozen. Not too many stations heard on this "darkness" band where in summer the QRN (static) gets plenty rough. Easiest logging seems to be Haitian missionary station, 4VEH, but some top DX loggings, including the French station on the Indian Ocean island of Reunion, are

possible when the atmospheric conditions are right.

So that's a quick look at the shortwave broadcasting bands. For a fuller picture, including times and frequencies of some of those mentioned, and many others, check the World-Wide Shortwave Stations list in White's Radio Log. When you do, remember that few things change as fast as the shortwave scene. Though the stations included in the log operated at the time and place listed when this was written, some may have shifted frequencies or altered their schedules by the you receive COMMUNICATIONS time WORLD. Still, there'll be plenty of other stations to log, some of them new ones on the air, in these shortwave broadcast bands.

• SUPER BOOSTER FOR THE BROADCAST BAND Imagine your receiver's broadcast band dial jammed from end to end with a solid wall of signals! Pip-squeek stations that normally can't be heard with headphones can come booming into your shack at S9. A dream? Nope! That's just the kind of performance you'll get with COMMUNICATION WORLD'S Super Booster.

Here's a preamplifier specifically designed for BC DX'ers. Whether you live in a concrete and steel tower, or out in the boondocks with plenty of space for



Super Booster helps this Realistic DX-120 to run after flea power BCB DX, by acting either as an "electronic antenna" or as a preamplifier.

a long-wire antenna, the Super Booster will dig out signals you've never heard before. The average gain of Super Booster is almost 42 dB—that's 7 S-units "extra" sensitivity!

As shown in our figure, the booster can function either as an "electronic antenna", with signals received only by loopstick antenna coil L1, or as a preamplifier, with long-wire antenna signals coupled to L1 through L2. Coil L2 is supplied as part of the specified antenna loopstick; you have no coil winding problems.

Signal voltage appearing across L1 and C1 is coupled to Field Effect Transistor Q1 which provides approximately 20 dB gain on top of the L1/C1 resonant gain. The output of Q1 feeds transistor Q2, connected as an emitterfollower. This transistor stage provides an additional 10 to 15 dB power gain, and also provides a low-impedance output for connection to the relatively low impedance receiver input.

Though intended for direct connection to a receiver's antenna input terminals, CW's super Booster can also be used with "loop antenna radios" by connecting the booster's output to a loopstick antenna (a duplicate of L1), and then positioning this loopstick near the radio. We'll show how both connections are used.

The total current drain of Super Booster is less than 2 mA. Power is provided by a standard 9V transistor radio battery. The 2U6 type will last at least 3 months, even under heavy service. An "activator" type battery can last a year or more. With such low power consumption, there is no reason to build an external AC power supply for Super Booster.

-Construction. Though the circuit appears very simple, extreme care must be taken in the circuit board preparation. Reason is, the very high gain can cause total instability if a single component, or printed foil-circuit is out of position. We suggest that no attempt be made to use point-to-point wiring; use a PC board which is an exact copy of the supplied template. The board can be of type XXXP; there is no need for a more expensive board.

Make no component substitutions; Q1 and Q2 should be the specified types.

This is Super Booster's printed circuit board drawn full-size. If you make your own PC board, follow this pattern exactly; RF instability, or regeneration, could result if you don't. Our diagram on page 42 shows where the various components are mounted on this PC board. Follow the layout carefully.

Though the circuit might work with some "general purpose replacement transistors," it probably won't work with other dime-a-

dozen cheapies. Worse yet, it might work only on very weak signals while distorting on strong signals.

PARTS LIST FOR SUPER BOOSTER

B1—9 volt transistor radio battery (Burgess type 2U6 or equiv.)

CI—365 pF subminiature poly-type variable capacitor

C2,C3,C4—0.05 µF, 50 VDC disc ceramic capacitor

J1-5-way universal binding post

J2-RCA-type phono jack

L1-loopstick antenna

L2—laopstick antenna (optional for radios without antenna terminals—see text)

PL1-RCA-type phono plug-see text

Q1—dual gate mosfet n-channel transistor (RCA 40600)

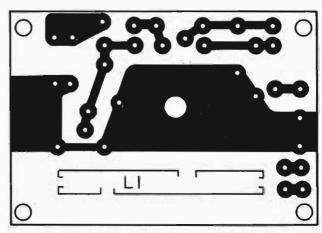
Q2—bipolar npn transistor (G.E. 2N 3394)

R1,R3—4,700-ohms, ½-watt composition resistor, 10% tolerance

R2—1,000-ohms, ½-watt composition resistor, 10% tolerance

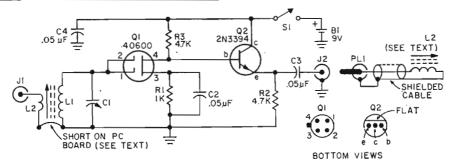
\$1-single pole, single throw switch

A complete set of components, including J1,J2, S1,B1, and an undrilled printed circuit board is available for \$12.95 (includes postage) from the Electronic Hobby Shop, Box 587, Brooklyn, N.Y. 11202. Add \$1 for antenna loopstick L2 if needed. Canadian citizens add \$1 extra. New York state residents must add sales tax. No foreign orders, please.



The specified components will provide distortion-free performance on signals as high as 80,000 uV. You can expect Super Booster to provide its great performance until the battery voltage falls below 6 volts.

The circuit board and a very short connection to output jack J2 are the only critical assemblies. You may make mechanical modifications to Booster as long as the general layout approximates the unit shown in the photographs. Any cabinet can be used; the PC board has a built-in hand-capacitance shield. For maximum stability. though, a metal front panel will reduce the possibility of RF instability caused by the signal being fed into the receiver radiating back into the booster's input. -Making the PC Board. Cut a piece of copper-clad board to the size of the template and scrub the copper surface clean with a strong household cleanser such as Ajax. Or, use steel wool and a liquid detergent. Place a piece of carbon paper (carbon side towards the copper) over the board and tape the board under the template. Next, find a sharp pointed instrument, such as an ice-pick or



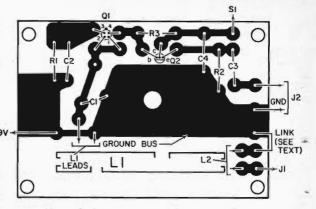
Placement diagram for SB's parts. If the output is fed to an AC/DC-type rig, disconnect the link and ground J2's cold end separately.

scriber, and indent the copper foil at each component mounting hole by forcing the point of the tool through the template and into the copper. Use only hand pressure, not a hammer. Then, using a ball point pen, trace the outline of each foil area.

Remove the board, discard the carbon paper, and fill in the outlines with a resist pen such as supplied in the Allied Radio Shack printed circuit board kits. Allow about 15 minutes for the resist to dry and then immerse the board under at least 1/4" of etchant.

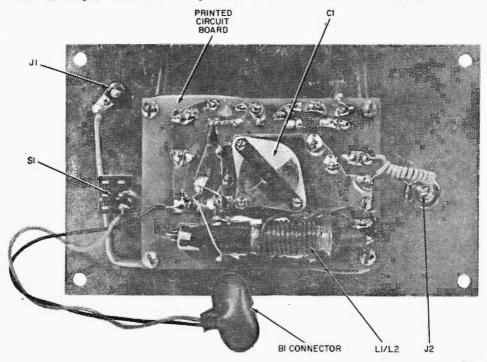
When all the excess copper is dissolved—about 45 minutes later—rinse the board thoroughly and remove the resist with a cloth moistened in rubber cement thinner or by scrubbing with steel wool.

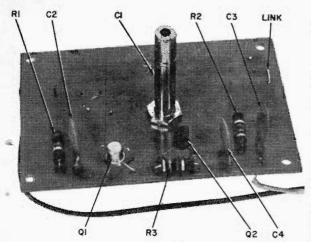
All of Super Booster's component



mounting holes, except the one for tuning capacitor C1, are drilled with a number 58, 59 or 60 bit. Capacitor C1 requires a \(\frac{\pi}{6} \) mounting hole. The holes in the corner of the PC board, used for mounting the completed PC assembly, should clear #4 or #6 screws—whichever you prefer.

The PC board is best assembled in the following manner: install capacitor C1 first, then all other components except Q1. Then push Q1's leads through the holes in the PC board and solder them home. Finally, solder the two power leads to their respective points if you intend to check out the booster before installation in the cabinet.





Note that Q1 is supplied with a shorting clip around all the leads. This clip must be left in position until the booster is completed and ready for operation. If the clip is removed, a high static voltage from the tip of the soldering iron, or a voltage generated through normal handling, might destroy Q1.

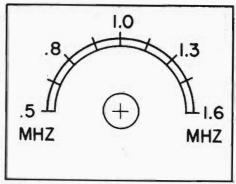
Position transistor Q1 so that the tab sticking out from the case faces the nearest edge of the PC board. Position transistor Q2 so that the round side of the case faces the nearest edge of the PC board; the flat side faces the far edge of the PC board.

Note that there are no crossed leads for Q1 and Q2. When they are oriented so the tab and round end are properly aligned, the transistor leads will plug straight into the board.

Note that L2's leads have individual printed foil connections. Normally, one foil is connected to the boosters' ground through a shorting wire. The remaining foil connects to antenna jack J1. If, for some reason, you prefer a separate antenna ground, open the shorting wire and install a "ground" jack on the panel. Connect the proper foil to the ground jack.

Because the components are mounted on the side of the pc board facing the cabinet panel, stand-offs must space the board away from the panel. You'll find, however, that C1's tuning shaft will be

Left—Super Booster—before she's buttoned up. The wire pair leading to J2 must be duplicated as you see it. Otherwise, RF instability can set in.



Here's what finished pc board looks like before it's mounted to front panel with standoffs. Tuning dial faceplate can be used as is; just paste it down!

too short to pass through the panel for application of a tuning knob. But the cure's simple enough; simply cut off a section of shaft from an old potentiometer and epoxy-cement the section to C1's shaft. Or, use a plastic extension sleeve (such as the type supplied for "insulated shaft" potentiometers); the sleeve is sufficiently rigid to support a knob.

The loopstick coil is cemented to the board with General Electric's RTV Silicon Rubber adhesive. Use no other brand or type of adhesive. Other brands, such as Dow-Corning's Silastic, are conductive at RF frequencies, and will ruin the electrical properties of the coil.

Check that the foil area outlined on the board has the indicated "breaks". You don't want a closed loop. If you forgot and made a closed loop, cut four breaks as indicated with a knife or hand grinder. Apply a thin layer of Silicon Rubber adhesive inside the marked coil area and press L1-L2 into the adhesive. Make certain L1's connection terminals are parallel to the board, with L2's leads away from the board. Then allow sufficient time for the adhesive to dry.

We suggest you check out the PC assembly before it is installed in a cabinet. Remember to remove Q1's shorting clip! Simply pull on the end of the clip with long nose pliers and the clip will unwind from around Q1's leads.

Connect a DC milliammeter rated at 5 mA or higher between the battery's positive terminal and the board's positive foil. Connect the battery's negative terminal to the board's negative foil.

The meter should indicate slightly less than 2 mA. If the meter indicates 1 mA or less, or more than 2.5 mA, check for a component mixup or incorrect installation of Q1 and Q2. If the meter reading is correct, disconnect power and install the board in a cabinet.

We recommend a plastic cabinet with aluminum panel such as shown in the photographs. The plastic cabinet allows direct signal pickup by the loopstick, which will be more than adequate for most DX'ing. Keep antenna jack J1 as far as possible from coil L1. Keep output jack J2 as close as possible to the board's output terminals. The power and antenna input leads should be flat against the panel.

Make up a short, shielded output lead by wrapping a solid-conductor, insulated wire around another wire. Keep the wrap turns against each other. Using the shortest possible length of this shielded wire, connect J2 to the board's output terminals. Make certain the "ground" wire goes from J2's ground lug to the ground foil.

Adjust L1's slug clockwise with a small screwdriver until only ¼" of the slug's adjusting screw sticks out of the coil form. The other end of this screw, the slug itself, will protrude about ¼" out the end of the form. The slug is generally secured with wax, so the first

turn or two might require a little extra force; don't be afraid to adjust the slug if it "feels" tight.

Make up a connecting lead to go from output jack J2 to the receiver's antenna terminals. Any shielded wire or coaxial cable can be used. Install a phono plug on one end. For least signal attenuation, the lead should not exceed 15 inches.

If the Super Booster will be used with a transistor radio having a built-in loop and no external antenna antenna terminals, connect the free end of the output lead to a loopstick antennamerely an exact duplicate of L1! If the loopstick has an antenna winding, such as found on the specified loopstick, simply unwind the few turns and connect the output lead to the coil's solder terminals. Position this coil on the radio's case opposite its built-in antenna and tape the coil in position.

—Using Super Booster. Turn on both the receiver and booster and tune in the desired station. Adjust tuning capacitor C1 for maximum signal strength or highest S-meter reading. As a general rule, the direct signal pickup by L1 will be more than adequate. If greater sensitivity is needed, connect 6 to 15 feet of wire to antenna jack J1. If you have the space needed for an outdoor longwire antenna, take note that the signal level into the receiver can be so high as to overload the receiver.

If there is a strong local station in your area, it is possible that its signal strength will be so greatly boosted that it might swamp the receiver when



Whether you order the Super Booster kit from the Electronic Workshop or build the preselector from your spare parts collection, you'll still have to buy a suitable cabinet to house it in. The prototype's cabinet is Allied/Radio Shack's part number 270 B 627. A bakelite cabinet with aluminum faceplate is the easiest to work with.

listening to a weak signal on the other end of the dial. If this occurs, simply detune the booster away from the strong local until its interference is gone. While this might sacrifice some gain on the desired station, the actual loss will be slight.

It is possible that the booster's output might radiate back into the input (particularly when using a loopstick coupling coil). You'll know when this happens—the booster breaks into self-oscillation—as evidenced by receiver blocking, or signals being tuned in and then "lost" when C1 is adjusted. If this happens, position the booster as far away from the receiver as possible. And, keep an external antenna, if used, well away from the receiver and the booster's output. Under normal conditions, there should be no instability.

certain conditions Under Booster will provide an additional benefit which should not be construed as improper operation. Some inexpensive rigs rigs are highly prone to marine band "image" interference when signals at the high end of the BC band are received. The booster, by providing tuned preselection, will eliminate or supress these images while providing signal amplification. Do not assume the loss of image interference means reduced sensitivity; actually, the desired signal will be getting full boost while the image signals are squashed.

• THE LANGUAGE BARRIER

Every shortwave listener cuts his teeth on the English language programs. And, luckily, there are scores of foreign broadcasters that do transmit in English. But sooner or later, if you are a serious SWL, you'll want to DX those stations which broadcast in other languages.

Obviously, you can never learn them all. There are hundreds of different languages and dialects to be heard on shortwave. The Latin American outlets use Spanish and Portuguese. In Africa, French and Swahili are important tongues. Arabic programming is aired by stations in North Africa and the Middle East. Russia-transmits in almost 50 languages and dialects to her domestic audiences, to say nothing of Radio Moscow's overseas services.

But it's not necessary to be fluent in a

LANGUAGES OF THE WORLD

쏼	(1))(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)	B1000000000000000000000000000000000000	HODINER HOLDING (LANGE CO)
	ARABIC	FRENCH	SPANISH Argentina Bolivia Canary Is. Colombia Costa Rica Cuba Dominican Rep. Ecuador El Salvador Guatemala Guinea (Ecuatorial) Honduras Mexico Nicaragua Panama Paraguay Peru Philippines Spain Chile Venezuela Uruguay SWAHILI Burundi Kenya Rwanda Somali Tanzania
Ĩ		A.C	A
₽	Algeria	Afars and Issas	Argentina
Ē	Bahrain	(Fr. Somaliland)	Bolivia
Ē	Egypt	Algeria	Canary Is.
Ē	Iraq	Belgium	Colombia
Ē	Jordan	Burundi	Costa Rica
Ī	Kuwait	Cambodia	Cuba
Ī	Lebanon	Cameroons	Dominican Rep.
≣	Libya	Central African	Ecuador
Ī	Morocco	Rep.	El Salvador
Ī	Qatar	Chad	Guatemala
▋	Saudi Arabia	Comoro Is.	Guinea
Ī	Southern Yemen		(Ecuatorial)
┋	Sudan	Dahomey	Honduras
Į	Syria	France	Mexico
i	Trucial States	Gabon	Nicaragua
┋	Zanzibar	Guadeloupe	Panama
┋		Guiana (Fr.)	Paraguay
Ī		Haiti	Peru
Ī	ENGLISH	Ivory Coast	Philippines
Ī		Laos	Spain
₫	Australia	Malagasy Rep.	Chile
≣	Barbados	Mali	Venezuela
Ī	Bermuda	Martinique	Uruguay
Ĭ	Canada	Mauritania	
₫	Fiji	New Caledonia	
Ī	Ghana	Reunion Is.	SWAHILI
Ī	Great Britain	Rwanda	
┋	Guyana	Senegal	Burundi
Ī	Hong Kong	Tahiti	Kenya
₫	India	Upper Volta	Rwanda
Ī	Jamaica	•	Somali
蒷	New Zealand		Tanzania
Ī	Philippines	PORTUGUESE	
Ē	Seychelles		
▋	Singapore	Azores	
Ī	Windward	Cape Verde Is.	
Ē	Islands	Brazil	
Ī		Guinea (Port.)	
Í		Macau	
1		Portugal	
Ī		Sao Tome	
Ī		Timor	
711			102)))))))))))))

language to be able to pick out certain key words that will allow you to identify the station and tell something about its programs.

One good way to familiarize yourself with foreign languages is to listen to major broadcasters like the BBC and the Voice of America. The VOA airs broadcasts in many foreign languages. Prior to each transmission, though, English announcements are made, identifying the languages used. Eventually, you'll come to learn the basic sound of various languages and you'll find yourself able to pick out certain words and names that are common, or at least similar sounding, in most of them.

Program format and announcer's delivery style are helpful too. Even if you don't know a word of the language, soon you'll be able to tell a newscast by the manner in which the announcer speaks. Political commentaries are often delivered with a tell-tale intensity of emotion that is distinctive. Dramatic presentations, with the back-and-forth dialogue in conversational tones, can also be recognized for what they are.

And, in time, you'll discover that you've learned, simply by being alert to what you hear, a smattering of useful words in Spanish, French, Portuguese, German and, maybe, other languages as well. At that point, you'll understand that the foreign lingos won't stand in the way of your DXing interests.

The "other language" of shortwave listening is the specialized jargon that DXers use. DXing, like any hobby, has its own words, phrases and abbreviations. These can be puzzling at first.

Some of these words are strictly technical and involve listening gear or the phenomena that affect radio reception. There are a number of beginner books, designed for novice radio amateurs, that will help you understand these.

More baffling, perhaps, are the ab-

breviations that listeners use. Being something of a living language, many of these just spring up, without rhyme or reason, and are widely used by DXers. Some of them are borrowed from the hams or commercial radio operators; others are coined by SWL's to meet the specific needs of the DX hobby.

If you stay cool and don't panic when faced with the likes of this: "BBC hrd FB sig, but some PTP QRM, during EE sked to ME"—you'll be all right. As with the foreign languages, you'll pick it all up in time.

For starters, though, consult the COMMUNICATIONS WORLD DX abbreviations list, compiled by the Association of North American Radio Clubs. Incidentally, a more complete list is available from ANARC, Abbreviations List, 16182 Ballad Lane, Huntington Beach, California 96247. It is priced at \$1.35, post-paid.

CHOOSING A SW RECEIVER

In selecting a receiver there are three factors to consider; sensitivity, selectivity and stability.

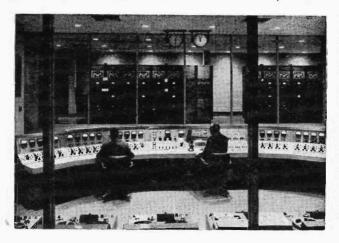
Sensitivity can be simply described as the ability of the receiver to pick up a weak signal, convert it to audible sound and deliver that sound to your ears through a headset or speaker.

Selectivity, far more important to the DXer, since even inexpensive, simple receivers often have reasonably good sensitivity, is the set's ability to tune the wanted signal, while rejecting the





DXers come in all creeds, colors—and ages. Bill Flynn, left, of Mountain View, Cal., has been an SWL since 1947, while 11-year-old Mitch Ketchersid of Irving, Texas is one of the youngest Texan DXers.



One of the first shortwave stations you're likely to log is that of the VOA-or Voice of America, in more formal DX lingo. VOA transmitters are located world-wide; the VOA signal can be received in almost every corner of the earth, and in just about every imaginable language and dialect. As an arm of the Federal government, the **VOA** sends forth programs that enhance the image of the U.S. in the eyes—and ears—of overseas listeners.

stations or static on adjoining frequencies. There are various types of circuits and devices employed to accomplish this. But, as a general rule, to get a highly selective receiver you have to pay more.

Stability, on the other hand, is probably not as critical. This is the receiver's ability to stay tuned to the frequency desired without drifting up or down. One factor causing instability in a radio is heat. For this reason, a set with tube circuitry, which generates heat, is more prone to drifting, at least when it's first turned on, than a transistorized model. But in some other respects, tube circuits are superior, so the choice is not necessarily a clearcut one.

In summary, sensitivity is important, but almost any receiver you buy will do, at least for the beginner. Selectivity is a critical factor and should be your prime concern. Portable sets usually fall down badly in this area. Stability is nice to have, particularly if you don't want to have to keep retuning a station every few minutes to compensate for the frequency drifting.

Our recommendation for the beginner, who isn't too sure yet about his long range DXing interest, is to buy a shortwave receiver in the \$50 to \$100, or \$120 price bracket. Or, if you feel you know even a bit about electronic construction, one of the easy-to-build kits for slightly less.

Play around with it, learn how it operates, its good and bad points. You'll log plenty of DX with it. Then, if after a year or so you decide on a more expensive model with better sensitivity,

sharper selectivity and greater stability, fine!

Of course, if you've got the bucks and want to splurge, go ahead. You'll still have to go through the learning period when you'll discover how to squeeze the last measure of performance from it in the DX race, but it will serve your SWLing needs for many years to come.

There are other approaches too. You might shop the used receiver market. Most radio stores and mail order dealers accept receivers in trade on new models and are good sources for used equipment. It is possible to get a receiver that once cost several hundred dollars and is still in good shape for the same money you'd pay for a new, less expensive model with fewer features. There's always a bit of a risk involved, though, so it's a decision you'll have to ponder before making the jump.

ACCESSORIES

There are other goodies, some essential, others not so necessary, that you can add to your DX den. If your receiver is an inexpensive one, but you're not ready to move up to a more costly one with improved selectivity, you can add a Q-multiplier to your gear. A Q-multiplier will sharpen the receiver's performance and make it easier to pick out the signal you want on a crowded band.

Crystal calibrators which spot audio tones on certain fixed frequencies make it easier to know just where you're tuning, if the receiver's dial isn't too accurate.

Antenna tuners, too, are useful. They are tunable devices that provide a better

match between antenna and receiver, helping to bring in those weaker signals.

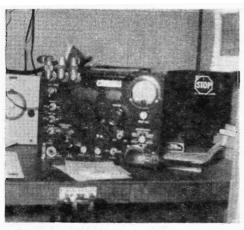
One essential is a set of headphones. There are times when band conditions are noisy, or when distractions around the home are disturbing. Then it is great to be able to slip on the earphones and listen to DX. There are many different types of 'phones, ranging in price from just a couple of bucks up to half a hundred. There are lightweight models that are the ultimate in comfort and special communications sets that provide crisp response in the mid-range voice frequencies.

Another necessary addition to your "shack" is the DXer's bible, World Radio TV Handbook. This book, published in Denmark each year, sells for about seven dollars in the U.S. WRTH and other items useful to the SWL are carried by Gilfer Associates, Inc., P.O. Box 239, Park Ridge, New Jersey 07656.

Many manufacturers and distributors of DX accessories have free catalogues and sales literature which describe their products. They make interesting and informative reading, even if you're not quite ready to buy some of these DX accessories we've mentioned.

VERIE INTERESTING

Sooner or later, most SWL's become



Military surplus rigs are still used by many DXers. This R45ARR7, the Army's version of the Hallicrafters SX-28, is used by a West Coast DXer.

QSL collectors. QSL's, also known as confirmations, verifications, or simply, "veries," are written proof, in card or letter form, from a station, stating that your reception report letter was correct. DXers consider the number of stations and countries verified as a rough indicator of their progress in the hobby. And, because they are colorful and

WORLD TIME

	OPERATION COMPONENT	000270700044180000144470070044	(44111411111111111111111111111111111111
Aden	+3	Gabon	+ 1
Afghanistan	+ 41/2	Gambia	0
Alaska	-8	Germany	+1
Albania	+1	Ghana	0
Algeria	0	Gilbert Is.	+12
Argentina	-4(-3)	Greece	+2
Ascension Is.	0	Guam	+10
Australia		Guatemala	-6 -3 ³ / ₄ -3
Eastern	+10	Guayana	- 33/4
Central	+ 91/2	Guiana, Fr.	0
Western	+8	Guinea	
Austria	+1	Guinea, Eq.	+1
Azores	-1 -5	Guinea, Port.	-1 -5
Bahamas		Haiti	-10
Bahrain	+4 +1	Hawaii Holland	+1
Belgium			-5(-6)
Bermuda	-4 -4	Honduras Honduras, Br.	$-6(-5\frac{1}{2})$
Bolivia	+2	Hong Kong	+8 (+9)
Botswana Brazil	T4	Hungary	+1
Eastern	- 2 (-2)	Iceland	-1(0)
Central	-3(-2) -4(-3)	India	$+5\frac{1}{2}$
Western	-5(-4)	Indonesia	1 372
Brunei	+8	West	+7
Bulgaria	+2	Central	+8
Burma	-l- 6 ½	East	<u> </u>
Burundi	-1 0 72 -1 2	Iran	+31/2 +3 +2
Cambodia	+ 2 + 7	Iraq	+372
Cameroon	+ í	Israel	+ 2
Canada		Italy	+1(+2)
Atlantic	-4(-3)	Ivory Coast	0`,
Eastern	-5(-4)	Japan	0 +9 +2 +3 +9 +3 +7 +2
Central	-5(-4) -6(-5)	Jordan	+2
Mountain	-7(-6)	Kenya	+3
Pacific	-8(-7)	Korea	+9
Yukon	-9(-8)	Kuwait	+3
Canary Is.	0	laos	+7
Cape Verde Is.	-2	Lebanon	+2
Central Afr.		Liberia	- 3/4
Rep.	+1	Luxembourg	+1
Ceylon	-I-5½	Libya	+2+2
Chad	+1	Malawi	+2
Chile	-4	Malaysia	+71/2
China		Malagasy Rep.	+3 +51/2
East	+8	Maldive Is.	+51/2
West	+6	Mali	ŏ
Colombia	-5	Mauritania	+12
Congo	+1	Marshall Is. Martinique	-4
West	+1+2	Mauritius	+4
East	$-10\frac{1}{2}$	Mexico	-6
Cook Is	-6	Monaco	+1
Costa Rica	-5	Mongolia	+8
Cuba	+2		0
Cyprus Czechoslovakia	+1	Morocco	
	+1	Mozambique	+2
Dahomey Denmark	+1	Nepal	+5.40
Ecuador	-5	Neth. Antilles	-4
Egypt	+2(+3)	New Caledonia	+11
El Salvador	-6	New Guinea	+10
Ethiopia	+3	New Hebrides	+11
Falkland Is.	-4 (-3)	New Zealand	+12
Faeroe Is.	0	Nicaragua	-6
Fiji Is.	+12	Niger	+1
Finland	+2	Nigeria	+1
France	+1	Norway	+1
Talles		Hornay	

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

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BY COUNTRIES

Pakistan	
West	+5+6
East	+0
Panama Panama Torr	-5 +10
Papua Terr.	-4
Paraguay	-5
Peru	+8
Philippines Poland	+1
Portugal	+1
Qatar	+4
Reunion	+4
Rhodesia	+2
Rumania	+2
Rwanda	+2+9
Ryukyu Is.	
Sabah	+8
Sabah Sao Tome	0
Sarawak	+8
Senegal	0
Seychelles	+4
Sierra Leone	0
Singapore	+71/2
Solomon Is.	+11
Somalia	+3
South Africa	+2
South Yemen	+3
Spain	+1
Sudan	+2
Surinam	- 31/4
Sweden	+71/2 $+11$ $+3$ $+2$ $+3$ $+1$ $+2$ $-31/4$ $+1$ $+1$ $+2$ $(+3)$
Switzerland	+2(+3)
Syria	-10
Syria Tahiti	10
Tanzania Thailand	+3 +7 +8
Timor	+8
Togo	ŏ
Tunisia	+1
Turkey	+2
Uganda	+2 +3 0
Upper Volta	
Uruguay	-3
Uruguay USSR	
Moscow	+3
Baku	+4
Sverdlovsk	+5
Tashkent	+6
Novosibirsk	+7
Irkutsk	+8
Yakutsk	$^{+9}_{+10}$
Khabarovsk	+ 10 + 11
Magadan	$+11 \\ +12$
Petropavlovsk Anadyr	+ 11 + 12 + 13
USA	1 13
Eastern	-5(-4)
Central	-5(-4) -6(-5)
Mountain	-5 (-4) -6 (-5) -7 (-6) -8 (-7)
Pacific	-8(-7)
Vatican	+1
Venezuela	-4
Vietnam, S.	+8
Vietnam, N.	+7
Windward Is.	<u>-</u> 4
Yemen	+3
	, •
Yugoslavia	+1

THE WORLD'S TIME AT A GLANCE (GMT)

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		11100 11200 11300 11500
	ralia	1000 11200 11300 11500 1
	Australia	0900 11100 11100 11200 11300 11400 11500 1
	East	0800 0800 11200 11200 12000 12000 12000 12000 0000 00000 0000 0000 0000 0000 0000 0000
	Far E	0700 0800 0800 0800 11000 11000 11000 11000 11000 11000 11000 11000 0100 0100 0100 0100 0100 0100 0100
	Asia	2500 2500 2500 2500 2500 2500 2500 2500
	Cent.	05500 05000 05000 05000 05000 05000 05000 05000 05000 05000 05000 05000 05000 05000 05000 05000 05000 05000 05000 05000
1		00000 00000 00000 00000 00000 00000 0000
	4	2200 2200 2200 2200 2200 2200 2200 220
	Africa	7200 0 7300 0 74400 0 7500 0 7700 0 7700 0 7700 0 7700 0 7700 0 7700 1 7700 1 7
	e	01100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Europe	2200 2200 2200 00000 00000 00000 00000 00000 00000 0000
		2300 00000 00000 00000 00000 00000 00000 0000
)		
		2200 2300 0100 0100 0200 0300 0400 0500 0600 0600 0600 0600 0700 0800 0700 0800 0700 0800 0700 0800 0700 0
		2200 2200 2200 0000 0010 0020 0300 0400 0500 0500 0900 01100 11200 11200 11200 11500
		2200 22100 22200 22300 0000 00100 00200 0000 0000 0000 0000 0000 0000 0000 0000
		1900 22000 22000 22000 22000 00000 00000 00000 00000 00000 00000 0000
	States	1800 2200 2200 2200 2300 0000 0000 0000 0
	United	1700 22000 22000 22000 22000 22000 22000 0000 0000 0000 0000 0000 0000 0000 0000
		1500 1700 1700 1800 1900 2200 2200 2300 0000 0000 0000 0000 0
	United 9	1500 1500 1700 1700 1700 2200 2200 2200 2300 0000 0000 0000 0
	100	1400 1500 1500 1700 1900 2200 2200 2200 2200 0200 0200 02
		1300 1500 1500 1500 1700 1700 1900 1900 1900 1000 1000 10
		HEDESE AUDSES HUNGERINGEN HUNGERUNGEN HER HUNGER BEGINNER HUNGER HER BETRUCK HUNGER HUNGER

Thronocention of the control of the

attractive, they're fun to collect. Some listeners tape them to walls of their DX den. Others mount them in albums for

easy viewing.

Broadcasters are under no obligation to send a verification in return for your report. But most do so, particularly if your report was useful and provided them with information about your program likes and dislikes, or data on how their signal was received at your location.

A reception report consists of three basic parts; details proving it actually was their station you logged, information on how the signal was received, and your comments. To establish that you heard the station, you'll have to include the date and time of your reception, the frequency on which you heard it, and at least 15 minutes of details describing the programs you logged.

Determine the frequency as accurately as you can. This can be hard if your rig's dial readings aren't accurate. It's easier if the program is in English, for usually the announcer will give the frequencies in use. Or check White's Radio Log, found in the back of COMMUNICATIONS



Alan Jeeves, a junior at George Washington University, listens to shortwave to get a better understanding of the world scene.

WORLD. But, since stations often change frequency, it is possible that they are no longer using the channels on which

they're listed.

Times should be stated in Greenwich Mean Time (GMT), the DXer's universal standard. If you wish, include also the equivalent time in the country logged. The accompanying charts should help you determine this. Remember, that though it may be 11 p.m. EST, or 9 p.m. MST, where you live, it's only 6 p.m. in Hawaii, and already 5 a.m. tomorrow in Belgium and 9:30 a.m. tomorrow in India. But in each of these cases, the standard GMT is 0400 (4 a.m., expressed in the 24 hours clock system that begins with 0000 and runs through 2359).

Program details should be as complete as possible to provide the station with the best opportunity to determine that you actually hear them. For example, write, "1645 to 1700 GMT, English language newscast read by a man, with stories about airline crash, prime minister's speech and Common Market debate," not just, "1645, News broadcast."

When it comes to describing reception conditions, include an evaluation of the signal's strength, interference from other stations (QRM), atmospheric noise or static (QRN), the degree of signal fading (QSB) and overall rating of the reception quality.

You can describe these in some detail, or, in the case of the larger international broadcasters, who are familiar with the code, use the SINPO system.

SINPO stands for Signal Strength, Interference, atmospheric Noise, Propagational disturbance (fading) and Overall merit. Each item is rated on a numerical scale, from one to five, with the higher ratings indicating the most favorable conditions.

Ideally, therefore, SINPO 55555 would indicate studio-like reception. A typical reading for a strong, clear signal might be SINPO 55444. This would indicate an excellent signal strength, no interference from other stations, only slight static, and fading, and a general overall rating of "good."

To help the station's engineers evaluate your report, also include a description of your listening equipment.

Finally, add some personal touches to your report. Tell the station about your-

THE SINPO CODE

IIIII SAIII II	SIGNAL STRENGTH	NTERFERENCE ATMO	SPHERIC NOISE	PROPAGATION DISTURBANCE	Overall Merit
	5—Excellent	5—None	5—None	5—None	5—Excellent
	4—Good	4—Slight	4—Slight	4—Slight	4—Good
	3—Fair	3—Moderate	3—Moderate	3—Moderate	3—Fair
	2—Poor	2—Severe	2—Severe	2—Severe	2—Poor
	1—Barely audible	1—Extreme	1—Extreme	1—Extreme	1—Unusable

self, if you wish. Most stations like to know a bit about the people who are listening. Tell them the programs you particularly liked, and those you didn't. Politely ask that your report be verified by card or letter. And, enclose return postage, not U.S. stamps, which, of course, are worthless overseas. You can use mint stamps from the country you're writing. Unused or mint stamps can be purchased from the DX Stamp Service, 466 Weaver Rd., Webster, N.Y. 14580, or from stamp collecting supply houses. Or use International Reply Coupons (IRC's), which you can purchase for 15 cents from your postoffice. These can be exchanged by the station for sufficient stamps to mail a reply to

Utility stations sometimes verify with QSL cards too, but there are a few special factors to keep in mind. First, remember not to quote any portions of

the transmission which involve private communications. Station identifications, repeated test tape texts and the like are all right to mention, though. Secondly, these stations usually aren't set up for answering listener's reports, so it sometimes helps to type, on a card, a verification statement. (This will verify your reception of radio station XXX on XXXXX kilohertz, at XXXX hours GMT, on XXXXX 1971.) Leave a line for the signature of the station engineer.

Sending such a prepared QSL card with your report makes it a simple matter for the station engineer to validate it with his signature, thus providing your proof of reception, and mail it back to you. They may not be as "perty" as the station-designed QSL's sent by broadcasting stations, but they serve the purpose. And, particularly in the case of utility stations, enclose IRC's or return postage in mint stamp form.

LOCAL TIME VS. GREENWICH TIME

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

OTHER DX

Yes, it is possible to DX the regular medium wave band, 540 to 1600 kHz. and hear foreign stations! Though summer and early fall aren't the best times of year for this sort of listening, you probably will find medium wave (called broadcast band or BCB stations) from Cuba, Mexico and Central America coming in with some regularity, amidst the regular U.S. stations.

And there is quite a cult that gets its DXing kicks from tuning low powered BCB stations from elsewhere in the U.S. Trying to hear a 250 watt station in Vermont, if you happen to live in Utah, or logging a 500 watter in Portland, Oregon, if you're doing your dialing from Portland, Maine, can be as difficult

as any shortwave listening.

These domestic BCB DXers particularly hunt on the so-called "graveyard" channels, 1240, 1340, 1400, 1450 and 1490 kHz, which are used by over a thousand of these low powered local area stations.

And, especially during the summer months, it is possible to DX distant TV and FM stations. Under special conditions, these UHF and VHF signals can be received far beyond their normal range.

We'll be talking more about these

other forms of DXing in future issues of COMMUNICATIONS WORLD.

DX RADIO CLUBS

There is no better way of learning more about the hobby of DXing than by joining one of the listening clubs. Most issue regular, monthly (in some cases more frequent) bulletins filled with hobby information and news about the stations that are being heard.

Depending on the club and the type of mail service you request, annual membership fees range from several dollars to around \$14. A stamped, self-addressed envelope to any of the following North American clubs will bring you full details. There is usually a nominal charge for a sample copy of a club's bulletin, about 50 or 60 cents, depending on the club.

Two clubs cover medium wave DXing

only. They are:

National Radio Club, P.O. Box 99,

FREQUENCY vs. WAVELENGTH

At first, many SWL's are confused by the terms "frequency" and "wavelength." Actually both are different ways of saying the same thing. Wave length refers to the length of a particular radio wave, while frequency describes the number of times per second that the wave "vibrates." These are the formulas for converting one to the other:

Wavelength in meters ==

300,000 Frequency in kHz.

Frequency in kHz

300,000 Wavelength in meters



Many shortwave listeners get their first lessons in Spanish and Portugese by electronically travelling South of the Border, Down Mexico Way—and beyond! It's easy dialing the bands for the countless Central and South American broadcasters. A typical station is Radio Mundial, located on a busy street in the heart of Lima, Peru.

WHERE TO SEND YOUR REPORTS

ARGENTINA: Radiodifusion Argentina al Exterior, Sarmiento 151, Buenos Aires AUSTRALIA: Radio Australia, Box 428G, GPO, Melbourne Oesterreischer Rundfunk, 1041 Wien, Argentinierstr. 30a AUSTRIA: BULGARIA: Radio Sofia, Sofia CANADA: Canadian Broadcasting Corporation, Box 6000, Montreal Radio Nacional de Espana, Valentin Sanz 4, Sta. Cruz de Tenerife CANARY IS .: Radio Ceylon, Box 574, Colombo CEYLON: Radio Peking, Peking Radio Havana Cuba, Havana CHINA: CUBA: CZECHOSLOVAKIA: Radio Prague, Vinohradska 12, Prague DENMARK: Radio Denmark, Radiohouse, Rosenornsalle 22, Copenhagen La Voz de Los Andes, Casilla 691, Quito ECUADOR: Radio Voice of the Gospel, Box 654, Addis Ababa ETHIOPIA: Finnish Radio, Kesakatu 2, Helsinki FINLAND: Radiodiffusion-TV Française, 116 Avenue de Pres. Kennedy, Paris 16 FRANCE: GERMANY: Deutsche Welle, Cologne GHANA: Radio Ghana, Box 1633, Accra GREAT BRITAIN: British Broadcasting Corp., Broadcasting House, London WI HUNGARY: Radio Budapest, Brody Sandor 5-7, Budapest VIII INDIA: All India Radio, New Delhi Radiotelevisione Italiana, Viale Mazzini, Rome ITALY: JAPAN: Radio Japan, Tokyo MOZAMBIQUE: Radio Clube de Mozambique, Box 594, Lourenco Marques Radio Nederlands, Box 222, Hilversum NETHERLANDS: Radio New Zealand, Box 98, Wellington **NEW ZEALAND:** NIGERIA: Nigerian Broadcasting Corp., Broadcasting House, Lagos Radio Norway, Oslo NORWAY: Radio Pakistan, Ferozsons Bldg., Harding Rd., Rawalpindi Radio Warsaw, Niepodlegiosci 75/77, Warsaw PAKISTAN: POLAND: Radio Portugal, Rua do Quelhas 2, Lisbon PORTUGAL. Radio RSA, Box 8606, Johannesburg Radio Nacional de Espana, General Yaque 1, Madrid SOUTH AFRICA: SPAIN: SWEDEN: Radio Sweden, Box 955, Stockholm Swiss Broadcasting Corp., CH-3000, Bern 16 SWITZERLAND: USSR: Radio Moscow, Moscow

Cambridge, Mass. 02138

International Radio Club of America, 6059 Essex Street, Riverside, Cal. 92504

One which covers FM and TV DXing topics exclusively is World TV-FM DX Association, Box 5001, Milwaukee, Wisconsin 53204.

If you're interested in shortwave logging, one or more of the following may fit the bill:

Newark News Radio Club, 215 Market Street, Newark, N. J.

North American Shortwave Association, Box 989, Altoona, Pa. 16603

American SWL Club, 16182 Ballad Lane, Huntington Beach, Cal. 92647

Midwest DX Club, 6636 Davis Street, Morton Grove, Ill. 60053

If you're interested in what's going on among overseas DXers, you may consider joining one of the following clubs:

Australian Radio DX Club, P.O. Box 63, Kew, Victoria, 3101, Australia

Japanese Short Wave Club, P.O. Box 29, Sendai 980-91, Japan

New Zealand Radio DX League. P.O. Box 5165, Dunedin, New Zealand

World DX Club, 11 Wesley Grove, Portsmouth PO3 5ER, England

International Short Wave League, 60 White Street, Derby DE3 1HA,

England Danish Short Wave Club International, c/o American Representative, Mr.

Alan Roth, 1115 Lindley Street, Bridgeport, Conn. 06606

South African DX Club, 106 Geneva Drive, Camps Bay, C.P., South Africa Cimbrer DX Club, P.O. Box 27, 9600 Aars. Denmark



VOLUME 54

An up-to-date Directory of North American AM, FM, and TV Stations, including special sections on World-Wide Shortwave Stations and Emergency Stations for Selected Areas

White's Radio Log was founded in Providence, R. I. by Charles De Witt White as an extension of his earlier publishing activities. Interestingly enough, these, in turn, were a continuation of the business established by his father: the publication of city directories, street guides, and municipal tax guides.

In the early days of broadcasting, compiling a list of operating stations and their frequencies was no simple task. Reason was that prior to the Dill-White Radio Act of 1927, any feed merchant, auto dealer, barber, or undertaker who wanted to advertise his wares or services had only to select a frequency and go on the air. A great many experimenters and businessmen did just that.

Nevertheless, Mr. White's directory publishing experience had convinced him that he could successfully assemble a radio log. In 1924 he justified this conviction with The Rhode Island Radio Call Book, following this shortly after with White's Triple List of Radio Broadcasting Stations.

In 1927 the two publications were merged and nation-wide distribution established. In ensuing years related publications, such as Sponsored Radio Programs, Radio Announcer's Guide, Short-Wave Schedule Guide, and a special Canadian edition of the Log (which had had its title shortened to the one it bears today), were also issued.

The Log itself eventually reached a combined circulation of well over a million copies. It also came up with some rather unusual bedfellows. In 1929-31 it was distributed as the *Enna Jettick Radio Log* (to promote the sale of shoes); in 1938-9 as the *General Electric Radio Log* to promote General Electric's "sensational 1939 receivers with pushbutton tuning."

The Fall-Winter number of the 1927 Log listed 701 U.S. stations. Most powerful were WEAF (now WNBC), New York, with 50,000 watts; KDKA, Pittsburgh; WGY, Schenectady; and WJZ (now WABC), New York, each with 30,000 watts; WGN-WLIB, Chicago, with 15,000 watts; and Boston's WBZ, also with 15,000. Five stations listed (one a Junior High School in Norfolk, Va.) operated on a mighty 5 watts; more than 100 stations had outputs of less than 100 watts.

The current Log cross-indexes over 4244 U.S. standard-broadcast (AM) stations, over 2247 U.S. frequency-modulation (FM) and over 810 television stations, has a complete compilation of Canadian broadcasters, and, in addition, has a comprehensive world-wide roster of shortwave stations.

With the success of his Log, Charles De Witt White (a direct descendant of Peregrine White, the first child born on the Mayflower's historic crossing and bearer of the name of another illustrious ancestor, De Witt Clinton) disposed of his city directory and street guide interests. In time, he transferred his editorial operations to Bronxville, N. Y., a suburb of New York City,

where he could remain in close touch with the broadcasting industry. On April 6, 1957, having only recently completed revising and updating material for the 34th consecutive year of his *Log*, Mr. White died in his sleep. He was 76 years old.

Charles De Witt White's daughter and heir, Mrs. W. R. Washburn, sold all rights in and to the Log to Science & Mechanics Publishing Co., and entrusted us with continuing her father's work. This we were proud to do back in 1958 in RADIO-TV EXPERIMENTER—which later became the popular Science and Electronics.

Beginning with our first bimonthly issue in 1964, White's Radio Log was divided into three parts (it had grown to 60 pages in size and was much too large to incorporate in any one issue of a bimonthly. From 1964 until the present, we published the Log in three parts, updating each part right up to press time.

Then, in 1969, the size of the Log again necessitated a change. Therefore, White's Radio Log was published in six parts during 1969 and 1970. In each issue, we included

a major listing for either AM Broadcasting Stations, FM Broadcasting Stations or Television Stations; plus the expanded World-Wide Shortwave Section (brand new for each issue); plus the all-new Emergency Radio Listing for major US cities (a different major city appeared in every issue).

White's Radio Log will now be published in its complete form. Because of station changes, additions, and deletions, we agree —prompted by our readers—that we should publish the Log in one volume and do it twice a year. Understanding this need, we plan to present White's Radio Log in our new, semi-annual publication COMMUNICATIONS WORLD.

As we go to press, frequency allocation changes are being made by the US and Canadian governments. So we cordially invite all readers to inform the Editor of any changes that must be made to keep the Log up to date. We sometimes find that our readers are on top of the FCC and DOT! Keep your cards and letters coming—we appreciate them and know you can help us make a better Log.

Volume 54

WHITE'S RADIO LOG 1971 CONTENTS

Listing	Page
United States AM Stations by Frequency	56
United States AM Stations by Location	67
United States AM Stations by Call Letters	77
United States FM Stations by States	87
United States FM Stations by Call Letters	94
United States TV Stations by States	100
Canadian AM Stations by Frequency	103
Canadian AM Stations by Location	104
Canadian AM Stations by Call Letters	105
Canadian FM Stations by Location	106
Canadian FM Stations by Call Letters	106
Canadian TV Stations by Cities	107
World-Wide Shortwave Stations	108

WHITE'S



U.S. AM Stations by Frequency

U.S. stations listed alphabetically by states within groups. Abbreviations: kHz, frequency in kHocycles; 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 up to May 11, 1971.

TO (a)										
kHz Wave Length	W.P.	kHz Wa	ve Length			Wave Length	W.P.	kHz		W.P.
540—555.5		KYUK Bethe	el, Alaska n. Ariz.	5000d 5000	WAYS	Charlotte, N.C. Columbus. Ohio hiladeiphia. Pa. Houston. Tex. Logan. Utah Roanoke. Va. Winchester. Va.	5000 5000	WCTT WCBM	Corbin, Ky. Baltimore, Md.	1000
KVIP Redding, Calif.	1000	KMJ Fresne, KUBC Montr	Calif. ose, Colo.	5000 5000	WIP P	hiladelphia, Pa. Houston, Tex.	5000 5000	WRKO	Boston, Mass. Escanaba, Mich. St. Joseph, Mo. Clovis, N.M. Binghamton, N.Y. Rochester, N.Y. Raleigh, N.C. Sylva, N.C. Butler, Pa. San Juan, P. Rico.	50000 10000 5000
WGTO Cypress Gardens, Fla.	50000d	WDBO Orlan	do, Fla. sta, Ga.	5000 5000 5000	WSLS	Roanoke, Va.	5000 5000 500	KWKA	Clovis, N.M. Binghamton, N.Y.	5000 1000
KWMT Ft. Dodge, Iowa KNOE Monroe. La.	5000d 5000	WILL Urban	ia, III. attan. Kans.	5000d 5000	KONA	Winchester, Va. Kennewick, Richmond , Wash.	5000	WNYR	Rochester, N.Y. Raleigh, N.C.	250d 50000
WDAK Columbus, Ga. KWMT Ft. Dodge, Iowa KNOE Monroe, La. WDMV Pocomoke City, Md WLIX Islip, N.Y. WETC Wendell-Zebulon, N.	500d 250d	WIBW Topek KALB Alexa	(a, Kans. ndria, La.	5000 5000	620-		- 1	WMSJ	Sylva, N.C. Butler, Pa.	1000 250d
	5000d 250d	KYUK Bethe KIKX Tueson KMJ Fresno, KUBC Montr WDBO Orlan WGAC Augu: KFXD Namp WILL Urban KSAC Manha WIBW Topek KALB Alexa WTAG Wore: WELO Tupel	ester, Mass. o, Miss.	5000 1000 1000d				WMPS	Butler. Pa. San Juan, P.Rico Memphis, Tenn. San Antonio, Tex. Omak, Wash. Charleston, W.Va.	1000 10000 50000
WARO Canonsburg, Pa. WYNN Florence, S.C. WDXN Clarksville, Tenn.				500d	KNGS	Hanford, Calif. Mt. Shasta, Calif.	10000	KOMW	Omak, Wash. Charleston, W.Va.	b0001 00001
WDXN Clarksville, Tenn. WRIC Richlands, Va. WYLO Jackson, Wisc.	1000d 250d	WHP Harrish WKAQ San	burg, Pa. Juan, P.R.	5000 5000	KSTR WSUN	Grand Junction, Colo. St. Petershurg, Fla.	5000d 5000		-434.5	
550—545.1		KOBH Hot S WOFE Rocky	perton, N.C. nd, Oreg. burg, Pa. Juan, P.R. Springs, S.Dak. wood, Tenn. ock. Tex. enceville, Va. eston, W.Va. osse, Wis.	500d 1000d	KWAL	Phoenix, Ariz. Hanford, Calif, Mt. Shasta, Calif, Grand Junction, Colo. St. Petershurg, Fla. LaGrange, Ga. LaGrange, Ga. LaGrange, Ga. LaGrange, Ga. Louisville, Ky. Bangor, Maine Jackson, Miss. Newark, N.J. Syracuse, N.Y.	10000			50000d
	5000	WLES Lawre	enceville, Va.	500d 500d 5000	WTMT	Louisville, Ky.	500d 5000	KEOS KEVT	Birmingham, Ala. Flagstaff, Ariz. Tueson, Ariz. Tueson, Ariz. Tueson, Ariz. Ariz. Tueson, Tex. Tueson, Tu	1000 250d
KENI Anchorage, Alaska KOY Phoenix, Ariz, KAFY Bakersfield, Calif.	5000 1000	WKTY LaCre	osse, Wis.	5000	MANI	Jackson, Miss. Newark, N.J.	5000 5000	KBBA	Benton, Ark. Pueblo, Colo.	250d 250d
KRAI Craig, Colo. WAYR Orange Park, Fla.	5000 1000d	590—508	.2		WHEN	Syracuse, N.Y. Durham, N.C.	5000 5000	WADS	Jacksonville, Fla.	500d 50000 10000
KRAI Craig, Colo. WAYR Orange Park, Fla. WGGA Gainesville, Ga. KMVI Walluku, Hawaii KFRM Salina, Kans.	5000	KHAR Ancho	rage, Alaska	5000 1000d	WHJB	Greensburg, Pa.	5000 1000 500d	KBLI KGGF	Blackfoot, Idaho Coffeyville, Kans.	1000d 10000
WCBI Columbus, Miss.	5000d 1000 5000	KBHS Hot S	orage, Alaska liton, Ala. Springs, Ark. Bernardino, Cal.	5000d	WATE	Newark, N.J. Syracuse, N.Y. Durham, N.C. Portland, Oreg. Greensburg, Pa. Cayee, S.C. Knoxville, Tenn. Wichita Falls, Tex. Burlington, Vt. Beckley, W.Va. Milwaukee, Wis.	5000 5000	WTIX	New Orleans, La. Minneapolis, Minn.	10000 500d
KBOW Butte, Mont. WGR Buffalo, N.Y.	5000 5000	KTHO South	Lake Tahoe, C.	A 1000 1000	WVMT	Burlington, Vt. Beckley, W.Va.	5000 1000	KEYR	St. Leuis, Mo. Terrytown, Nebr.	1000d 1000d
KFRM Saline, Kans. WCBI Columbus, Miss. KSD St. Louis, Mo. KSD St. Louis, Mo. KSD W Butte. Mont. WGR Buffalo, N.Y. WDBM Statesville, N.C. KFYR Bismarek, N.Dak. WRRC Cineinnati, Ohio KOAC Corvallis, Oreg. WHLM Bloomsburg, Pa. WPAB Ponce, P.R. WXTR Pawtuoket, R.I. KCRS Midland, Tex. KTSA San Antonlo, Tex. WDEV Waterbury, Vt. WSVA Harrisonburg, Va. KARI Blaine, Wash. WSAU Wasau, Wis.	500d 5000	WDLP Pana WPLO Atlan	Bernardino, Cal. Lake Tahoe, C., , Colo. ma City, Fla. ta, Ga. lulu, Hawaii Falis, Idaho River, Ill. ngton, Ky n, Mass. ood, Mich. nave, Mont.	1000 5000	WTMJ		5000	KUSD	Vermillion, S.Dak.	1000d
KOAC Corvallis, Oreg.	5000 5000 1000	KID Idaho F	Falls, Idaho River III	5000	630-	-475.9		KPET KZEY	Lamesa, Tex. Tyler, Tex.	250 5000d
WPAB Ponce, P.R. WXTR Pawtucket, R.I.	5000 1000	WVLK Lexin	gton, Ky n. Mass.	5000 5000	WAVU	Albertville, Ala. Thomasville, Ala.	1000d	WNNT	Bristol, Va. Warsaw, Va.	10000d 250d 500d
KCRS Midland, Tex. KTSA San Antonio, Tex.	5000 5000	WJMS Ironw WKZO Kalar	ood, Mich. nazoo, Mich.	5000 5000	KVMA	Juneau, Alaska Magnolia, Ark. Monterey, Calif	10004	WAGO	Oshkosh, Wis.	2504
WSVA Harrisonburg, Va.	5000	WOW Omaha	ive, Mant. 1, Nebr.	500d 5000 5000	KHOW	Denver, Colo. Washington, D.C.	5000 5000	700-	-428.3	
WSAU Wausau, Wis.	5000 5000	WCAB Ruth	erfordton, N.C.	500d 5000	WSAV	Savannah, Ga. Toccoa, Ga.	5000 500d	WLW	Cincinnati, Ohio	50000
560535.4		KUGN Euger WARM Scrat	nazoo, Mien. ive, Mont. i, Nebr. iny, N.Y. erfordton, N.C. on, N.C. no, Oreg. nton, Pa. ntown, Pa. n Tay.	5000 5000	WLAP	Boise, Idaho Lexington, Ky. Thibadayy La	5000 5000	710—	-422.3	
WOOF Dothan, Ala, KVOK Kodiak, Alaska	0000 0001	WMBS Unio	ntown, Pa. n, Tex.	1000 000 1000	KDWB	Thomasville, Ala. Juneau, Alaska Magnolia, Ark. Monterey, Calif. Denver, Colo. Washington, D.C. Savannah, Ga. Toecea, Ga. Boise, Idaho, Ky. Thibodaux, La. So. St. Paul, Minn. St. Louis, Mo. Beigrade, Mont. Louis, Mo. Beigrade, Mont. Louis, Mo. Wilmington, N. Mex. Hickory, N.C. Coquille, Oreg. Scranton, C. R. I. San Antonio, Tex. Salt Lake City, Utal Edmonds, Wash. Opportunity, WA	5000 5000	WKRG	Mobile, Ala.	1000
KBLU Yuma, AZ KSFO San Fran Calif.	1000	KTBC Austin KSUB Cedar WLVA Lynci KHQ Spokan	hburg, Va.	1000 5000	KGVW KOH F	Beigrade, Mont. Reno, Nev.	1000d 5000	KBTR	Mobile, Ala. Los Angeles, Calif. Denver, Colo. Miami. Fla.	5000 50000
KBLU Yuma, AZ KSFO San Fran., Calif. KLZ Denver, Colo. WQAM Miami, Fla. WIND Chicago, Ill. WHIK Middlesboro. Ky. WGAN Portland, Maine WFRB Frostburg, Md. WHYN Springfield, Md. WHYN Springfield, Md. WHYN Springfield, Mo. KWTO Springfield, Mo. KMON Great Falls. Mont. WGKL Catskill. N.C. WGAI Elizabeth, N.C.	5000 5000	600-499		2000	WIRC	Hickory, N.C.	500d	WUFF	Denver, Colo. Miami, Fla. Eastman, Ga. Rome, Ga. Shreveport, La. Kansas City, Mo. New York, N.Y. Asheboro, N.C. i Rose Hill, N.C. Mayaguez, P.Rico	1000d
WIND Chicago, III. WMIK Middlesboro, Ky.	5000 500d	-		1000d	KWRO	Coquille, Oreg.	5000d	WHB	Shreveport, La. Kansas City, Mo.	50000 10000
WFRB Frostburg, Md. WHYN Springfield, Mass.	5000 1000d 5000	KCLS Flags	prise, Ala. taff, Ariz. ing. Calif. Diego, Calif. Ilins, CO eport, Conn.	5000 1000	WPRO	Providence, R.I. San Antonio, Tex.	5000 5000	WZOO	Ashebero, N.C.	50000 1000d 250d
WOTE Monroe, Mich. WEBC Duluth, Minn.	500d 5000	KOGO San KIIX Ft. Co	Diego, Calif.	1000d	KSXX	Salt Lake City, Utah Edmonds, Wash,	1000d	WKJB	Mayaguez, P.Rico Paris, Tenn.	1000 250d
KWTO Springfield, Mo. KMON Great Falls, Mont.	5000 5000	WPDQ Jacks	eport, Conn. onville, Fla.	1000 5000 5000	(20N	ACO E	10000	KURV	Mayaguez, P.Rico Mayaguez, P.Rico Paris, Tenn. Amarillo, Tex. Edinburg, Tex. Seattle, Wash. Superior, Wis.	10000 250
WGAI Elizabeth, N.C. WFIL Philadelphia, Pa.	1000 1000 5000	WVOG New WFST Carib	Orleans, La.	1000d 5000d		-468.5		WDSM	Seattle, Wash. Superior, Wis.	50000 5000
WIS Columbia S.C.	5000 5000	WCAO Balti WLST Escan	eport, Conn. onville, Fla. Rapids, Iowa Orleans, La. ou, Maine more, Md. aba, Mich. , Mich, pell Mont. onv. N.C.	5000 1000d	WOI A	os Angeles, Calif. mes, Iowa Akron, O.	0000d 1000d	720-	-416.4	
WHBQ Memphis, Tenn, KLVI Beaumont, Tex. KPQ Wenatchee, Wash. WJLS Beckley, W.Va.	5000 5000	KGEZ Kalis	, Mich. pell Mont.	0001	WNAD	Norman, Okla.	10004	KUAI	Eleele, Hawaii	5000 50000
	5000	WSJS Winst	pell Mont. phy, N.C. ton-Salem, N.C town, N.D.	, 5000 5000	650—	-461.3			Chicago, III.	30000
570—526.0		WSOM Saler WFRM Coud	n, Ohio lersport, Pa.	10000	KORI	Anchorage, Alaska Honolulu, Hawaii	50000 10000		-410.7	10001
WAAX Gadsden, Ala. KCNO Alturas, Cal. KLAC Los Angeles, Calif.	5000 5000d	WFRM Coud WAEL Maya WREC Memi KROD El Pa KERB Kerm	guez, P.R. phis, Tenn.	1000 5000	WOBS	San Juan, P.R. Nashville, Tenn. Pasadena, Texas	1000 50000	KSUD	W. Memphis, Ark.	1000d 250d 5000d
	5000 500d 5000	KERB Kerm	it, Tex.	5000 1000d 1000	KIKK	Pasadena, Texas	250d	KLOE	Goodland, Kans.	1000d 500d
WACL Wayeross, Ga. WKYX Paducah, Ky. WGMS Bethesda. Md.	1000 5000	WVAR Rich	wood, W.Va.	10004	660—	-454.3		WMTC	/ Athens, Ga. W. Memphis, Ark. Thomasville, Ga. Goodland, Kans. V Madisonville, Ky. Vancleve, Ky. Bastrop, La. Covington, La.	1000d 250d
WVMI Biloxi, Miss. KGRT Las Cruces, N.Mex. WMCA New York, N.Y.	1000d 5000d	610-491	.5		KFAR KOWH	Fairbanks, Alaska Omaha, Neb.	00001 00001	WACE	Chicago Mass	E0004
WSYR Syracuse, N.Y. WWNC Asheville, N.C.	5000 5000 5000	WSGN Birm	ingham, Ala. aster. Calif.	5000 1000	WESC	Omaha, Neb. New York, N.Y. Greenville, S.C.	50000 10000d	WVIC	E. Lansing, Mich. Warrenton, Mo. Worthington, Minn.	500d 1000d
WILLE KRIEIGH, N.C.	5000 500d 5000	WIOK TOFFE	aster, Calif. Francisco, Calif ngton, Cons.	1000		Dallas, Tex.	10000d	KWOA KURL KDAZ		
WKBN Youngstown, Ohio WNAX Yankton, S.Dak, WFAA Dallas, Tex.	5000	WIOD Miam	ii, Fla. Sacola, Fla.	500d		-44 7. 5	E0000	KDAZ WDOS WFMC	Oneonta. N.Y.	1000d 1000d
WBAP Ft. Worth, Tex. KLUB Salt Lake City, Uta KVI Seattle, Wash.	5000 5000	KNAH Agan WRUS Russ	kinsville, Ga. Ia. Guam ellville, Ky.	500d 1000 500d	MWYO	Boise, Idaho Chicago, III.	50000 50000	WOHS	Sheldy, N.C.	10000
WMAM Marinette, Wis.	5000 250	KDAL Dulu WDAF Kans	th, Minn. sas City, Mo.	5000 5000	680-	-440.9		WNAK	Bowling Green, Ohi Medford, Oreg. Nanticoke, Pa.	1000d
580—516.9		KOSB Chade	e, Mont.	1000d	KNBR	San Francisco, Cal.	50000	WPAL	Pittsburgh, Pa. Charleston, S.C.	5000d 1000d 100nd
WABT Tuskegee, Ala.	500₫	KGGM Albu	querque, N.M.	. 5000	WRNG	North Atlanta, Ga.	25000d	KKDA	Lenoir, Tenn. Grand Prairle, Tex	. 500d
F.O.								~	***	

COMMUNICATIONS WORLD

	kHz Wave Length		_		kHx Wave Length W.P.
740405.2 WBAM Montgomery, Ala. 50000d KMEO Phoenix. Ariz. 10000d KBIG Avalon, Cal. 10000d	WETB Johnson City, Tenn. WMC Memphis, Tenn. KULF Houston, Tex. 'KFYO Lubbock, Tex. 'KFYO Lubbock, Tex. 'KITA Blanding, Utah WSIG Mount Jackson, Va. WTAR Norfolk, Va. IKGMI Bellingham, Wash. KJRB Spokane, Wash. WEAQ Eau Clairc, Wis.	1000d 5000 5000 5000 1000d 1000d 5000 5000	KFUO Clayton, Mo. WKIX Raleigh, N.C. WJW Cleveland, Ohio KRPT Anadarko, Okla. WJAC Johnstown, Pa.	10000 10000 10000 10000	WFRO Fremont, Ohlo WCPA Clearfield, Pa., 1000d WFLN Philadelphia, Pa., 1000d WKXV Knoxville, Tenn, 1000d WCOR Lehanon, Tenn, 500d KALT Atlanta, Tex., 1000d KMCO Conroe, Tex., 1000d KCLW Hamilton, Tex., 250d KCLW Hamilton, Tex., 250d WAFC Staunton, Va., KUEN Wenatchee, Wash, 1000d
KCBS San Francisco, Calif. 50000 KSSS Colorado Springs, Colo. 1000	800374.8		860348.6		WATE Antigo. Wis. 250d
KVFC Cortez, Colo. 1000 WSBR Boca Raton, Fla. 1000d WKIS Orlando, Fla. 1000d WKIS Orlando, Fla. 5000 KYME Boise, Idaho 5000 WVLN Olney, III. 1000d WOLN Olney, III. 1000d WOLN Olney, III. 1000d WOLN Olney, III. 1000d WOOR Carlshad, N.M. 2500 WGCAS Cambridge, Mass. 2500 KBAD Carlshad, N.M. WGSM Huntington, N.Y. 5000d WPAQ Mount Airy, N.C. 1000d WPAQ Mount Airy, N.C. 1000d WYCH Chester, Pa. 1000d WYCH Chester, Pa. 1000d WIAC San Juan, P. Rico WIAC Hullahoma, Tenn. 250d WIAC San Juan, P. Rico WIAC Hullahoma, Tenn. 250d KTRH Houston, Tex. 50000 WBOW Baraboo, Wis. 250d	WMGY Montgomery, Ala. KINY Juneau, Alaska KAGH Crossett, Ark. KUOM Morritton, Ark. KUZZ Bakersfield, Calif. KERN Brighton, Colo. WLAD Danbury, Conn. WSST Largo, Fla. WIAT Swainsboro, Ga. WSUZ Palatka, Fla. WIAT Swainsboro, Ga. WKZI Casey, Ill. KXIC lowa City, lowa WKZI Casey, Ill. KXIC lowa City, lowa WKZI Casey, Ill. KXIC lowa City, lowa KZI Casey, Ill. KXIC Information, Mo. WKZI Casey, Ill. KXIC Lowa City, lowa WKZI Casey, Ill. KXIC Lowa City, lowa WKZI Casey, Ill. KXIC Lowa City, lowa WKZI Casey, Ill. KYLO Lowerie, Minn. KREI Farmington, Mo. WTMR Canden, N. J. KJEM Okla, City, Okla, KPDQ Petland, Ore, WCHA Chambersburg, Pa. WSG Dilon, S.C. WSG Billon, S.C. WSG Billon, S.C.	5000 250d 250d 250d 500d 1000d 1000d 1000d 1000d 1000d 1000d 1000d 1000d 1000d 250d 1000d	WAMI Opp, Ala. I KIFN Phoenix, Ariz, KISE Oscola, Ark. KNER Oscola, Ark. KRHE Marren, Ark. KTRB Modesto, Calif. WAZE Clearwater, Fla. WKKO Cocca. Fla. WERD Allanta, Ga. I WDMG Douglas, Ga. WGOM Marion, Ind. KWPC Muscatine, Iowa KOAM Pitsburg, Kan. WSOY Henderson, Ky. WEYN MAGE Forest, Miss. KARS Belen, N. Mex. WFMO Fairmont, N. C.	000d 000d 1000d 500d 1000d 1000d 250d 1000d 250d 1000d 250d 1000d 250d 1000d 250d 1000d 250d 1000d	KBIM Roswell, N.M. 5000 WRKL New City, N.Y. 1000d WLAS Jacksonville, N.C. 5000d
KFQD Ancherage, Alaska 50000 WSB Atlanta, Ga. 50000 KMSB Grand Island, Neb. 10000d WHEB Portsmouth, N.H. 10000d KSEO Durant, Okla. 2500 KXL Portland, Oreg. 50000d WPDX Clarksburg, W.Va. 1000d	KODD Dumas. Tex. KBUH Brigham City. Utah WSVS Crewe. Va. KQIN Burien, Wash. WKEE Huntington, V.A. WDUX Wupaca. Wis. 810—370.2 KGO San Francisco, Calif.		KFST Ft. Stockton, Tex. KPAN Hereford, Tex. KSFA Nacogdoches, Tex.	250d 250d 250d	KCJB Minot. N.D. 5000 WBRJ: Marietta, 0. 5000 WBRJ: Marietta, 0. 5000 WFFB Middletown. Ohio 1000 KURY Brooking. Orig. 1000 WAVL Apolito, Pa. 1000 WGBI Scranton. Pa. 1000 WSBA York. Pe. 5000 WFR P. 6000 WFR P. 7000 WFR P. 7
760—394.5 KFMB San Diego, Cal. KGU Honolulu, Hawaii WJR Detroit, Mich. WCPS Tarboro, N.C. 0000 WORA Mayaguez, P.R. 770—389.4	WYRE Annapolis, Md. WYRE Annapolis, Md. WSJC Magee, Miss. WJPW Rockford, Mich. KCMO Kansas City, Mo. KAFE Santa Fe, N.M.	250d 250d 250d	WCHU Ithaca, N.Y. 5 WHOA San Juan, P.R. KJIM Ft. Worth, Tex.	5000d 5000	WRNL Richmond, Va. 5000 WTOY Roanoke, Va. 1000d
KUOM Minneapolis, Minn. 5000d WCAL Northfield, Minn. 5000d WEW St. Louis, Mo. 1000d KOB Albuquerque, N.Mex. 50000 WABC New York, N.Y. 50000 KXA Seattle, Wash, 1000d 780—384.4	WKVM San Juan, P.R. WQIZ St. George, S.C. KBHB Sturgis, S.D. WMTS Murfreesboro, Tenn. KWDR Del Rio, Tex. WPED Crozet, Va. WDMP Dodgsville, Wis, WELF Tomahawk, Wis.	10000	880—340.7 KRVN Lexington, Neb. SWCBS New York, N.Y. SWRRZ Clinton N.C.	20000	KISN Vancouver, Wash. 5000 WHSM Hayward, Wis. 5000d WDOR Sturgeon Bay, Wis. 1000d 920—325.9
WJAG Norfolk, Neb. 1000d KCRL Reno, Nev. 50000 WCKB Duna, N.C. 1000d WBBO Forest City, N.C. 1000d KSPI Stillwater, Okla. 250d WAVA Arlington, Va. 1000d	WAIT Chicago, III. WIKY Evansville, Ind. WOSU Columbus, Ohio	5000d 250d 5000d 50000 50000	WLS Chicago, III. WHNC Henderson, N.C. KBYE Okla, City, Okla.	000d	KSRM Soldotna, Alaska KARK Little Rock, Ark. 5000 KARK Little Rock, Ark. 5000 KLOC Ceres, Calif. 5000 KVEC Sam Luis Obispo, Cal. 5000 KVEC Sam Luis Obispo, Cal. 5000 WTRS Dunnellon. Fla. 5000 WTRS Dunnellon. Fla. 5000 WGST Atlanta, Ga. 5000 WGNU Granite City. III. 5000 WGNU Granite City. III. 5000 WHOIM Metropolis. III. 11. 6000
KCEE Tusson. Ariz. KOSY Texarkana, Ark. SOOO WFUN Miami, Fla. SOOO WFUN Miami, Fla. SOOO WPFA Pensacola, Fla. SOOO WYNR Brunswick, Ga. SOOO WYNR Brunswick, Ga. SOOO KSPD Boise, Idaho KSPD Soda Springs, Ida. SOOO WARMS Beardstown, Ill. SOOO WAKY Louisville, Ky. SOOO WALW Rumford, Me. SOOO WGWNY Mathertown, NY. WLSV Wellsville, NY. SOOO WANY Watertown, NY. WTNC Thomasylle, N.C. Book	KBDA Kennett. Mo. WNYC New York, N.Y. 840—356.9 WMOB Mohife. Ala. WRYM New Britain. Conn. WHAS Louisville. Ky. WYPO Stroudshurg. Pa. 850—352.7 WYDE Birmingham. Ala. KICY Nome. Alaska KGKO Benton. Ark. KGOE Thousand Oaks. Calif. KOA Denver. Colo. WRUF Gainesville. Fla. WEAT W. Palm Beach. Fla. WEAT W. Palm Beach. Fla. WCUG Cuthhert. Ga. KHLO Hilo. Hawaii WIVS Crystal Lake. III. WHDH Boston. Mass. WKBZ Muskegon. Micb.	50000 1000d 1000d 1000d 1000d 50000 250d 50000 1000d 50000 50000 5000d 5000d 5000d 5000d 5000d	NEIF Fressio. Calif S. KGRB West Covina. Cal. WJWL Georgetown, Del. WSWN Belle Glade. Fla. WMOP Ocala. Fla. WMOP Ocala. Fla. WMOP Ocala. Fla. WMOP Macon. Ga. KTEE Idaho Falls. Ida. KEYN Wirhita. Kan. WFIA Louisville. Ky. WLSI Pikeville. Ky. WLSI Pikeville. Ky. KREH Oakdale. La. WGME Brunswick. Maine WLMD Laurel. Md. WATC Gaylord. Mich. KTIS Minneapolis. Minn. WDDT Greenville. Miss. KFAL Fulton. Mo. KJSK Columbus. Nebr. WBTW Doonville. N.Y. WSTW Doonville. N.Y. WKI KJ Saratoga Springs. N.Y. WKI KGranite Falls. N.C. WAYN Rockingham, N.C.	1000d 1250d 1000d 250d 1000d 250d 1000d 250d 1000d	WBOX Bogalusa, L., 1000d KTOC Jongrop, L., 1000d KYPTX Lexington Park, Md, 5000 WMPL Hancock, Mich. 1000 KWAD Wadena, Minn. 1000 KWYS W, Yellowstone, Mont. 1000 KORK Las Vegas, Nev. 5000 KORK Las Vegas, Nev. 5000 KORK Las Vegas, Nev. 5000 WKRT Gorland, N. 1000 WKRT Cortland, N. 1000 WKRT Cortland, N. 1000 WKRT Cortland, N. 1000 WKRT Cortland, N. 1000 WKRD Lake Placid, N. 1000 WKRD Lake Placid, N. 1000 WKND Lake Placid, N. 1000 WKWA Lewistown, Pa. 1000 WKVA Lewistown, Pa. 1000 WKVA Lewistown, Pa. 1000 WKVA Lewistown, Pa. 1000 WKVA Lewistown, Pa. 1000 WKND Torigheburg, S.C. 1000d WIND Torigheburg, S.C. 1000d WKLU Rajnd City, S. Dak. 1000 WKLU Livingston, Tenn. 1000 KKEJE RIPASO, Tex. 1000 KKEJE RIPASO, Tex. 1000 KKEJE RIPASO, Tex. 1000 KKEJE RIPASO, Tex. 1000 KKTU Rajnd City, S. Dak. 1000 KKEJE RIPASO, Tex. 1000 KKLY TEXAS CITY, Tex, 1000

WHITE'S

kHz	Wave Length	W.P.
	Spokane, Wash. I Fairmont, W.Va. Milwaukee, Wis.	0000 0000 10000

WMMN Fairmont, W.V. WOKY Milwaukee, Wis.

930-322.4

WIRY	Gadsen, Ala.	1000d
KTKN	Ketchikan, Alaska	5000
KAPR	Douglas Ariz	10000
KAFF	Flagstaff, Ariz.	5000d
KHJ L	os Aneles, Calif.	5000
KEWA	Paradise, Calif.	5000 500d
KIUP	Durango, Colo.	5000
WTHD	Milford, Del.	500d
WHAN	Haines City, Fla	500d
WJAX	Jacksonville, Fla.	5000
WKXY	Sarasota, Fla. Bainbridge, Ga.	1000
WMGR	Bainbridge, Ga.	5000
KSEI	Pocatello, Idaho	5000
WTAD	Quincy, III.	5000
WHON	Centerville, Ind. Bowling Green, Ky	500d
WKUT	Bowling Green, Ky	. [000
WREB	Frederick, Md.	5000
WBCK		500d
	Battle Creek, Mich. Aitkin, Minn.	5000
WSII	Jackson, Miss.	10000
KWAC	Poplar Bluff. Mo.	5000 5000
KYSS	Missoula Mont	5000d
KOGA	Ogallala Nehr	500d
KCCC	Ogallala, Nebr. Carlsbad, N.M.	10004
WSOC	Charlotte, N.C. Washington, N.C. Rochester, N.H. Paterson, N.J.	5000
WITN	Washington, N.C.	5000
WWNE	Rochester, N.H.	5000
WPAT	Paterson, N.J.	8000
WBEN	Buffalo, N.Y.	5000
WIZR	Paterson, N.J. Buffalo, N.Y. Johnstown, N.Y.	10004
		1000
WKY	Oklahoma City, Okla	. 5000
KAGI	Grants Pass. Oreg.	5000
KSWB	Seaside, Ore.	1000d
WENG	Bloomsburg, Pa.	10004
MEVO	Cabo Rojo, P.R. Aberdeen, S.D.	500d
WSEV	Sevierville, Tenn.	1000
KDEŤ		5000d
KITE	Terrell Wills Tax	1000d 5000
WLLL	Terrell Hills, Tex. Lynchburg, Va.	5000d
KBFW	Lynchburg, Va. Bellingham, Wash. Yakima, Wash.	5000d
KOOT	Yakima, Wash.	10004
WGNT	Huntinton, W.Va.	5000
KROE	Sheridan, Wyo.	p0001
WLBL	Auburndale, Wis.	5000d

940-319.0

KHOS Tucson, Arlz.	1000
KFRE Fresno, Calif.	50000
WINE Brookfield, Conn.	1000d
WLQH Chiefland, Fla.	500d
WINZ Miami, Fla.	50000
WMAZ Macon, Ga.	50000
KAHN Wainahu, Hawali	10000
WMIX Mt. Vernon, III.	50004
KIOA Des Moines Iowa	10000
WCND Shelbyville, Ky.	250d
WIDG St. Ignace, Mich,	5000d
WJOR South Haven, Mich.	1000d
WCPC Houston, Miss.	50000d
KSMW Aurora, Mo.	500d
KVSH Valentine. Nebr.	5000d
WFNC Fayetteville, N.C.	50000
WCIT Lima. Ohio	250d
WNAL Nelsonville, Ohlo	250d
KGRL Bend. Oreg.	1000d
KWRC Woodburn, Ore.	10004
WESA Unarieroi. Pa.	2504
WGRP Greenville, Pa.	10004
WIPR San Juan, P.R.	10000
WECO Wartburg, Tenn.	1000
KIXZ Amarillo, Tex.	5000
KTON Belton. Tex.	1000d
KATQ Texarkana, Tex.	1000d
KBRE Cedar City. Utah	
WNRG Grundy, Va.	5000d
WFAW Ft. Atkinsen. Wis.	500d
WCSW Shell Lake, Wis.	10000

950-315.6

WRMA Montgomery, Ala.
KXJK Forrest City, Ark.
KFSA Ft. Smith. Ark.
KAHI Auburn, Calif.
KIMN Denver, Colo.
WLOF Orlando, Fla.
WGTA Summerville, Ga.
WGOV Valdosta, Ga.
KATN Boise, Ida.

	L. L. L.	Wave	1	44.	w.
	KHX KLER WGRT WXLW KOEL KJRG WYWY WAGM WXLN		_	""	•••
ı	KLER	Orofino,	lda.		. 10
	WGRT	Chicago,	111.	1-4	100 500
١	MYP'M	Indiana Oelwein,	la la	ing.	50
	KJRG	Newton.	Kans.		50
	WYWY	Barbour	ville.	Ky.	100
	WAGM	Presque	Isle,	Main	50
	WXLN	Potomac	-Cabir	Md,	100
	WRYT	Boston.	Mass.	mu.	500
	WWJ	Boston, Detroit,	Mich.		50
	KRSI S	St. Louis Hatties	Park,	Minn	10
	WBKH	Hatties Jefferson	Durg,	MISS.	500
	KNET	Bayard,	N M	mo.	100
	WHVW	Hyde P	ark. N	I.Y.	50
	WBBF	Rochest Utica,	er, N.	Υ.	10
	WIBX	Utica, I	1.Y.		50
	WALL	Greensb	oro, N	.0.	50 100
	WNCC	Rarnach	DEO P		50
	WPEN	Philadel Moncks Spartani Waterto	phia,	Pa.	50
	WBER	Moncks	Corner	. s.c.	50
	WSPA	Spartani	burg.	S.C.	50
	WAGG	Frankli	WII. S.	Dak.	100
	KDSX	Frankiii Denison	Sherm	 ап. Те	x. 5
	KPRC	Houston, Lubbock,	Tex.		50
	KSEL	Lubbock,	Tex.		50
	WAUI	Richmon	d, Va.	•	500 50
	WERL	eattle, W Eagle R Charlest Sheboyg Kemmer	iver. \	Vis.	100
	WKAZ	Charlest	ton, W	.Va.	
	WKTS	Sheboyg	ап, W	is.	50 50
	KMER	Kemmer	er, W	yo.	500
	040	-312.3			
	700-	-3 I Z.3			
	WRRC	Birming	ham.	Ala.	50
	KOOL	Phoenix, Apple V	Ariz.	~~~	50
	KAVR	Apple V	alley.	Calif.	500
	KNEZ	Lompoc,	Callf		50 50
	KABL	Oakland,	URIII	onn	50

960—312.3	
WBRC Birmingham, Ala.	5000
KOOL Phoenix, Ariz.	5000
KAVR Apple Valley, Calif.	5000d
KNEZ Lompoc, Calif. KABL Oakland, Calif.	500
KABL Dakland, Calif.	5000
WELI New Haven, Conn.	5000
WGRO Lake City, Fla.	500d 1000d
WJCM Sebring, Fla. WJAZ Albany, Ga.	5000d
WRFC Athens, Ga.	5000
LCDA Colman Idaha	10000
WDLM E. Moline, III.	10000
WSBT South Bend, Ind.	5000
KMA Shenandoah, Iowa	5000
WORT Desetendence Men	5000d
KROF Abbeville, La. WBOC Salisbury, Md.	1000d
WBOC Salisbury, Md.	5000
WFGL Fitchburg, Mass. WHAK Rogers City, Mich.	1000
WHAK Regers City, Mich.	5000d
KLTF Little Falls, Minn.	500d
WABG Greenwood, Miss.	1000
KFVS Cane Girardeau, Mo. KFLN Baker, Mont.	5000d
KNEB Scottsbluff, Nebr.	0001
KWYK Farminton, N.Mex.	10000
WFAV Plattchurg N.V.	5000
WETC Kinston, N.C.	5000
WWST Wooster, Ohio	1000d
KGWA Enid, Okla.	1000
KWYK Farminton, N.Mex, WEAV Plattshurg, N.C. WFTC Kinston, N.C. WWST Wooster, Ohio KGWA Enid, Okla. WHYL Carlisle, Pa. WKZA Kane, Pa. WATS Savre, Pa.	5000d
WKZA Kane, Pa.	1000d
WATS Savre, Pa.	10009
WATS Savre. Pa. WBEU Beaufort. S.C. WBMC McMinnville, Tenn.	10009
WBMC McMinnville, Tenn.	D000
KIMP Mt. Pleasant, Tex. KGKL San Angelo, Tex. KGVO Provo, Utah WFIR Roanoke, Va. KALE Richland, Wash. WTCH Shawano, Wis.	10004
KOVO Prove Lites	5000 5000
WEIR Boanche Va	5000
KALE Richland Wash	1000
WTCH Shawano, Wis.	1000
and an analy with	. 000

970-309.1	
WERH Hamilton, Ala. WTBF Troy. Ala. KIAK Fairbanks, Ala.	
WTBF Troy, Ala. KIAK Fairbanks, Ala. KVWM Show Low, Ari	
KIAK Fairbanks, Ala.	
KVWM Show Low. Arl	Z.
KNEA Jonesboro, Ark.	
KBIS Bakersfield, Call	۲.
KCHV Coachella, Calif KBEE Modesto, Calif. KFFL Puehlo, Colo.	
KBEE Modesto, Calif.	
KFFL Puehlo, Colo,	4
WILL Jacksonville, FI	а.
WELA Tampa, Fla.	
WOZN Jacksonville, FI WFLA Tampa, Fla. Wiln Atlanta, Ga. WVOP Vidalia. Ga. KPUA Hilo. Hawali	
WVOP Vidalia. Ga. KPUA Hilo. Hawali	
KAYT Rupert, Idaho	
WMAY Springfield, III,	
WAVE I Autovilla VV	
KSYL Alexandria, La. WCSH Portland, Maine WAMD Aberdeen, Md.	
WCSH Portland, Maine	
WAMD Aberdeen, Md.	
WESO Southbridge, M. WCKD Ishneming, Mio	ass.
WCKD Ishneming. Mio	h.
WYHM Jackson, Mich.	
KOAQ Austin. Minn.	
WRKN Brandon. Miss.	
KOOK Billigs, Mont.	
KIT No. Platte. Nebr KVEG Las Vegas, Nev WIRZ Harkensack, N.J	
KVER Las Vegas, Nev	
WINZ Hackensack, N.J	
WEBR Buffalo, N.Y.	
WCHN Namilah N.Y.	

W.P.		
0001 b0001	WRCS Ahoskie, N.C. WWIT Canton, N.C. WWIT Fargo, N.Dak, WREO Ashtabula, Ohlo WATH Athens, Ohlo KAKC Tulsa, Okla,	
5000d	WDAY Fargo, N.Dak.	
5000 500d	WREO Ashtabula, Ohio	
10000	WREO Ashtabula, Ohlo WATH Athens, Ohlo KAKC Tulsa, Okla,	
e 5000		
1000d	WBLF Beilefonte, Pa. WWSW Pittsburgh, Pa. WJMX Florence, S.C.	
5000d	WJMX Florence, S.C.	
5000	KTAP Austin, Tex.	
n. 1000 5000d	KNOK Ft. Worth, Tex.	
5000	WSTX Christlansted, V.1.	
1000d 500d		
1000	WANY Waynesboro. Va. KREM Spokane, Wash. WWYO Pineville, W.Va. WHA Madison, Wis.	
5000	WWYO Pineville, W.Va.	
500d 1000d	WHA Madison, Wis.	
500d	980-305.9	
5000 500d	700-303.7	
5000	WKLF Clanton, Ala.	
1000	WXLL Big Delta, Alaska KFWJ Lake Havasu City,	
1000d ex500	Ariz.	
5000	KCAB Dardanelle, Ark. KINS Eureka, Calif. KEAP Fresno, Calif. KFWB Los Angeles, Calif.	
5000 5000d	KINS Eureka, Calif.	
5000	KEAP Fresno, Calif. KFWB Los Angeles, Calif.	
10004	KCTY Salinas, Calif. KGLN Glonnwood Springs,	
5000 500d	Colo.	
5000d	WSUB Groton, Conn.	
	WRC Washington, D.C. WDVH Gainesville, Fla.	
	WDVH Gainesville, Fla. WTOT Marianna, Fla.	
5000	WBOP Pensacola, Fla. WLOD Pempane Beach, Fla.	
5000	Fla.	
5000d	WKLY Hartwell, Ga. WPGA Perry, Ga.	
500 5000	WPGA Perry, Ga. WRIP Ressville, Ga. KUPI Idaho Falis, Idaho	
5000	KUPI Idaho Falls, Idaho	
500d 1000d	WITY Danville III	
5000d	KCIJ Shreveport, La.	
5000 1000d	WCAP Lowell, Mass. WAOP Otsego, Mich.	
10000	WPBC Richneld, Minn.	
5000	WAPF McComb, Miss. WKOR Starksville, Miss.	
5000d		
1000d	KIVO Hamilton Mont	
5000 1000	KLYQ Hamilton, Mont. KVLV Fallon, Nev. KICA Clovis N. Mex. KMIN Grants, N. Mex. WTRY Troy, N.Y. WKLM Wilmington, N.C.	
5000d	KMIN Grants, N. Mex.	
500d	WTRY Trov. N.Y.	
1000 5000	WKLM Wilmington, N.C. WAAA WinSalem, N.C.	

WLOD Pompane Beach,	
Fla.	1000d
WKLY Hartwell, Ga.	1000d
WPGA Perry, Ga. WRIP Rossville, Ga.	1000d
WRIP Rossville, Ga.	500d
KUPI Idaho Falis, Idaho	1000q
KSGM Chester, III.	1000
WITY Danville, III. KCIJ Shreveport, La.	1000
KCIJ Shreveport, La.	250d
WCAP Lowell, Mass.	10004
WAOP Otsego, Mich.	1000d
WPBC Richfield, Minn.	5000
WAPF McComb, Miss.	10004
WKOR Starksville, Miss.	1000d
KMBZ Kansas City, Mo.	5000
KLYQ Hamilton, Mont.	1000d
KVLV Fallon, Nev.	50004
KICA Clovis N. Mex.	1000
KMIN Grants, N. Mex.	10004
WTRY Troy. N.Y.	5000
WKLM Wilmington, N.C.	5000d
WAAA WinSalem, N.C.	10009
WONE Dayton, Ohlo	5000
WILK Wilkes-Barre, Pa	5000
WAZS Summerville, S.C.	10009
WYCL York, S.C. KDSJ Deadwood, S.Dak. WSIX Nashville, Tenn.	10009
KDSJ Deadwood, S.Dak.	5000
WSIX Nashville, Tenn.	
KFRD Rosenberg-Richmond, Tex.	10004
KSCV Richfield, Utah	5000d
WFHG Bristol, Va.	5000
WMEK Chase City, Va.	500d
WINTI Volime Week	5000d
KUTI Yakima, Wash. WHAW Weston, W.Va.	10000
WCUB Manitowoc, Wis.	10000
WNBI Park Falls, Wis.	10000
WPRE Prairie du Chien,	10000
Wis.	1000d
990-302.8	
MEIC Contro Ale	2504

1000		
1000	990-302.8	
	WEIS Centre, Ala.	250d
5000d	WWWF Fayette, Ala.	10009
5000	WTCB Flomaton, Ala.	500d
5000	KTKT Tucson, Ariz.	10000
5000d	KKIS Pittsburg, Calif.	5000
10009	KGUD Santa Barbara, Calif.	
1000	KLIR Denver, Colo.	P0004
5000	WNTY SouthIngton, Conn.	500d
1000	WFAB Miami, Fla.	5000
FUUUI	WHOO Orlando, Fla.	50000
10004	WDWD Dawson, Ga.	10004
5000	WGML Hinesville, Ga.	250d
5000d	KTRG Honolulu, Hawaii	5000
5000d	WCAZ Carthage, III.	10004
5000	WITZ Jasper, Ind.	10004
10009	WERK Muncie, Ind.	250d
1000	KAYL Storm Lake, lowa	250d
5000	KRSL Russell, Kans.	250d
1000	WJMR New Orleans, La.	2504
5000	KRIH Rayville, La.	250d
500	WABO Waynesboro, MIss.	1000d
10004	KRMO Monett, Mo.	2504
5000d	KSVP Artesia, N.Mex.	1000
1000	WEEB Southern Pines, N.C.	5000d
5000	WBTE Windsor, N.C.	
	WIEH Gallinolis, Ohlo	10004
5000	WTIG Massillon. Ohio	250d
5000d	KRKT Albany, Oreg.	250d
500d	WIBG Philadelphia, Pa.	50000
5000	WV8C Somerset, Pa.	5000d
10001	WPRA Mayaguez, P.R.	1000
5000		50000d
500d	WAKN Aiken, S.C.	1000d

10000	WNOX Knexville, Tenn. 10000
1000d	
5000	
	KAML Kenedy-Karnes City.
5000d	Tex. 250d
0001	
5000	
500d	WNRV Narrows-
5000	Pearlsburg, Va. 5000d
5000	WANT Richmond, Va. 1000d
10000	
50001	1000-299.8
1000d	1000-277.0
5000	
1000d	WVOV Huntsville, Ala. 100000
5000	WOTY Montgomery, Ala. 10000
5000	KMLO Vista, Cal. 1000d
1000d	WJST Jupiter, Fla. 10000
5000d	WCFL Chicago, 111. 50000
	WREM Jankins, Kv. 1000c

Wave Length

W.P. | kHx

Huntsville, Ala. Montgomery, Ala. Vista, Cal. Jupiter, Fla. Chicago, III. Jenkins, Ky. Leominster, Mass. Levington, Miss. WVOV WQTY KMLO WJST WCFL WREM WLMS 10000d 10000 1000d 1000d 5000d 1000d

	WXTN Lexinaton, Miss.	5000₫
	KOTD Plattsmouth, Neb.	250d
t 000d	WIGT Horseheads, N.Y.	10004
100		250d
	WSPF Hickory, N.C.	5000d
500d	WHTH Heath, Ohio	250d
1000d	KTOK Okla, City, Okla,	5000
5000	WIOO Carlisle, Pa.	1000
500d	WKYB Hemingway, S.C.	1000004
5000	WGOG Wahalla, S.C.	1000d
1000d		
	KSTA Coleman, Tex.	250d
1004	KGRI Henderson, Tex.	250d
10000	WKDE Altavista, Va.	1000d
5000	WRAR Tappahannock, Va.	500d
5000d	WHWB Rutland, Vt.	10004
1000d	WVWI Charlotte Amalie, V.	
1000d	KOMO Seattle, Wash.	50000
1000d	1010-296.9	

KCAC Phoenix, Ariz.	500d
KVNC Winslow, Arlz.	1000
KLRA Little Rock, Ark.	10000
KCHJ Delano, Calif.	5000
440 MAIL - 0-114	1000
KCMI Palm Sprgs., Calif.	1000
KSAY San Fran., Calif.	1000004
WCNU Crestview, Fla.	1000d
WBIX Jacksonville Beach,	
Fla.	p00001
WING Tumpa, Fla.	50000d
WGUN Atlanta-Decatur,	

WING Tumpa, Fla.	50000d
WGUN Atlanta-Decatur,	
Ga.	50000d
WCSI Columbus, Ind.	500d
KSMN Mason City, Iowa	£000d
KIND Independence, Kans.	250d
WMJL Marion, Ky.	250d
KDLA DeRidder, La.	1000d
WKQT Garyville, La.	500d
WSID Baltimore, Md.	10004
WITL Lansing, Mich.	5000d
WJSW Maplewood, Minn.	250d
WMOX Meridian, Miss.	10000
KCH1 Chillicothe, Mo.	250d
KXEN Festus-St. Louis,	
Mo.	50000d

	WCNL Newport, N.H.	250d
	WINS New York, N.Y.	50000
ı	WABZ Albermarle, N.C.	f000d
	WFGW Black Mountain,	
	N.C.	50000d
	WELS Kinston, N.C.	1000d
I	WIOI New Boston, Ohio	10000
ı	WUDO Lewisburg, Pa.	250d
١	WHIN Gallatin, Tenn.	10000
ı	WORM Savannah, Tenn.	250d
İ	KDJW Amarillo, Tex.	5000
ı	KODA Houston, Tex.	5000d
ı	KAWA Waco-Marlin, Tex.	t0000d
ı	WELK Charlottesville, Va.	f000d
ı	WMEV Marion, Va.	1000d
ľ	WPMH Portsmouth, Va.	5000d
١	WCST Berkeley Sprgs., W.V.	
	WSPT Stevens Pt., Wis.	10000

KDJW	Amarillo, Tex.	500
KODA	Houston, Tex.	5000
KAWA		10000
WELK		1000
	Marion, Va.	1000
	Portsmouth, Va.	5000
	Berkeley Sprgs W.V.	a. 250
	Stevens Pt., Wis.	
	01010110 1 111 11101	

1020-293.9

l	KGBS Los Angeles, Calif.	500000
ì	WCIL Carbondale, III.	10000
ı	WPEO Peorla, III.	10000
ı	KSWS Roswell, N.M.	50000
ı	KGBS Los Angeles, Calif. WGIL Carbondale, III. WPEO Peorla, III. KSWS Roswell, N.M. KDKA Pittsburgh, Pa.	5000

1030-291.1

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

1040--288.3

1	KHVH Honolulu, Hawaii	5000
	KHVH Honolulu, Hawaii WHO Des Moines, Iowa KIXL Dallas, Tex.	50000 1000c

1050-285.5

١	WRFS	Alexander Scottsboro, Little Roo	City.	Afa.	10000
N	WCRI	Scottsboro.	Ala.		2500
ì	KMYO	Little Ros	ek. A	·k.	10000

kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
	Big Bear Lake, Cal. San Mateo, Calif.		WKLO	Louisville, Ky.	00001 b0001			250d 50000	1170-	—256.3	
KWSn	Wasco, Calif. Crestview, Fla. Jacksonville, Fla.	1000d	KGCL	Carthage, Miss. East Prairie, Mo.	250d 250d 1000d	WCAR	Wellington, Kan, Shreveport, La, Detroit, Mich, Minneapolis, Minn.	50000	WC0V KJNP	Montgomery, Ala. North Pole, Alaska	00001 00001
	tampa, Fia.	1000d 250d 500d	WEWO WKGX	Amherst, N.Y. Laurinburg, N.C. Lenoir, N.C. Murfreesbore, N.C.	5000d	WNEW	Bollvar, Mo. / New York, N.Y. Benson, N.C. Eden, N.C.	50000 1000d	KCBG KIND	North Pole, Ark. San Diego, Calif. San Jose Cal.	50000 50000 50000
WMNZ	Augusta, Ga. Montezuma, Ga. Jecatur, III.	5000d 250d 1000d	WWDR KNDK WMVR	Murfreesboro, N.C. Langdon, N.D. Sidney, O. Portland, Oreg.	1000d 1000d 250d	WUIM	Eaton, Unio	1000d	KUAD	Windsor, Colo, Cumming, Ga.	1000d 1000d 5000
WTCA	Plymouth, Ind. Garden City, Kan. Central City, Ky.	25Nd	KWJJ WEEP	Portland, Oreg. Pittsburgh, Pa. Cayey, P.R.	50000 50000d	WEED	Waynesboro, Pa. Camden, S.C.	1000	WLBH KSTT	Mattoon, III. Davenport, Iowa	250d 1000
KVPL	Lake Providence, La Villa Platte, a.	250d	WKBY	Chatham, Va.	250 50000 1000d	KBGH WAMG	Waynesboro, Pa. Waynesboro, Pa. Camden, S.C. Edna, Tex. Memphis, Tex. Gallatin, Tenn. Selmer, Tenn.	1000d 250d	WYLC	North Pole, Alaska North Pole, Ark, San Diego, Calif, San Jose, Cal. Windsor, Colo. Cumming, Ga. Honolulu, Hawail Mattoon, III. Davenport, Iowa Orleans, Mass, 'Lakewood, N.J. Cornwall, N.Y. Somerville, N.J.	1000d 5000d 1000d
WMSG	Oakland, Md. Silver Sprg., Md. Ann Arbor, Mich. Pipestone, Minn.	500d 1000d 5000d	WPNS	Hurricane, W.Va.		WISN	Selmer, Tenn. Milwaukee, Wis.	250d 50000	WMVI	Mechanicville, N.Y.	250d
WACH	Columbus, Miss.	1000q		275.1 Little Rock, Ark.	50000	1140-	—263.0		WLE0 KPUG	Tulsa, Okla. Ponce, P.R. Bellingham, Wash. Wheeling, W.Va.	50000 250 5000
KSIS S WBNC	Portageville, Mo. edalia, Mo. Conway, N.H.	1000d	KNCR	Fortuna, Cal.	10000d	KRAK KNAB	Sacramento, Calif. Burlington, Colo.	50000 1000d	WWVA	Wheeling, W.Va. Waupun, Wis.	50000 1000d
		1000d 1000d	WBAF	Monticello, Fla. Barnes, Ga. Effingham, Ili.	500d	KGEM	Miami, Fla. Boise, Idaho Pekin III	10000 10000 5000d	1180-	—254.1	
WHN	Baldwinsville, N.Y. Massena, N.Y. Jew York, N.Y. Franklin, N.C.	50000 1000d	WGLC	Mendota, III. Honolulu, Hawaii	250d 5000	KNEI	Kendaliville, Ind, Waukon, lowa Liberty, Mo.		WLDS KOFI	Jacksonville, III. Kalispell, Mont. Rochester, N.Y.	1000d 50000
WWGP	Sanford, N.C.	1000d 1000d 1000d	KNWS	Fort Wayne, Ind. Sioux Center, Iowa Waterloo, Iowa				500d 1000d 10000d			50000
KCCO	Lawton, Okla. Tulsa, Okla. Eugene, Ore.	250d 1000d 1000d	WBAL	Donaldsonville, La. Baltimore, Md. Boston, Mass.	500d 50000 1000d	WCLW KLPR WBZY	Mansfleid, Ohio Oklahoma City, Okla. New Castle, Pa, San Juan, P.R.	250d 1000d 5000d		—252.0	1000d
WBUT	Butler, Pa. Everett, Pa. Williamsport, Pa.	250d 250d	WMUS	Muskegon, Mich.	1000d 250d	WJIT S	San Juan, P.R. Sioux Falls, S.Dak.	10000	KRDS KMCW	Ozark, Ala. Tolleson, Ariz. Augusta, Ark.	250
	Williamsport, Pa. Pastillo, P.R. Sparta, Tenn.	1000d 1000d 1000d	WKTE	Garden City, Mich. Excelsior Springs, Mo. King, N.C.	10000	KORU	Sioux Falls, S.Dak. Fayetteville. Tenn. Fort Worth, Tex. Mineral Wells, Tex.	2000	KNBA	Vallejo, Cal. Ft. Lauderdale, Fla.	10004
	Killeen, Tex. Liberty, Tex. Slaton, Tex. Gate City, Va.	250d 250d 250d	KTGO WMWN WRSG	King, N.C. Tioga, N.D. Wilmington, O. San German, P.R.	250d 1000d 250		Richmond, Va. 260.7	50000	WGKA	Ft. Wayne, Ind.	1000d 50000 10000d
WGAT	Gate City, Va. Lynchburg, Va. Norfolk, Va.	1000d 1000d		San German, P.R. Kingstree, S.C. Selma, N.C.	500d 1000d		Geneva, Ala.	1000d	WKOX KHAD	Fram'gham, Mass. DeSoto, Mo.	1000d
WCMS WCEF WOKI	Norfolk, Va. Parkersburg, W.Va. Eau Claire. Wis.	5000d 5000d 1000d	WENK	Englewood, Tenn. Hartsville, Tenn. Kingsport, Tenn.	1000d 250d	KCKY	Tuscaloosa, Ala. Coolidge, Ariz.	5000 1000	KPAR WLIB	DeSoto, Mo. Kansas City, Mo. Albuquerque, N. M. New York, N.Y.	10000q
WEAU	Parkersburg, W.Va. Eau Claire, Wis. Kaukauna, Wis. Kenosha, Wis. Douglas, Wyo.	1000d 250d	KANN KING	Ogden, Utah Seattle, Wash. Berlin, Wis.	1000d 50000 500d	KIIS L	No. Little Rock, Ark os Angeles, Calif. Morro Bay, Calif.	5000 500d	WIXE	Graham, N.C. Monroe, N.C.	500d 500d 50000
	-282.8	250d		272.6	3000	KGMC	Santa Rosa, Calif. Englewood, Colo. Middletown, Cohn. Wilmington, Del.	5000 1000d 1000d		Graham, N.C. Monroe, N.C. ortland, Oreg. Rio Piedras, P.R. San Juan, P.R. Dallas, Tex.	500 10000 50000
KUPD	Tempe, Ariz. Chico, Calif.	500		San Francisco, Calif		WNDB	Milmington, Del. Daytona Beh., Fla. Tampa, Fla. Fort Valley, Ga.	5000 1000 5000d	WAMB	Donelson, Tenn.	250d
KLMO	Longmont, Colo. McLeansboro, III. Rochelle, III.	10000 10000d 250d	KREX	Grand Junction, Cole		WFPM	Fort Valley, Ga. Valdosta, Ga. Marion, III. Rockford, III.	1000d		-249.9	50000
WIKY	Rochelle, III. Jamestown, Ky. New Orleans, La. Natick, Mass.	250d 1000d 50000	WHLI	Cleveland, O.	50000	WYFE	Rockford, III. Burlington, Iowa Des Moines, Iowa	1000d		San Antonio, Tex. -247.8	20000
WGTR WHFB	Natick, Mass. Benton Harbor- St. Joseph, Mich.	1000d	WGPA	Bethlehem, Pa,	250d	KWKY KSAL WMST					1000
KNLV	reston, Minn. Ord. Neb.	1000041		270.1 Bay Minette, Ala.	b00001	WIBU	Munfordville, Ky. Baton Rouge, La. Skowhegan, Maine	5000d 5000d	WILY	Honolulu, Hawall Centralia, III. Saginaw, Mich. Wadesboro, N.C. Dayton, Ohio Guymon, Okla. Philadelphia, Pa. Salinas, P.R.	b0001 b00001 b0001
WRYR	Monroe, N.C. St. Pauls, N.C. Sparta, N.C.	1000d 250d 230d	WBIB	Bay Minette, Ala. Centreville. Ala. Pasadena, Cal. Roseville, Cal. Tampa, Fla.	1000d 50000	WCFN	Skowhegan, Maine Boston, Mass. Mt. Pleasant, Mich.	5000	WAVI	Dayton, Ohio Guymon, Okla,	250d 10000 50000
KYW I	Sparta, N.C. Canton, O. Philadelphia, Pa. Walterboro, S.C.	5000d 5000d	WOYK WEBS	Tampa, Fla. Calhoun, Ga. Hilo, Hawaii	230u	KRMS KSEN	Albany, Minn. Osage Beach, Mo. Shelby, Mont. Albuquerque, N. M.	000d 5000	WHOY	Salinas, P.R.	10000
		INNONA	WMBI WHYT	Hilo, Hawaii Chicago, III, Noblesville, In. Cadiz, Ky.	5000d	WDIIN	Iltica N V	SANA		—245.8	
KRSP	Waverly, Tenn. Lockhart, Tex. Sait Lake City, Utah	250d 0000d	W K O Z W C B R W I O M	Cadiz, Ky. Richmond, Ky. Pittsfield. Mass.	1000d	WGBR WCUE	Burlington, N.C. Goldsboro, N.C. Cuyahoga Falls, Ohi	5000 io 1000d	WABF	Birmingham, Ala. Fairhope, Ala. McGehee, Ark.	1000d 1000d
	280.2		WUNN	Mason, Mich. Petoskey, Mich.	250d 10000d	KNED	Lima, Ohio McAlester, Okla,	1000	KLIP	Fowler, Calif. Palo Alto, Cal. Pomona, Calif. Denver, Colo.	250d 5000d 250d
WAPI KNX L	Birmingham, Ala. os Angeles, Calif.	50000 50000 50000	KFAB.	Holly Springs, Miss. Omaha, Nebr. Humble City, N.Mex.	1000d 50000 1000d	WHON	Klamath Falls, Oreg Portland, Ore. Huntingdon, Pa.	5000d	KFSC	Denver, Colo. Hamden, Conn. Arlington, Fla.	1000q
KILR I	ndianapolis, Ind. Estherville, Iowa Wichita, Kans.	250d	WSFW WIBQ WRT C	Seneca Falls, N.Y. Warwick, N.Y. Charlotte, N.C.	1000	WVDA	Lehighton, Pa. New Kensington, Pa		WACY	Kissimmee, Fla. Sarasota, Fla. Camilla, Ga.	1000d
WKDR	Wichita, Kans. Hannibal, Mo. Plattesburg, N.Y. Greenville, N.C. High Point, N.C. Sunbury, Penn. Arecibo. P.R. Greenville, S.C. Ookout Mtn., Tenn. Memphis Tenn.	5000d 10000	KEOR	Atoka, Okla.	250d 5000d	WDIX	Orangeburg, S.C. Rock Hill. S.C. Seneca. S.C. Ranid City. S.Dak. Chattanooga, Tenn. Morristown, Tenn. College Station Tex. Cornus Christi. Tex.	5000d	WCLB WPLK WSFT	Camilla, Ga. Rockmart, Ga. Thomaston, Ga.	1000d 500d 250d
WHPE	High Point, N.C. Sunbury, Penn.	1000d 10000 500	WISM	Bend, Oreg. Martinsburg, Pa. Norristown, Pa,	10000 1600d 5000d	KIMM	Rapid City, S.Dak. Chattanooga, Tenn.	5000d 5000	WLP0 WKRS	Rockmart, Ga. Thomaston, Ga. LaSaile, Ili. Waukegan, Ill. Salem, Ind.	1000d
WHYZ	Greenville, S.C.	5000d 50000	WKEG	Washington, Pa. Caguas, P.R.	250 1000d	WCRK	Morristown, Tenn. College Station	1000	KJAN		5000d 250d 250d
W D I A K O P Y K N N N	Memphis, Tenn. Alice, Tex. Friona, Tex.	50000 1000 250d	WSLV KDRY	Providence. R.I. Ardmore. Tenn. Alamo Heights, Tex.		KCCT KIZZ	Corpus Christi, Tex. El Paso, Tex. Highland Park, Tex.	1000d 1000d		Independence, Iowa Ottawa, Kans. Franklin, Ky.	250d 250d 250d
	Houston, Tex. Charlottesville, Va. Beckley, W.Va.	10000 5000	1120-	267.7		KVIL	Highland Park, Tex. Midland, Tex. Port Neches, Tex. Quanah, Tex.	500d	WLB1 WSME	Shreveport, La. Denham Springs, La Sanford, Maine	. 250d 1000d
WTSO	Madison, Wise.	00001	WUST	Bethesda, Md.	250d 50000			500d 1000d 1000d	WAVN	Hastings, Mich. Stillwater, Minn. Hazelhurst, Miss.	250d 5000d 250d
	–277.6		KPNW	St. Louis, Mo. Buffalo, N.Y, Eugene, Orc.	1000d 50000	KAYO WABH	Pullman, Wash. Seattle, Wash. Decrfield, Va.	5000	KZYM	Cape Girardeau, Mo	1000d 1000d
WKAC	Athens, Ala. Luverne, Ala.	5000d		Cleburne, Tex. 265.3	250d	WYNE	Decrfield. Va. Welch, W.Va. Appleton, Wisc. Chippewa Falls, Wis	10009	WLBK WGNY	Union, Mo Keene, N.H. Newburgh, N.Y.	1000d 5000d
WTIC	Santa Cruz, Calif. Hartford, Conn.	10000 50000 10000	KRDU	Dinuba, Calif.	1000			5000d	W SOQ W K M T W R E V	N. Syracuse, N.Y. Kings Mitn, N.C. Reidsville, NC.	1000d 1000d 1000d
WFIV	Kissimmee, Fla. Port St. Joe, Fla. Marietta Ga	5000d 1000d 1000d	WPUL	San Diego. Cal. Bartow, Fla. Gainsville. Ga.	50000 1000d	1160-	—258.5				5000d 1000d 50000
WPOK	Pontiac, III. Valparaiso, Ind.	1000d 250d	WMGA	Moultric, Ga. Moultric, Ga. Kailua, Hawaii Brazil, Ind.	00000 10000 00001	KSF 2	Chicago, III. alt Lake City, Utah	50000d 50000	WERT KB! Y	Van Wert, Ohio Gold Beach, Oreg.	250d 1000d
KOAK	Red Oak, Iowa	250d	wwcm	Brazil, Ind.	500d	1			KAPT	Salem, Ore.	1000d

RADIO LOG

	LOQ	
kHz	Wave Length	W.P.
WJUN WRIB WFWL WCPH KZEE KVLL WLSD WFAX KASY	Wave Length Mexico, Pa. Providence, R.I. Camden, Tenn. Etowah, Tenn. Weatherford, Tex. WoodVille, Tex. Big Stone Gap, Va. Falls Church, Va. Auburn, Wash. —243.8	1000d 1000d 250d 1000d 250d 250d 1000d 5000d 250d
1230-	—243.8	
WAUD WIBPHAK WHUZ WTBW KIFWN KIFWN KKAIZ KIFWN KKAIZ KKENDAFILG KKENDAFI KKENDAFILG KKENDAFI KKENDAF	—243.8 Auburn, Ala. Haloyville, Ala. Hantsville, Ala. Hantsville, Ala. Hantsville, Ala. Talledega, Ala. Sitka, Alaska Bisbee, Ariz. Kingman, Ariz. Safford, Ariz. Grandsville, Ala. Jonesboro, Ark. Jonesboro	1000 10000 10000 10000 250 10000 250 10000 250 10000
WONN WMAF WSRB	Madison, Fla.	1000
WBLIJ WXLII WFOM WSOK KBART KORT KORT KOLO WJOB WJOB WJOB WHIR WHIR WHIR WHIR WHIR WHOK KSLO KSLO KSLO KSLO KSLO KSLO KSLO KS	New Smyrna Bch. Florid Pensacola, Fla. V. Palm Beach, Fla W. Palm Beach, Fla Augusta, Ga. Dalton, Ga. Dalton, Ga. Savannah, Ga. Wayeross, Ga. Barley, Judida. Rasburgh, Judida. Judida. Rasburgh, Judida. Judida. Rasburgh, Judida.	1980 1980 1980 1980 1980 1980 1980 1980
KWNO WCMA WHSY WAZF KODE KLWT KWIX KBMN KHDN KXLO	Winona, Minn. Corinth, Miss. Hattlesburg, Miss. Starkville, Miss. Yazoo City, Miss. Joplin, Mo. Lebanon, Mo. Moberly, Mo, Boseman, Mont. Hardin, Mont. Lewistown, Mont.	. 1000 1000d 1000 1000 1000 1000 1000 100

kHz	Wave Length	W.P.
KLCB	Libby, Mont. Falls City, Nebr. Hastings, Neb. Ely, Nev.	100
KHAS	Hastings, Neb.	100
KELY	Las Vegas, Nev.	100
WMO	Libby, Mont. Falis City, Nebr. Hastings, Neb. Ely, Nev. Las Vegas, Nev. Reno, Nev. U Berlin, N.H. Claremont, N.H. Wildwood, N.J. Alamagordo, N.M. Deming, N.Me.	100 100 100 100
WTSV	Claremont, N.H.	100
KALG	Alamagordo, N.M.	250
KYVA	Gallup, N.Mex.	100
KRSY	Roswell, N.Mex.	100
WHIA	Cheektowaga, N.Y.	100
WIGS	Gouverneur, N.Y.	100
WLFH	Little Falls, N.Y.	100
WSKY	Asheville, N.C.	100
WFAI	R High Point, N.C.	100
WISP	Kinston, N.C.	100
WCBT	Roanoke Rap., N.C	. 100
WUBE	Cincinnati, O.	100
WIRO	Ironton, Ohio	100
KADA	A Toledo, O. Ada, Okla.	100
WBBZ	Ponca City, Okla.	100
KRNS	Burns, Ore.	100
KRDE	Gresham, Oreg.	100
KAIK	Medford, Oreg. Lakeview, Ore.	100
WBVF	Toledo, Ore. Beaver Falls, Pa.	100
WEEX	Easton, Pa.	100
WCRO	Johnstown, Pa.	100
WTIV	Titusville, Pa.	100
WERI	Westerly, R.I.	100
WAIM	Anderson, S.C.	100
WOLS	Florence, S.C.	100
WAKI	McMinnville, Tenn.	000
KDLK	Del Rio, Tex.	25
KERV	Kerryllle, Tex.	100
KEEF	Levelland, Tex.	100
KOZA	Odessa, Tex.	100
KSEY	Seymour, Tex.	100
KWTX	Waco, Tex.	1000
KOAL	Murray, Utah Price, Utah	100
WBBI	Burlington, Vt.	1000
WODI	Brookneal, Va.	1000
WEVA	Fredericksburg, Va.	. 100
KOZI	Chelan, Wash.	001
KSPO	Spokane, Wash.	001
WLOG	/ Sunnyside, Wash. : Logan, W.Va.	100
WHAP	Parkersburg, W.Va.	100
WCLO	Janesville, Wis.	100
ĸvoc	Glaremont, N. H. Glaremont, N. H. Wildwood, N.J. Alamagordo, N.M. Deming, N.Mex. Gallup, N.Mex. Gallup, N.Mex. Gallup, N.Mex. Gallup, N.Mex. Gallup, N.Mex. Cheektowaga, N.Y. Elmira, N.Y. Elmira, N.Y. Little Fallis, N.Y. Hudson, N.Y. Little Fallis, N.Y. White Plains, N.Y. Asheville, N.C. Fayetteville, N.C. Kinston, N	100
1240	241.8	
WEBJ	Brewton, Ala. Butler, Ala. Leufaula, Ala. Florence, Ala. Jasper, Ala. Cottonwood, Ariz.	1000
WULA	Eufaula, Ala.	001
WARE	L Florence. Ala. Jasper, Ala.	100
KVRD	Cottonwood, Ariz.	25

0001 0001	1240-241.8	
250	WED! Downton Al.	
1000	WEBJ Brewton, Ala.	1000
1000	WPRN Butler, Ala.	1000
1000q	WULA Eufaula, Ala.	0001
0001	WOWL Florence, Ala.	1000
1000d	WARF Jasper, Ala.	1000
1000	KVRD Cottonwood, Ariz.	250
1000	KCYN Williams, Ariz.	1000
1000	KVRC Arkadelphia, Ark.	1000
1000d	KTLO Mountain Home, Ark.	1000
1000	KWAK Stuttgart, Ark.	1000
1000	KPLY Crescent City, Calif.	250
1000	KOAD Lemoore, Calif.	1000
1000	KMBY Monterey, Calif.	1000
250	KPPC Pasadena, Calif.	100
1000	KLOA Ridgecrest, Calif.	250
1000	KROY Sacramento, Calif.	1000
	KBON San Bernardino, Calif.	1000
0001	KSON San Diogo, Calif.	250
1000d	KSMA San Marla, Calif.	250
1000	KSUE Susanville, Calif.	1000
0001		10000
1000	KDGO Durango, Colo.	1000
1000	KSLV Monte Vista, Colo.	1000
1000	KCRT Trinidad, Colo.	250
1000	WWCO Waterbury, Conn.	1000
10004	WBGC Chipley, Fla.	1000
1000	WLCO Eustis, Fla.	1000
1000	WINK Ft. Myers, Fla.	1000
1000	WMMB Melbourne, Fla.	1000

	kHz	Wave Length
00	WFOY WBHB WDUN	St. Augustine, Fla. Fitzgerald, Ga. Gainesville, Ga.
00	WLAG	LaGrange, Ga. Macon. Ga.
00	WWNS	Statesboro, Ga. Thomasville, Ga.
00	KVNI	Thomson, Ga. Coeur d'Alene, Idaho Mountain Home Idaho
od 00	KMCL	McCall, Ida. Pocatello, Ida.
00	WCRW	Chicago, III.
00	WEBQ	Harrisburg, III. Springfield, III.
00	WSDR	Sterling, III, Anderson, Ind.
00	KWLC	Decorah, Iowa Decorah, Iowa
00	KICD	Spencer, lowa Garden City, Kans,
00	WINN	Wichita, Kans. Louisville, Ky.
00	WPKE	Pikeville, Ky. Somerset, Ky.
00	KASO KANE	Minden, La. New Iberia, La.
00	WMKR	Millinocket, Me.
00	WHAI	Hagerstown, Md. Greenfield, Mass.
00	WATT	Cadillac, Mich.
00	WJPD	Ishpeming, Mich. Lansing, Mich.
00	KPRM	Park Rapids, Minn.
00	WMPA	Aberdeen, Miss. Greenwood, Miss.
)Ŏ	WGCM	Gulfport, Miss. Natchez, Miss.
00	KWOS	Jefferson City, Mo. Nevada, Mo.
00	KBMY	Billings, Mont. Glasgow, Mont.
00	KFOR	Lincoln, Nebr.
00	KELK	Elko, Nev. Franklin, N.H.
00	KAVE	Carlsbad, N.Mex.
00	WGBB WGVA	Freeport, N.Y. Geneva, N.Y.
000	WVOS	Liberty, N.Y.
0	WSNY	Schenectady, N.Y. Watertown, N.Y.
0	WIST	Brevard, N.C. Charlotte, N.C.
90	WRNC	Raleigh, N.C. Wilkesboro, N.C.
00	WBBW	Devils Lake, N.Dak. ' Youngstown, Ohio
10	KVS0 KADS	Ardmore, Okla. Elk City, Okla.
00	KBEL	Idabel, Okla. Okmulgee, Okla.
00	KTIX KPRB	Pendleten, Oreg. Redmond, Ore.
	WRTA	Roseburg, Ore. Altoona, Pa.
10	WSEW	Selinsgrove, Pa. Wilkes-Barre, Pa.
00	WALO	Humacao, P.R. Woonsocket, R.I.
00	WECK	Newderry, S.C. Sumter, S.C. Pierre S.D
jŏ O	WBEJ	Elizabethton, Tenn. Fayetteville, Tonn.
00	WBIR	Knoxville, Tenn. Nashville, Tenn.
00	WEDG	Soddy, Tenn. Union City, Tenn.
00	KVLF	Alpine, Tex. Brownwood, Tex.
50 50	KOCA KSOX	Kilgore, Tex. Raymondville. Tex.
) Od	KXOX WSKI	Sweetwater, Tex. Montpelier, Vt.
00	WSSV WROV WTON	retersburg, Va. Roanoke, Va. Staunton, Va
) 0 0 0	WENK KVLF KEAN KOCA KSOX KSOX WSOV WTON KGV WKOY	Fitzgerald, Ga. Gainesville, Ga. LaGrange, Ga. Macon, Ga. Statesboro, Ga. Thomasville, Ky. Maysville, Ky. Somerset, Ky. Minden, La. Lewiston, Maine Millinocket, Me. Cambridge, Md. Hagerstown, Ma. Gambridge, Md. Hagerstown, Maine Millinocket, Me. Cambridge, Md. Hagerstown, Miss. Greenwood, Miss. Guifport, Miss. Natchez, Miss. Freenwood, Miss. Guifport,
00	WKOY	Diympia, Wash. Bluefield, W.Va. Charleston, W.Va. Elkins, W.Va.
70		

/.P.	kHz	Wave Length	W.P.
1000 1000 1000 1000 1000 1000 250 1000	WOMT WIBU WOBT WIMC KEVA KEVA KASL KRAL	Wave Length Manitowoc, Wis. Poynette, Wis. Rhinelander, Wis. Rhinelander, Wis. Rice Lake, Wis. Cheyenne, Wyo. Evanston, Wyo. Evanston, Wyo. Newcastle, Wyo. Rawlins, Wyo. Thermopolls, Wyo. The	1000 1000 1000 1000 1000 1000 1000
1000	1250-	_239.9	1000
1000 000d	W700	Et Davis Ala	10004
1000 1000 1000 1000 500 1000 1000	WETU KSWW KFAY KALO KHOT KTMS KDHI	rt. Payne, Ala. Wetumpka, Ala. Wickenburg, Ariz. Fayetteville, Ark. Little Rock, Ark. Madera, Calif. Santa Barbara. Cali Twenty-Nine Palms,	5000d 5000d 1000d 1000 500d f. 1000
1000	KMSL	Ukiah, California	1000d 500d
1000	WNER	Live Oak, Fla. Tampa, Fla.	1000d 5000
0001	WLYB	Albany, Ga. Madison, Ga.	1000d
1000	WIZZ S	streator, III.	500d 1000
1000	WRAY KCFI C	Princeton, Ind.	1000d 500d
1000	KFKU WREN	Lawrence, Kans.	5000 5000
0001	WNAL	Nicholasville, Ky.	500d
1000	WGUY	Bangor, Maine	5000d
0001	WXOX	Bay City, Mich.	10000
0001	KCUE	Red Wing, Minn.	1000d
1000	KBTC	McComb, Miss. Houston, Mo.	1000d
1000	WKBR	Manchester, N.H. Morristown, N.J.	5000d
1000	WIPS	Ficonderoga, N.Y. Farmville, N.C.	1000d 500d
1000	WKDX	Hamlet, N.C. Marion, N.C.	1000d
1000	WCHO	Washington Court	500d
250	WLEM	Emporium, Pa.	1000d
1000	WTAE	Pittsburgh, Pa.	5000
0001	WTMA	Charleston, S.C.	5000
1000	WKBL	Covington, Tenn.	10004
250	WHYZ	Madisonville, Tenn. Tazewell, Tenn.	500d 500d
1000	KPRE	Paris, Tex. Port Arthur, Tex.	500d 5000
1000	KUKA	San Antonio, Tex.	1000d
500	WDVA	Danville, Va. Franklin, Va.	5000 1000d
1000	WEER	Warrenton, Va.	5000d
1000	KTW 8	Beattle, Wash.	5000
000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0000
1000	1260-	-238.0	
500 250	WCRT	Birmingham, Ala.	5000d
1000	KECB	Corning, Ark.	10004
1000	KGIL	Ban Fernando, Calif	. 5000
0001	KSNO	Aspen, Colo.	5000d
0001	WMMX	—238.0 Birmingham, Ala. Casa Grande, Ariz. Corning, Ark. Nashville, Ark. Nashville, Ark. San Fernande, Calif. Aspen, Colo. Birmingham, Ala. I Westport. Conn. Newark, Del. Washington, D.C. Fort Walton Beach Florida Miami, Fila. Palatka, Fila.	1000d
1000	WWHK	Washington, D.C.	500d 5000
1000	WFTW	Fort Walton Beach Florida	, 1000q
500 250 1000 1000 1000 1000 1000 1000 10	WWOK WWPF	Miami, Fla. Palatka, Fla.	5000 1000

2 - 2	WONI DII III III III III AIII, AII II	20000
250	KPIN Casa Grande, Ariz.	1000d
0001	-KCCB Corning, Ark.	1000d
1000	KBHC Nashville, Ark.	500d
1000	KGIL San Fernande, Catif.	5000
1000	KYA San Francisco, Callf.	5000
0001	KSNO Aspen, Colo.	5000d
1000	WCRT Birmingham, Ala,	5000d
0001	WMMM Westport, Conn.	10000
1000	WNRK Newark, Del.	5000
1000	WWDC Washington, D.C.	5000
1000	WFTW Fort Walton Beach,	• • • • • • • • • • • • • • • • • • • •
1000	Florida	10000
1000	WWOK Miami, Fla.	5000
0001	WWPF Palatka, Fla.	1000
0001	WIIFE Bayley Ca	50000
1000	WUFE Baxley, Ga. WBBK Blakely, Ga.	00000
1000	WTJH East Point, Ga.	50000
1000	KTEE Idaho Falls, Ida.	50000
1000	KWEI Weiser, Ida.	10000
0001	WIBV Belleville, III.	5000
0001	WFBM Indianapolis, Ind.	5000
0001	KFGQ Boone, lowa	10000
1000	KWHK Hutchinson, Kans.	1000
0001	WAIL Baton Rouge, La.	10000
0001	WEZE Boston, Mass.	5000
1000	WALM Albion Mich	1000
1000	WALM Albion, Mich. WJBL Holland, Mich,	5000
1000	KROX Crookston, Minn.	1000
0001	KDUZ Hutchinson, Minn.	10000
0001	WGVM Greenville, Miss.	50000
1000	WNSL Laurel, Miss.	50000
250	WCSA Ripley, Miss.	500
1000	KGBX Springfield, Mo.	5000
1000	KIMB Kimball, Nebr.	10000
1000	WBUD Trenton, N.J.	5000
1000	KVSF Santa Fe, N.Mex.	1000
1000	WBNR Beacon, N.Y.	10000
1000	WNDR Syracuse, N.Y.	5000
1000	WGWR Asheboro, N.C.	5000
0001	WCDJ Edenton, N.C.	10000
1000	WIXY Cleveland, O.	5000
1000	WNXT Portsmouth, Ohio	5000
1000	WHAT FOR ISMOUTH, UNIO	3000

kHz Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
KWSH Wewoka-Seminole, Oklahom	a 1000	WIXE	Cumberland, Ky. ancaster, Ky.	p0001		Window Rock, Ariz Searcy, Ark.	1000d	WFAH	Alliance, Ohio Newport, Oreg.	1000d 5000
KMCM McMinnville, Oreg. WWYN Erie, Pa. WPHB Philipsburg, Pa.	5000 5000d	W DSU KWCL WABK	New Orleans, La. Oak Grove, La. Gardiner, Me.	5000 1000d 5000	KYNO KMFB	Brawley, Calif. Fresno, Calif. Mendocino, Cal.	1000 5000 1000d	WGSA	Bedford, Pa. Ephrata, Pa. Warren, Pa.	5000d 5000d 5000
WISO Ponce, P.R. WMIIII Greenville, S.C.	1000 5000d 1000d	WFIN	Fitchburg, Mass. Alma, Mich. Minneapolis, Minn.	5000 5000d 5000	KVOR	Colorado Springs.	5000	WDOD	Kingstree, S.C. Chattanooga, Tenn. Jackson, Tenn.	5000d 5000 5000
WJOT Lake City, S.C. KWYR Winner, S.Dak. WNOO Chattanooga, Tenn. WMCH Church Hill, Tenn.	5000d			500d	WAVZ	New Haven, Conn. Cocoa Beach, Fla. Marathon, Fla.	1000 5000 500	WBNT KZIP	Oneida, Tenn. Amarillo, Tex. Dallas, Tex.	1000d 1000d 5000
WDKN Dickson, Tenn. WCLC Jamestown, Tenn. KSPL Diboll, Tex.	1000d 1000d	KYRO	Taylorsville, Miss. Clinton, Mo. Petosi, Mo. Broken Bow, Nebr. Henderson, Nev.	500 1000d 5000d	WSFR WSOL	Sanford, Fla. Sanford, Fla. Tampa, Fla. Moultrie, Ga. Newnan, Ga.	50004	KOYL	Odessa, Tex.	1000d 5000 5000
	500d	KRZE	Farmington, N.Mex.	5000d 5000	WIMU	winger, Ga.	500d	WGH	Fairfax, Va. Newport News, Va. Prosser, Wash. Madison, Wis.	5000 1000d 5000
KWFR San Angelo, Tex. KTUE Tulia, Tex. KTAE Taylor, Tex. WCHV Charlottesville, Va.	1000d 1000d 5000	WSAT	Rochester, N.Y. Salisbury, N.C. Scotland Neck, N.C.	1000 5000d	WTAO	Lewiston, Idaho La Grange, III. W. Frankfort, III.	5000		227.1	3000
WJJJ Christiansburg, Va. KWIQ Moses Lake, Wash. WVVW Grafton, W.Va.	1000d 1000d 500d	MFW1	Jackson, Ohio	1000q 1000q	WAAC KGLO	W. Frankfort, III. Huntington, Ind. Terre Haute, Ind. Mason City, Iowa	5004		Dothan, Ala. Birmingham, Ala.	1000
WWIS Black River Falls.	1000d	KERG WBRX WHVR	Eugene, Oreg. Berwick, Pa. Hannoer, Pa.	5000 1000d 5000	WFBR	Mason City, Iowa Lexington, Ky, Baton Rouge, La. Baltimore, Md.	1000 5000	KAWC	Yuma, Ariz. Fort Smith, Ark. Walnut Ridge, Ark.	5000d 500d 5000
WEKZ Monroe, Wis. WOCO Oconto, Wis. KPOW Powell, Wyo.	1000d 5000	WCMN	New Castle, Pa. Arecibo, P.R. Anderson, S.C.	1000 5000 5000	WJDA	Quincy, Mass. Grand Rapids, Mic Princeton, Minn.	1000d h. 5000 1000d	KHSJ	Hemet, Calif.	10000
1270—236.1		WIAY	Mullias, S.C. Columbia, Tenn.	5000d 1000d	WRBC	Jackson, Miss. Marshall, Mo.	5000 1000d 5000d	KCDA	Lemoore, Calif. Oceanside, Calif. Sacramento, Calif. Rocky Ford, Colo.	5000 1000d
WGSV Guntersville, Ala. WZAM Prichard, Ala.	1000d	KNIT	Dayton, Tenn. Abilene, Tex. Brenham, Tex.	1000d 500d 1000d	KPTL WPNH	McCook, Nebr. Carson City, Nev. Plymouth, N.H.	5000 #000d	WATR WGMA	Rocky Ford, Colo. Waterbury, Conn. Hollywood, Fla.	5000 5000 5000
KBYR Anchorage, Alaska KDJI Holbrook, Ariz. KADL Pine Bluff, Ark.	0000 5000d 5000d	KLUE KRAN KVWG	Longview, Tex. Morton, Tex. Pearsall, Tex.	1000d 500d 500d	WXKL	Plymouth, N.H. Trenton, N.J. Fulton, N.Y. Lancaster, N.Y.	5000d 1000d 1000d	WEXY WAMR	Jacksonville, Fla. Oakland Park, Fla. Venice, Fla.	500d
KBLC Lakeport, Calif, KGOL Palm Desert, Cal. KCOK Tulare, Calif	1000d 5000		Salt Lake City, Uta Wytheville, Va. Shelton, Wash. Spokane, Wash.	1000d 1000d	W Q B K W K Q W W Y N G	Rensselaer, N.Y. / Spring Valley. N. Goldsboro, N.C.	5000d Y. 5000 1000d	WHIE WKAN KNIA	Venice, Fla. Griffin, Ga. Kankakee, III. Knoxville, łowa	5000d 1000 500d
WNOG Naples, Fla. WORJ Orlando, Fla.	500d 5000d 5000	KUDY KIT Y	Spokane, Wash. akima, Wash. Neenah, Wis.	5000d 5000 5000	WERE	Laurinburg, N.C. Mt. Airy, N.C. Cleveland, Ohio	5000 5000	KLWN	Lawrence, Kans.	500d 500d 1000d
WKRW Cartersville, Ga. WHYD Columbus, Ga. WJJC Commerce, Ga. KNDI Honolulu, Hawaii	500d 5000d		-232.4	0000	KCNW	Mt. Vernon, Ohio Tulsa, Okla.	500d 5000 5000d	WOLU	Covington, Ky. Mayfield, Ky. Homer, La.	500d 1000d 1000d
KNDI Honolulu, Hawaii KTFI Twin Falls, Idaho WEIC Charleston, III.	5000 5000		Jackson, Ala. Sheffield, Ala.	1000d	KACI WWCH	The Dalles, Oreg. I Clarion, Pa. Hazleton, Pa.	1000d 500d 1000d	WARA	Salisbury, Md. Attleboro, Mass.	1000d 1000 5000
WHBF Rock Island, III. WCMR Elkhart, Ind.	1000d 5000 5000	WMLS	Sylacauga, Ala. Sylacauga, Ala. Tucson, Ariz. El Dorado, Ark.	0001 00001 00001	WTIL	Mayaguez, P.R. Aiken, S.C. Greer, S.C.	1000	WRIW	Lansing, Mich. Marquette, Mich. Picayune, Miss.	0001 h0006
WWCA Gary, Ind. WORX Madison, Ind. KSCB Liberal. Kans.	0001 b0001 0001	KUDA	Siloam Spras Ark.	5000d 5000d 5000	WKSC	Kershaw, S.C.	3000d		Water Valley, Miss. Clayton, Mo. Scottsbluff, Nebr.	5000
WAIN Columbia, Ky. WFUL Fulton, Ky. WVKY Louisa, Ky.	1000q	KMEN	Chico, Calif. Gilroy, Calif. San Bernardine, Californi:	5000d	WMTN	Morristown, Tenn. Nashville, Tenn. Austin, Tex.	5000d 5000 5000	WHHO WAGY	Roswell, N. Mex. Hornell, N.Y. Forest City, N.C.	1000d 5000d 1000d
KVCL Winnfield, La. WUOK Cumberland, Md. WSPR Springfield, Mass.	1000d 5000 5000	WCCC	Santa Barbara, Cal. Hartford, Conn. Wilmington, Del.	500d 500d 1000d	KKIIR	Brownfield Tex	1000d 1000 500d	WCOG WKRK WEEW	Greensboro, N.C. Murphy, N.C. Washington, N.C.	5000 5000d 500d
WXYZ Detroit, Mich. KWEB Rochester, Minn. WVOM luka, Miss.	5000	WINC	Oeala, Fla. Panama City Beach Flerida	50 00		Laredo, Tex. Silsbee, Tex. Logan, Utah Harrisonburg, Va. Seattle, Wash.	3000d 5000d	KHRT WHOK KWOE	Minet, N.D. Lancaster, Ohio Clinton, Okla.	1000d 1000d
WLSM Louisville, Miss. WMLC Monticello, Miss.	5000d 1000d	WIRK	W. Palm Beh Fla Americus. Ga.	. 5000 1000d	WCLG	Morgantown, W.Va St. Albans, W.Va. Marinette, Wis.	1000d	WKAP	Forest City, N.C. Greensboro, N.C. Murphy, N.C. Washington, N.C. Winat, N.D. Lancaster, Ohio Clinton, Okla. Eugene, Ore. Allentown, Pa. Gettysburg, Pa.	1000d 5000 1000
KUSN St. Joseph, Mo. KFBD Waynesville, Mo. KBUB Sparks, Nev. WTSN Dover, N.H.	1000d 500d 5000d	WTOC	Canton, Ga. Savannah, Ga. Pocatello, Idaho	5000 1000d		228.9		WSCR	Pittsburgh, Pa. Scranton, Pa. Rio Piedras, P.R.	5000 1000 5000
KINN Alamogordo, N.M.	5000 500d 1000d	WREY	Peoria, I'l. New Albany, Ind. Pratt, Kansas	500d	22		10004	WOIC	Columbia, S.C. Sioux Falls, S.Dak Kingsport, Tenn,	5000
WHLD Niagara Falls, N.Y WDLA Walton, N.Y. WCGC Belmont, N.C.	10009	KJEF	Jenton, Ky. Jennings, La. Houghton Lake, Mich	5000d 1000d 1. 5000	KBUZ	Foley, Ala. Marion, Ala. Mesa, Ariz. Malvern, Ark.	3000d	WMSR	Manchester, Tenn. Colo. City. Tex.	5000d 1000d
KBOM Mandan, N.Dak. WILE Cambridge, Ohio	5000d 1000d	KRMO	Niles, Mich. Saline, Mich. Benson, Minn.	500d 500d	KPOD KDIA	Crescent City. Calif. Oakland, Cal.	5000d 5000d	KCPX	Manchester, Tenn. Colo. City. Tex. Houston, Tex. Salt Lake City. Utal Randolph, Vt. Lynchburg, Va. Bishwand, Va.	5000 1000d
KWPR Claremore Okla	5004	WBLE	Batesville, Miss. Tylertown, Miss. Thayer, Mo.	10000	WICH	Norwich, Conn.	1000d 5000d 5000	WEET KXRO	Richmond. Va. Richmond. Va. Aberdeen, Wash. Walla Walla. Wash. Superior. Wis.	5000d
KAJO Grants Pass, Oreg. WLBR Lebanon, Pa. WBHC Hampton, S.C. KNWC Sigux Falls, S.Dak. WLIK Newport, Tenn.	1000d 1000 5000	KGV0 KOIL WKNE	Missoula, Mont. Omaha, Nehr. Keene, N.H. Secorro, N.M. Babylon, N.Y.	5000 5000 5000	wnnn	De Land, Fla. Perry, Fla. Wauchula, Fla. I Decatur, Ga.	5000d 1000d 500d	WAKX	Wisconsin Rapids,	1000q
WLIK Newport, Tenn. KIOX Bay City, Tex. KHEM Big Spring. Tex. KEPS Eagle Pass, Tex. KFJZ Fort Worth. Tex.	1000d 1000d	KSRC WGLI WNRF	Secorno, N.M. Babylon, N.Y. Biaghamton N.Y.	1000d 5000 5010	WIIKA	Douglas, Ga.	500d 1000d	1220	—225,4	. 5000
WILD Newdort News, Va.	5000 1000d 1000d	WHKY	Binghamton, N.Y. Hickory, N.C. Jacksonville, N.C.	50th 1000d 1000d	KNDL	Waynesboro, Ga. (West Point, Ga. Makawai, Hawaii Twin Falls, Idaho	1000			1000d
WHEO Stuart, Va. KCVL Colville, Wash. KBAM Longview, Wash. WRJC Mauston. Wis. KIML Gillette. Wyo.	5000d 500d	WOMP	Sanford, N.C. Sanford, N.C. Bellaire, Ohio Dayton, Ohio Pendleton, Oreg. Portland, Oreg. Altoona, Pa.	1000d 5000 5000	KDLS	Twin Falls, Idaho Indianapolis, Ind. Perry, Iowa Keokuk, Ia.	500d	KVEE	Scottshore, Ala. Tuesen, Ariz. Conway, Ark. Lompec, Cal.	500d 500d 1000d
KIML Gillette. Wyo.	500d 5000	KLIQ WFBG	Portland, Oreg. Altoona, Pa.	5000d 5000			509d 1000	KEAC	Los Angeles, Calif.	5000 500d 5000d
1280-234.2		WFIG	Providence, R.I. Sumter, S.C. Oak Ridge, Tenn. Big Lake, Tex. Crockett Tex	5000 5000	KIKS	Madisgnville, Ky. Prestonshurg, Ky. Sulphur, La. W. Monroe, La. Portland, Me. Worcester, Mass. Deathorn, Mich.	5000d 500d 1000d	WARN	Redding, Cal. Ft. Pierce, Fla. Lakeland, Fla. Milton, Fla.	1000d
WPID Piedmont, Ala. WNPT Tuscaloosa, Ala. KHEP Phoenix, Ariz.	1000d 5000 1000d			1000d 1000d 5000			5000 5000	WMEN	Tallahassee, Fla. Dublin, Ga. Evanston, III. Monmouth, III.	5000d 5000d 5000
KNEY Procentx, Artz. KNBY Newport, Ark. KOAG Arroyo Grande, Cal. KNCR Fortuna, Cal. KFOX Long Beach, Calif. KJOY Stockton, Calif. KTLK Denver, Colo. WSUX Seaford, Del. WGUY De Eviries, Springer	0000 0000 0000	WPVA	Weslaco. Tex. Wichita Falls. Tex. Colonial Hgts., Va. Leesburg. Va.	5000d 1000d	KRBI WXXX	Traverse City, Mie St. Peter, Minn. Hattiesburg, Miss.	1000d 1000d			5000d 1000d 1000d
KFOX Long Beach, Calif. KJOY Stockton, Calif. KTLK Denver Colo	1000 1000 5000	WKWS	Rocky Mount, Va. Logan, W.Va. Port Angeles Wash	1000d 5000 1000d	KFSB KKGF KGMT	Hattiesburg, Miss. Joplin, Mo. Great Falls, Mont. Fairbury, Nebr.	5000 5000 500d	WJPS WTRE KWWI	Evansville, Ind. Greensburg, Ind. Waterloo, Iowa	5000
WSUX Seaford, Del, WGTX De Funiak Springs Fla.		WCOW	Wichita Falls, Tex. Colonial Hgts., Va. Leesburg, Va. Rocky Mount, Va. Logan, W.Va. Port Angeles. Wash. Milwaukee. Wis. Sparta. Wis. Laramie. Wyo.	1000d 5000d 5000	WCAN	Ashury Park, N.J. Camden, N.J. Parsippany-Troy	10009	WYGO WMOR	Evansville, Ind. Greensburg, Ind. Waterloo, Iowa Wichita, Kans. Corbin, Ky. Morehead, Ky. Lafayette, La. Have de Green Md.	5000d 1000d
WIPC Lake Wales, Fla. WYND Sarasota, Fla. WIBB Macon, Ga.	1000d 500d 5000d		—230.6	5000			1000d 5000d 1000	WASA	Lafayette, La. Havre de Grace, Md Waltham, Mass. Flint, Mich.	5000
WMRO Aurera, III. WGBF Evansville, Ind. KCOB Newton, Iowa	1000 5000 1000d	W/BSA	Boaz, Ala.	1000d	WISE	Mt. Kisco, N.Y. Utica, N.Y. Asheville, N.C. Charlotte, N.C. Durham, N.C.	=000	WIRX	Flint, Mich. Minneapolis, Minn. Fulton, Miss. Greenville, Miss.	5000 5000 1000d
KSOK Arkansas City, Kan	is. 1000	WEZQ	Tallassee, Ala. Winfield, Ala.	1000d	KNOX	Grand Forks. N.D.	ak. 5000	WJPR	Greenville. Miss.	61

kHz	Wave Length	W.P
WDAL	Meridian, Miss.	5000
KUKU	Willow Springs, Mo.	1000
MIMI	Trenton, N.J.	5000
NUAN	Gairun, N. Mex.	500
WEON	New York, N.Y.	500
WERD	Owego, N.Y.	500
WHAT	Troy, N.Y.	1000
WKVC	Havelock, N.C.	1000
WHOT	Campbell, Ohio	100
WEIN	Findlay, Ohio	1000
WKOV	Wellston Ohio	500
		500
KPOK	Portland Ore	500
WRIE	Erie, Pa. Conway, S.C.	500
WLAT	Conway, S.C.	500
WFBC	Greenville, S.C.	500
WAEN	Crossville, Tenn.	10000
WTRO		5000
KMIL		5000
KINE	Graham, Tex.	5000
KINE	Kingsville, Tex.	10000
KZAK	Monahans, Tex.	500
WRTM	Tyler, Tex. Danville, Va.	10000
WHAA	Reav Va	5000
WOLD	Marion, Va. Tasley, Va.	10000
WESR	Tasley Va	50000
KUFA	Snokana Wach	50000
WETZ	New Martinsville,	00000
	W Va	10000
WHBL	Sheboygan, Wis.	5000
KOVE	Sheboygan, Wis. Lander, Wyo.	5000

1340-223.7

WKUL Culiman, Ala. WJOI Florence, Ala. WAMA Selma, Ala.	1000
WJOI Florence, Ala.	1000
WAMA Selma, Ala.	250
WAMA Selma, Ala. WFEB Sylacauga, Ala. KIKO Miami, Āriz. KFBR Nogales, Ariz. KPGE Page, Āriz. KENT Pressett Ariz.	1000
KIKO Miami, Ariz.	1000
KPGE Poggles, Ariz.	250
KENT Prescott Aria	1000
KBTA Batesville Ark	1000
KENT Prescott, Ariz. KBTA Batesville, Ark. KZNG Hot Springs, Ark. KCAT Pine Bluff, Ark.	
KCAT Pine Bluff, Ark. KCAT Pine Bluff, Ark. KBRS Springdale, Ark. KATA Arcata, Calif. KWXY Cathedral City, Calif. KMAK Fresno. Calif.	0001
KBRS Springdale, Ark.	1000
KATA Arcata, Calif. KWXY Cathedral City, Calif.	1000
KMAK Fresno, Calif.	1000
KDOL Mojave, Cal. KSFE Needles, Calif.	1000
KSFE Needles, Calif.	500 250
KOAR Oroville, Cal. KATY San Luis Obispo,	1000
KMAK Fresno, Calif. KDOL Mojave, Cal. KSFE Needles, Calif. KOAR Oreville, Cal. KATY San Luis Obispo, California	
	0001
KIST Santa Barbara, Calif.	1000
KDEN Denver Colo	1000
KOMY Watsonville, Calif. KOMY Watsonville, Calif. KDEN Denver, Colo. KQIL Grand Junction, Colo. KVRH Salida, Colo. WNHC New Haven, Conn.	1000
KVRH Salida, Colo.	1000
WNHC New Haven, Conn.	1000
KVRH Salida, Colo. WNHC New Haven, Conn. WOOK Washington, D.C. WFL Cleremont, Fla. WTAN Clearwater, Fla. WROD Dayton Bell.	1000
WTAN Clearwater Fla.	250 250
WROD Daytona Reb Eta	250
WDSR Lake City, Fla.	1000
WTYS Marianna, Fla.	0000
WOXT Palm Beach, Fla.	500
WROD Daytona Bch Fla. WROD Daytona Bch Fla. WDSR Lake City. Fla. WTYS Marianna, Fla. WQXT Palm Beach, Fla. WSEB Sebring, Fla. WFSH Valparaiso, Fla.	500 1000 1000
WFSH Valparaiso, Fla. WIGO Atlanta, Ga. WGAU Athens, Ga.	
WGAU Athene Co	
	1000
WGAA Cedartown, Ga.	1000
WOKS Columbus, Ga.	1000
WTIE Tittes, Ga.	1000
KSKI Hailey Idaho	0001
KAIN Nampa Idaha	1000
KAIN Nampa, Idaho KPST Preston, Idaho	1000
WSOY Decatur, III.	1000
WJPF Herrin, 111. WJOL Joliet, 111.	1000
WOKS Columbus, Ga. WBBT Lyons, Ga. WTIF Tifton, Ga. KSKI Hailey, Idaho KAIN Nampa, Idaho KPST Preston, Idaho WSOY Decatur, III. WJDE Herrin, III. WJDL Joliet, III. WBIW Bedford, ind.	1000
	1000
WLBG Muncie, Ind. KROS Clinton, Iowa KCKN Kansas City, Kans. KSEK Pittsburg, Kans, WCMI Ashland, Ky.	1000
KROS Clinton, lowa	1000
KCKN Kansas City, Kans. KSEK Pittsburg, Kans.	1000
KSEK Pittsburg, Kans.	1000
WCMI Ashland, Ky. WBGN Bowling Green Ky	000
	10001
WEKY Bichmond V.	I UUU I
KVOB Bastrop, La.	1000
KRMD Shreveport, La. WFAU Augusta, Maine WDME Dover-Foxcraft, Me. WHOU Houlton, Maine	1000
WFAU Augusta, Maine	000
WUME Dover-Foxcraft, Me.	10001
WHOU Houlton, Maine WGAW Gardner, Mass	1000
WGAW Gardner, Mass. WNBH New Bedford, Mass.	1000
WBRK Pittsfield, Mass.	1000
	. 000

	kHz	Wave	k. Length xe, Mich. Rapids, Mich. e. Mich. he. Mich. he. Mich. he. Mich. he. Mich. d. Minn. Lakes, Mir. Minn. r. Minn. r. Minn. r. Minn. r. Minn. he. Miss. Mo. Mo. Mo. Mo. Mo. Hon. hon. hon. hon. hon. hon. hon. hon. h	W
	WLCSTGE WKK WW WKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	W Bad A:	ke, Mich. Rapids, Mic	h. i
	WCS	R Hillsdal E Maniste	e, Mich.	
1	WMB	N Petoske	y, Mich.	
١	KVB	R Brainer M Detroit	d, Minn. Lakes, Mir	ın. İ
	KRO	E Eveleth	Minn. er, Minn.	1
1	WIM	B Breokh	aven, Miss.	
	WKO	Z Koscius D Mexico,	ko, Miss. Mo.	10
	KSM	Poplar E O Salem,	Bluff, Mo. Mo.	
	KCAI	Helena,	Mont.	
	KAT	Miles Ci Missoula	ty, Mont.	i
	KGF	W Kearne	t, Nebr. y, Nebr.	
	KRA	M Las Ve	gas, Nev.	
1	WMI	R Hanover D Atlantic	City, N.J.	-
۱	KRRI	R Ruidoso	N.M.	50
l	KSIL	Silver Ci	ty, N.Mex	1
ı	WEN	T Gloversy N Jamesto	wn, N.Y.	1
	WMS	A Massens	A, N.Y.	i
1	WIRY	Plattsbur Lenoir,	gh, N.Y. V.C.	İ
	WOX	F Oxford,	N.C.	
l	WGN	Wilming Winston	ton, N.C. -Salem, N.	c. i
١	WNC	Grafton, O Ashland	N.Dak.	1
	WIZE	Springfle Steuben	ld, Ohio	С.
1	KOCY	Hugo, Ci	kla. ty, Okla.	ŀ
1	KLOC	Corvallis R Enterpri	Mont. k. Mohr. k. Nebr. y. Nebr. Nebr. gas. Nev. ev. N. H. of City. N. J. v. M. M. Mex. N. Y. willie, N. Y. willie, N. Y. willie, N. Y. willie, N. Y. willie, N. Y. willie, N. Y. willie, N. Y. willie, N. Y. willie, N. Y. willie, Ohlo okillie, Ohlo okillie, Ohlo ovillie, Ohlo ovillie, Ore. g. Pa. y. Pa.	a
1	KIHR	Hood Riv	ver, Ore.	1
l	WSAJ	Grove Ci	ty, Pa.	1
ĺ	WHA	T Philade W Readin	yillo, Pa, y, Pa. ,, Pa. ,, Pa. phia, Pa. Barre, Pa. nsport, Pa. lia, P.R. ia, P.R. ib, S.C. lty, S.Dak. d, Tenn. ia, Tenn. ille, Tenn. ie, Tenn. ter, Tenn. ter, Tenn. ter, Tenn. ter, Tenn. ter, Tenn. Tex. Tex. Tex. Tex. Tex. Tex.	
1	WBR	E Wilkes-	Barre, Pa.	-
I	WUN	A Aquadil E Charlest	la, P.R. on, S.C.	1
١	WSSC	Sumter,	S.C.	1
l	KRSD	Rapid C Clevelan	ity, S.Dak.	i
1	WKR	M Columb	ia. Tenn.	1
l	WLOH	Memphis	ter, Tenn.	
Ì	KTSL	Burnet,	Tex.	10
	KSET	El Paso,	Tex.	10
	KRBA	Lufkin, Pampa,	Tex.	10
l	KTEO	San Ang	hur, Tex.	10
	WTW	N St. John	Tex. nsbury, Vt. Amaile, V n, Va.	10
	WKEY	Covingto Hopewel	n, Va. I. Va.	.1. 2
ļ	KAGT	Anacortes	Va. Wash.	10
	KAPA KMEL WHAF WEPN WMOVE WLDY WRIT KSGT	A Williar A Aquadi E Charlest I Rock Hi Sumter, Huron, S Rapid C Clevelan M Golumb M Golumb M Golumb M Golumb M Golumb M Golumb M Golumb M Golumb M Golumb M Golumb M Golumb M M M M M M M M M M M M M M M M M M M	Wash.	10
	WEP	Clarksbu Martinsl	rg. W.Va. burg, W.Va. nery. W.Va	10 a. 10
	WLDY	Welch, \	W. Va	10
	WRIT KSGT KYCN KWOF	Milwauke Jackson,	e. Wis. Wyo.	10
	KWOF	Wheatlan Worland	Wyo.	10
	1350	-222.1		

WHAP Hopewell, Va.	1
WJMA Orange, Va.	7
KAGT Anacortes, Wash.	i
KSMK Kennewick, Wash,	i
KAPA Raymond, Wash.	i
KMEL Wenatchee, Wash.	•
WHAR Clarksburg, W.Va.	1
WEPM Martinsburg, W.Va.	i
WMON Montgomery, W.Va.	- 1
WOVE Welch, W. Va	1
WLDY Ladysmith, Wis	i
WRIT Milwaukee, Wis.	i
KSGT Jackson, Wyo.	i
KYCN Wheatland, Wyo.	
KWOR Worland, Wyo.	1
350-222,1	

35U-	-222,1	
GAD YLS	Elba, Ala, Gadsden, Ala, York, Ala, Bakersfield, Calif.	1000d 5000d 5000d 1000d

	Hite Have Bongin	
1000	KCKC San Bernardino, Cal KSRO Santa Rosa, Calif. KKAM Pueblo, Colo. WNLK Norwalk, Conn. WINY Putnam, Conn. WEZY Cocoa, Fia. WOCF Dade City, Fia. WOAI FI. Myers, Fia. WBG Blackshear, Ga. WBG Blackshear, Ga. WBG Lineck Hawdobins, Ga. KTOH Linue, Hawali KTOH Linue, Hawali KRLC Lewistown, Ida.	5000 5000 5000
500	KKAM Pueblo, Colo.	5000
500 1000 1000 1000 1000	WNLK Norwalk, Conn.	0001 00001
1000	WEZY Cocoa. Fig.	1000
1000	WDCF Dade City, Fla.	P0001
1000	WBSG Blackshear, Ga.	500d
1000	WRWH Cleveland, Ga.	1000d
000 1000	KTOH Lihue, Hawaii	5000
1000	WRWH Cleveland, Ga. WRWH Cleveland, Ga. WAVC Warner Robins, Ga. KTOH Lihue, Hawaii KRLC Lewistown, Ida Clarkston, Wash WXCI Peopla	50004
0009		1000
1000	WJBO Salem, Ili.	500d
1000	KVRS Rook Springs, Wyo. KRNT Des Moines, Iowa KMAN Manhattan, Kans.	1000
1000	KRNT Des Moines, Iowa	5000
1000	WLOU Louisville, Ky.	5000d
1000	Clarkston, Wash WXCL Pooria, III. WIBO Salem, III. WIBO Salem, III. KYRS Rook Springs, Wyo. KRNT Des Moines, Iowa KMAN Manhattan, Kans. WLOU Louisville, Ky. WSMB New Orleans, La. WHMI Howell, Mich.	5000
500	KTMF New Prague, Minn.	500d
1000	WCMP Pine City, Minn,	10000
1000	WKCU Corinth, Miss.	1000
0001	KCHR Charleston, Mo.	1000d
000d 1000 1000 1000 1000 1000 1000 1000	KYRS Rook Springs, Wyo, KRNT Des Moines, Iowa KMAN Manhattan, Kans. WLOU Louisville, Ky, WSMB New Orleans, La. WHMI Howell, Mich, KTMF New Prague, Minn, KOLO Ortonville, Minn, WCMP Pine City, Minn, WKCU Corinth, Miss. WKOZ Kosciusko, Miss. KCHR Charleston, Mo. KBRX O'Neill, Nebr. WLNH Laconia, N. H.	1000d
D000	WLOU Louisville, Ky. WSMB New Orleans, La. WHMI Howell, Mich. KTMF New Prague, Minn. KOIO Ortonville, Minn. WCMP Pine City, Minn. WCMP Corinth, Miss. WKOU Kosciusko, Miss. KKOH Charleston, Mo. KBRX O'Neill, Nebr. WLNH Laeonia, N.H. WHWH Princeton, N.J. KABQ Albuquerque, N.M. WCBA Corning, N.Y. WRNY Rome, N.Y. WBMS Black Mountain, N.C.	1000 5000d 1000d 1000d 5000d 5000d
250 1000	WCBA Corning, N.Y.	5000 1000d
1000	WRNY Rome, N.Y.	500d
1000 250	Wome Black Mountain, N.C	500d
1000	WHIP Mooresville, N.C.	500d 1000d 1000d 500d
1000	KBMR Bismarck, N. D.	500d
1000	WCSM Celina. Ohio	500d
1000	WCHI Chillicothe, Ohio	10009
1000	KTLQ Tahlequah, Okla.	10004
1000	KRVC Ashland, Oreg.	1000d
000	WWBR Windher, Pa.	10000
1000 250	WEGA Vega Baja, P.R.	10004
	WGSW Greenwood, 8.C.	1000d
000	KCAR Clarksville, Tex.	500d
500	KTXJ Jasper, Tex.	1000d
1000 250	WBLT Bedford, Va.	1000d
000	WNVA Norton, Va.	5000d
000	WKLX Portsmouth, Va.	5000
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000	WBMS Black Mountain, N.C. WHIP Meoresville, N.C. WLLY Wilson, N.C. KBMR Bismarck, N. D. WSLR Akron, O. WSSM Cellna, Ohio WGHI Chillieothe, Ohio KRHD Dunean, Okla. KTLQ Tahlequah, Okla. KTLQ Tahlequah, Okla. KTV Cashland, Oreg. WORK York, Pa. WWBR Windher, Pa. WWBR Windher, Pa. WGAV Vega Baja, P.R. WDAR Darlington, S.C. WRKM Carthage, Tonn. KCAR Clarksville, Tox. KTXJ Jasper, Tex, KCAR San Antonio, Tex. WBLT Bedford, Va. WFLS Fredericksburg, Va. WNVA Norton, Va. WKLX Portsmouth, Va. WPDR Portage, Wis. 1360—220.4	10004
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Wave Length

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WSLR Akron. O. WCSM Cellna, Ohio WCHI Chillicothe, Ohio KRHD Duncan, Okla. KTLQ Tahlequah, Okla. KRVC Ashland, Oreg. WORK York, Pa. WEGA Vega Bala. P.R. WEGA Vega Bala. P.R. WDAR Darlington, S.C. WGSW Greenwood, S.C. WGSW Greenwood, S.C. WGSW Greenwood, S.C. KRKM Carthage, Tenn. KCAR Clarksville, Ten. KCAR Clarksville, Ten. KCAR Clarksville, Ten. KCOR San Antonio, Tex WBLT Bafford, Va. WFLS FrederickSburg, Vi WNVA Nortom, Va. WNVA Nortom, Va. WKLX Portsmouth, Va. WPDR Portage, Wis.

WLIQ Mobile, Ala. WHIG Monroeville, Ala. WHER Monroeke, Ala. KRUX Glendale, Ariz. KLYR Clarksville, Ark. KFIZ Helona, Ark. KFIZ Helona, Ark. KFIZ Helona, Ark. KFIZ Helona, Ark. KFIZ Helona, Ark. KFIZ Helona, Ark. KFIZ Helona, Ark. KFIZ Helona, Ark. KFIZ Helona, Ark. KFIZ Helona, Calif WDRC Hartford, Conn. W GRA Hismi Beach, Fla. W KAT Miami Beach, Fla. W INT Winter Haven, Fla. W INT Winter Haven, Fla. W INT Winter Haven, Fla. W INT Winter Haven, Fla. W INT Winter Haven, Fla. W INT Winter Haven, Fla. W INT More Ga. W Lawrenceville, Ga. W LAW Lawrenceville, Ga. W LBK De Kalb, III. KHAK Cedar napids, Iowa f KXGI Flam difan, owa KSCI Sioux Ciby, Iowa KXGI	
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WPPA Pottsville, Pa.	p000
WCHQ Camuy, P.R. WELP Easley, S.C.	p000
WELP Easley, S.C.	5000
	000.
WLCM Lancoster S.C.	pood
WBLC Lengir City Tenn	1000
WNAH Nashville, Tenp. 10	0004

KME	A das reudiu	H.L.
KRAY	Amarillo, Tex.	500d
KACT	Andrews, Tex.	D0001
KWB	Baytown, Tex.	1000
KRYS	Corpus Christi, Tex.	1000
KXOL	Ft. Worth, Tex.	5000
WBOE	Galax. Va.	1000d
WHB	Harrisonburg, Va.	5000d
KFDR	Grand Coulee, Wash,	[000d
KMD	Tacoma, Wash.	5000
WHIC	Matewan, W.V.	1000d
	/ Ravenswood, Va.	£000d
	Green Bay, Wis.	5000
	Viroqua, Wis.	1000
	E Menomonie, Wis.	f000d
	Rock Springs, Wyo.	1000
1270	0100	

WBYE Calera, Ala. KAWW Heber Springs,	1000
Ark.	1000
KTPA Presoutt, Ark.	500
KREL Corona, Cal.	500
KPCO Quiney Cal.	500
KEEN San Jose, Calif.	500
KGEN Tulare, Calif.	1000
WKMK Blountstown Fla.	500
WWKF Ocala Fla	5000
WCOA Pensacola, Fla.	500
KTPA Presoott, Ark. KREL Corona, Cal. KPCO Quincy. Cal. KEEN San Jose, Calif. KGEN Tulare, Calif. WKMK Blountstown, Fla. WWKE Ocala, Fla. WACA Pensacola, Fla. WAXE Vero Beach, Fla. WALDY Jesup, Ga.	1000
WLOP Jesup, Ga.	500
	1000
WLOV Washington, Ga.	1000
	1000 500
WTTS Bloomington, Ind.	500
WLTH Gary, Ind.	
WTTS Bloomington, Ind. WLTH Gary, Ind. KDTH Dubuque, Iowa	500
WLTH Gary, Ind. KDTH Dubugue, lowa KGNO Dodge City, Kans. KALN lola, Kans. WABD Ft. Campbell, Ky. WGOH Grayson, Ky. WTKY Tampkingsille Ky.	500
KALN lola, Kans.	500
WABD Ft. Campbell, Ky. WGOH Grayson, Ky. WTKY Tompkinsville, Ky. KAPB Marksville, La. WDEA Ellsworth, Me.	500
WGOH Grayson, Ky.	5000
WTKY Tompkinsville, Ky.	0001
WIRT Tompkinsville, Ry, KAPB Marksville, La, WDEA Ellsworth, Me. WMHI Braddocks Hts., Md. WKIK Leonardtown, Md. WWAM Cadillac, Mich. WGHN Grand Haven, Mich.	1000
WDEA Ellsworth, Me.	500
WMHI Braddocks Hts., Md.	500
WKIK Leonardtown, Md.	1000
WWAM Cadillac, Mich.	
WGHN Grand Haven, Mich.	50
KSUM Fairment, Tenn.	100
KDAN South St. Paul. Minn	. 5000
WMGO Canton, Miss.	1000
WKIK Leonardtown, Md. WWAM Cadillac, Michlich, WGHN Grand Haven, Mich. KSUM Falrment, Tenn. KDAN Seuth St. Paul, Minn WMGO Canten, Miss. KWRT Boonville, Mo. KXLF Butte, Mont. KAWL York, Nebr. WEEA Manchester, N.H. WELV Ellenville, N.Y. WALK Patchegue, N.Y. WALK Patchegue, N.Y. WALK Patchegue, N.Y. WTAB Tabor City, N.C. KFJM Grand Forks, N.D. WSPD Toledo, Ohlo KVYL Holdenville, Okla. KASA Askortionee, Ore. KFJR Sweet Home, Ore. KFJR Sweet Home, Ore. KFJR Sweet Home, Ore.	0001
KCRV Caruthersville, Mo.	1000
KXLF Butte, Mont.	500
KAWL York, Nebr.	500
WFEA Manchester, N.H.	500
WELV Ellenville, N.Y.	500
WALK Patchogue, N.Y.	5000
WSAY Rochester, N.Y.	500
WLTC Gastonia, N.C.	.5000
WTAB Tabor City, N.C.	5000
KFJM Grand Forks, N.D.	10000
WSPD Toledo, Ohio	500
KVYL Holdenville, Ukla.	2000
KAST Astoria, Ureg.	1000
KFIR Sweet Home, Ore.	1000
KFIR Sweet Home, Ore. WOTR Corry, Pa. WPAZ Pottstown, Pa. WKMC Roaring Spring, Pa.	1000
WYAZ POLISIOWII, Pa.	10000
WIVY Viceus B B	500
WVED Wickford P	500
WOFE Chattanoons Tenn.	500
WOXE Lawrencehurg Tenn.	10000
WRGS Rogersville, Tenn.	10000
KOKE Austin Tax.	10000
KERO Longview, Tex.	1000
KPOS Post, Tex.	10000
KSOP Salt Lake City, Utah	10000
WBTN Bennington, Vt.	10000
WHEE Martinsville, Va.	50000
WIWS South Hill, Va.	50000
KPOR Quincy, Wash,	10000
WEIF Moundsville, W. Va.	10000
WCCN Neillsville, is.	50000
WKMC Roaring Sgring, Pa. WKFO Wickford, R.I. WDEF Chattanoga, Tenn. WDXE Lawrenceburg, Tenn. WDXE Lawrenceburg, Tenn. KOKE Austin, Tex. KFRO Longview, Texn. KFRO Longview, Tex. KFRO Longview, Tex. KPOS Post, Tex. KSOP Salt Lake City, Utah WBTN Bennington, Vt. WHEE Martinsville, Va. WJWS South Hill, Va. KJOR Suliney, Wash, Va. WEIF Moundsville, W. Va. WCCN Neillsville, W. Va. KVWO Cheyenne, Wyo.	10000

1380-217.3	
WRAB Arab, Ala,	(000d
WGYV Greenville, Ala.	1000d
WVSA Vernon, Ala.	1000d
KATO Safford, Ariz.	5000
KDXE N. Little Rook, Ark.	1000d
KVBM Lancaster, Calif.	[000d
KGMS Sacramento, Calif.	1000
KTOM Salinas, Cal.	5000
KFLJ Walsenburg, Colo.	f 000d
WOWW Naugatuck, Conn.	5000
WAMS Wilmington, Del.	5000
WLIZ Lake Worth, Fla.	1000d
WDAT Ormond Bch, Fla.	1000d
WLCY St. Petersburg, Fla.	5000
WAOK Atlanta, Ga.	5000
WSIZ Ocilla, Ga.	5000d
KPOI Honoluly, Hawaii	5000
WBEL So. Befolt, III.	5000
WKJG Ft. Wayne, Ind.	5000
KCIM Carrell, lowa	1000
KCII Washington, lowa	500d
KUDL Fairway, Kan.	5000
WMTA Central City, Ky.	500d
WWKY Winchester, Ky.	F000q
WYNK Baton Rouge, La.	500d
WKTJ Farmington, Me.	1000d
WPHM Port Huron, Mich.	5000

kHz Wave Length	W.P.	kHx	Wave Length	W.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
	1000 5000	KVNY	Yuma, Ariz. El Dorado, Ark.	250 1000	L WCDS	Carolina, P.R. Columbia, S.C.	500 1000	1420-	–211.1	
WPLB Greenville. Mich. KLIZ Brainerd, Minn. KAGE Winona, Minn. WDLT Indianola, Miss.	1000 500d	KCLA	El Dorado, Ark. Pine Bluff, Ark. I Wynne, Ark.	1000	WGTN	Georgetown, S.C. Spartanburg, S.C. Lemmon, S.D.	1000	WACT	Tuscaloosa, Ala.	5000d
KWK St. Louis, Mu.	5000 500d	KREO	India, Cal.	0001 0001 0001	WIZM	Clarksville, Tenn.	1000	KXOW	Sierra Vista, Ariz. Hot Springs, Ark. Pocahontas, Ark.	1000q
WBBX Portsmouth, N.H. WAWZ Zarephath, N.J.	1000 5000 500d	KSLY	Redding, Cal. San Luis Obispo, Cali Santa Paula, Cal.	f. 1000 1000	WLSB	Clarksville, Tenn. Cookeville, Tenn. Copperhill, Tenn. Kingsport, Tenn. Maryville, Tenn.	1000	KJST .	Pocahontas, Ark. Joshua Tree, Cal. Stockton, Çalif.	1000d
WFSR Bath, N.Y. WBNX New York, NY. WKKE Asheville, N.C. WTOB Winston-Salem, N.	5000 5000	KTRT	Santa Paula, Cai. Truckee, Cai. Ukiah, Calif. Visalia, Calif. Canon City, Colo. Delta, Colo. Ft. Morgan, Colo.	1000	WGAP	Maryville, Tenn. Shelbyville, Tenn. Ballinger, Tex.	1000	WLIS	Did Saybroek, Conn. Bradenton, Fla. Delray Beach, Fla. St. Augustine, Fla.	500d 1000d
	300u	KONG	Visalia, Calif. Canon City, Colo.	1000 250	KBYG	Big Spring, Tex.	1000	WADE	Delray Beach, Fla. St. Augustine, Fla.	5000d
WPKO Waverly, Ohio KSWO Lawton, Okla.	1000g	KETM	Ft. Morgan, Colo.	1000 250 1000	KILE	Corpus Christi, Tex Galveston, Tex. Greenville, Tex.	250 1000	WRBL	Avondale Estates, Ga Columbus, Ga. Louisville, Ga. Toccoa, Ga.	5000 1000d
KMUS Muskogee, Okia. KBCH Ocean Lake, Oreg.	1000 1000d 5000	WSTC.	Stamford, Conn.	1000	KEBE	Jacksonville, Tex.	1000	WLET	Toccoa, Ga. Honolulu, Hawaii Murphysboro, III.	3000
KSRV Ontario, Oreg. WACB Kittanning, Pa. WMLP Milton, Pa.	1000q	WFTL	Ft. Lauderdale, Fla Ft. Pierce, Fla. Ft. Walton Beach, Fla	1000	KEYE	Perryton, Tex. Plainview, Tex. Stamford, Tex.	1000	WIMS	Michigan City, Ind.	500d 5000
WAYZ Waynesboro, Pa. WNRI Woonsocket, R.I.	1000d	IWRHU	Jacksonville, Fla.	1000	KIEM	rempie, rex.	1000	KJCK .	avenport, lowa Junction City, Kans, Ulysses, Kan.	1000d
	1000d 1000d 500d	WTRR	Perry, Fla. Sanford, Fla. Zephyrhills, Fla.	1000 1000 1000	KVOU	Texarkana, Tex. Uvalde, Tex. Provo, Utah	1000 250 1000	WCTR	Ashland, Ky. Harrodsburg, Ky. Owensboro, Ky. Lafayette, La. New Bedford, Mass.	5000d 1000d
WGUS N. Augusta, S.C. KOTA Rapid City, S.Dak. KFCB Redfield, S.Dak. WYSH Clinton, Tenn. WIZO Franklin, Tenn.	1000q 200q	IWULF	Alma, Ga. Elberton, Ga.	1000	WELK	Charlottesville, Va.	1000	WVJS	Owensbore, Ку. Lafayette, La.	5000 1000
	3000	MCOH	Macon, Ga. Newnan, Ga.	0001	WHHV	Hillsville, Va. Portsmouth, Va. So. Boston, Va.	1000			5000 1000 500d
KJET Beaumont, Tex. KBWD Brownwood, Tex.	00001 00001	KART	Savannah, Ga. Jerome, Ida.	1000 1000 1000	WINC	So. Boston, Va. Winchester, Va.	1000 1000 1000	WKPR	Flint, Mich. Kalamazoo, Mich. Mankato, Minn.	1000d 5000
KTSM El Paso, Tex. KMUL Muleshoe, Tex. KBOP Pleasanton, Tex.	5000 1000d 1000d	KIGO	Jerome, Ida. Moscow, Ida. St. Anthony, Ida. Sandpoint, Idaho	1000	KRSC	Othelia, Wash.	1000	WSUH	Oxford, Miss. Vicksburg, Miss.	b0001
WSYR Rutland, Vt.	5000 5000	WGIL	Galesburg, III.	0001	WBOY	So. Boston, Va. Winchester, Va. Longview, Wash. Othella, Wash. Tacoma, Wash. Clarksburg, W.Va. Ronceverte, W.Va.	1000	KBTN	Mankato, Minn. Oxford, Miss. Vicksburg, Miss. Wiggins, Miss. Neosho, Mo. Omaha, Nebr.	1000d 500d
WTVR Richmond, Va. KRKO Everett, Wash. KEZE Spokane, Wash. WMTD Hinton, W.Va.	5000 5000d	WROZ	Evansville, Ind. Marion, Ind.	1000	WVRC	Spencer, W.Va. Wheeling, W.Va.	1000	WASR	Umana, Nebr. Wolfeboro, N.H. Santa Posa N May	10004
	10004	KVFD	Centerville, Ia. Fort Dodge, Iowa Emporia, Kans.	500 1000 1000	WATW	Spencer, W.Va. Spencer, W.Va. (Wheeling, W.Va. Williamson, W.Va. Ashland, Wis. Fan Claire, Wis	1000 1000	WALY	Wolfeboro, N.H. Santa Rosa, N.Mex. Herkimer, N.Y. Newark, N.Y. Peekskill, N.Y. Mayodan, N.C.	1000d
1390215.7		WCYN	Hays, Kans. Cynthiana, Ky.	1000	Whitz	Creen Bey Wie	1000	WLNA	Peekskill, N.Y. Mayodan, N.C.	
WHMA Anniston, Ala. KDQN DeQueen, Ark.	500d	WIEL	Elizabethtown, Ky. London, Ky.	1000 250	WRDB	Racine, Wis. Reedsburg, Wis. Wausau, Wis. Casper, Wyo. Cody, Wyo.	1000	WGAS	Mayouan, N.C. S. Gastonia, N.C. Wilson, N.C. Cleveland, Ohio Iobart, Okla.	500d 1000 5000
KAMO Rogers, Ark. KGER Long Beach, Calif.	1000d 5000	KAOK	Hammond, La. Lake Charles, La.	1000	KODI	Casper, Wyo. Cody, Wyo.	1000	KTIS	lobart, Okla.	1000d
KCEY Turlock, Calif. KFML Denver, Colo. WAPR Avon Park, Fla.	5000 5000d 1000d	WIDE	Augusta, Maine Biddeford, Maine Machias, Me.	1000 1000 1000	1410-	212.6	l	WCOJ	Coos Bay, Oreg. Coatesville, Pa. DuBois, Pa.	5000 5000
	5000d 5000d	WWIN	Baltimore, Md. Fall River, Mass. Lowell, Mass.	1000	WUNI	Mobile, Ala.	5000	WEUC	DuBois, Pa. Ponce, P.R. Cheraw, S.C.	1000d
WISK Americus, Ga. WNUS Chicago, III. WFIW Fairfield, III.	5000 1000	WLLH	Lowell, Mass. Northampton, Mass	, 1000	WPXC	Mobile, Ala. Pratteville, Ala. Tuscumbia, Ala.	5000 500d	KABK	Aberdeen, S.D. Erwin, Tenn. Pulaski, Tenn.	1000d 5000d 1000
WFIW Fairfield, III, WJCD Seymour, Ind. KCLN Clinton, Iowa	1000q	WKFR	Northampton, Mass Battle Creek, Mich. Detroit, Mich.	1000	KERN	Bakersfield Colif	1000d 1000 500d	KFYN	Bonham, Tex. Lubbock, Tex. Lufkin, Tex.	250d 500d
KCBC Des Moines, Iowa KNCK Concordia, Kans.	0001 0000 00001	WSAM	Houghton, Mich. Saginaw, Mich. St. Joseph, Mich. Traverse City, Mich. Long Prairie, Minn.	1000 1000	KKOK	Carmel, Calif. Lompoc, Calif. Marysville, Calif.	500d 500d	KLUF	Lufkin, Tex. New Braunfels, Tex.	1000
WANY Albany, Ky. WKIC Hazard, Ky. KFRA Franklin, La.	5000d 500d	WTCM	Traverse City, Mich Long Prairie, Minn.	. 1000	IKCAL	Rediands, Cal. Ft. Collins, Colo. Hartford, Conn.	5000 1000	WWSR	New Braunfels. Tex. San Angelo, Tex. St. Albans, Vt. Gloucester, Va. Warrenton, Va.	1000d
KFRA Franklin, La. WEGP Presque Isle, Me. KJPW Waynesboro, Mo.	5000d 1000d	WMIN	Marshall, Minn. MplsSt. Paul, Min Virginia. Minn	n. 1000	WPOP	Hartford, Conn. Dover, Del. Fort Myers, Fla.	5000 5000	WKCW	Warrenton, Va. Chehalis-Centralia,	5000d
WCAT Orange, Mass. WPLM Plymouth, Mass. WCER Charlotte, Mich.	1000d 5000 5000d			1000			5000 1000d 5000d		Wash.	500d
KAOH Duluth, Minn.	5 00 500a		Columbus, Miss. Grenada, Miss. Hattiesburg, Miss.	1000	WGRI	Tallahassee, Fla. Griffin, Ga. McRae, Ga. Rome, Ga. Elgin, III.	1000d	WPLY	Renton, Wash. Valla Walla, Wash. Plymouth, Wis.	5000 500 d
KRFO Owatonna, Minn. WROA Gulfport, Miss. WQIC Meridian, Mass.	10009	WIQS	Jackson, Miss,	1000	WEM	Rome, Ga. Elgin, III.	1000d 1000d	1430-	–209.7	
KJPW Waynesboro, Mo. KENN Farmington, N.Mes KHOB Hobbs, N.Mcx. WEOK Poughkeepsie, N.Y	. 5000d 5000d	KSIM	Columbia, Mo. Festus, Mo. Sikeston, Mo.	0001	WAZY	Taylorville, III. Lafayette, Ind. Grinnell, Iowa	10000			
WEOK Poughkeepsie, N.Y.	. 5000 1000d	KTTS	Suringfield, Mo. Deer Lodge, Mont. Glendive, Mont.	1000	KLEM	Lafayette, Ind. Grinnell, Iowa LeMars, Iowa Leavenworth, Kans.	1000d 5000d	WFHK KHBM	Red Bay, Ala. Pell City, Ala. Monticello, Ark. El Centro, Calif. Fresno. Calif. San Gabriel. Cal. Sacramento, Calif. Santa Clara, Cal. Aurora. Colo.	1000d 1000d
WRIV Riverhead, N.Y. WFBL Syracuse, N.Y. WEED Rocky Mount, N.C	5000	KARR	Glendive, Mont. Great Falls, Mont.	1000	MEBI	Wichita, Kans. Bowling Green, Ky. Harlan, Ky.	5000 5000d	KARM	Fresno, Calif.	5000 5000
WADA Shelby, N.C. WJRM Troy, N.C. KLPM Minot, N.Dak.	1000d 1000d	KCOW	Great Falls, Mont. Ainsworth, Neb. Alliance, Nebr. Lincoln, Neh.	1000	KDBS	Alexandria, La. Halfway, Md. Brockton, Mass.	P0001	KJAY	Sacramento, Calif.	500d 1000
WTOO Bellefontaine, Ohio	500	KWNA	Winnemucca, Nev.		WOKW	Grand Rap., Mich.	1000d	WIII H	Aurora, Colo. omestead, Fla.	5000 500d
WFMJ Youngstown, Ohio	D. 5000d 5000	WBRL	Berlin, N.H. Hanover, N.H. Littleton, N.H.	1000	KRWB	Grand Rap., Mich. Litehfield, Minn. Roseau, Minn. Cleveland, Miss. Newton, Miss.	1000d 1000d	WPCF	Comestead, Fla. Lakeland, Fla. Panama City, Fla. Covington, Ga. Dalton, Ga.	5000 5000 1000d
KCRC Enid, Okła. KSLM Salem, Oreg. WLAN Lancaster, Pa.	5000 5000	KIRU	Santa Fe. N.M. Truth or Consequence	1000	WBKN	Newton, Miss.	500d	WRCD	Dalton, Ga. Tifton, Ga.	1000d 5000
WRSC State College, Pa. WISA Isahella, P.R.	P0001	KTNM		co 250 1000	WHTG	Eatontown, N.J. Dunkirk, N.Y.	500d	WEEF	Highland Park, III. Ottawa, III.	1006d 500d
WHPB Belton, S.C. WCSC Charleston, S.C.	1000d 5000	WABY	Tucumcari, N.M. Pleasantville, N.J. Albany, N.Y. Buffalo, N.Y.	1000	WELM	Elmira, N.Y. Watertown, N.Y.	1000 5000	KASI	Indianapolis, Ind. Ames. Iowa	5000 1000d 500d
WRSC State College, Pa, WISA Isaholla, PR, WHPB Belton, S.C. WSC Charleston, S.C. KJAM Madison, S.D. WYXI Athens, Tenn WTIS Jackson, Tenn, WMCT Mountain City, Te KULP El Campo, Tex. KBEC Waxahachie, Tex. KBLW Logan, Utah WEAM Arlington, Va. WWOD Lynchburg, Va. KBBO Yakima, Wash.	500d	WSLB	Oddensburg, N.Y.	1000	WSRC	Durham, N.C.	1000d	WNAV	Annapolis, Md.	5000 5000d
WMCT Mountain City, Te	nn. 500d	WGBG	Greenshore, N.C.	1000	WING	Dayton, Ohio Portland, Oreg.	5000d 5000d	WHIL	Medford, Mass. Ionia, Mich.	5000d 5000d 5000d
KBEC Waxahachie, Tex. KBLW Logan, Utah	500d	WSIC	Statesville. N.C. Wallace, N.C.	1000	WLSH KQV	Lansford, Pa. Pittsburgh, Pa.	5000d 5000	WBRB	Mt. Clemens, Mich. Laurel, Miss.	500d 5000d
WEAM Arlington, Va. WWOD Lynchburg, Va.	5000 5000	WHCC	Waynesville, N.C. Weldon, N.C.	1000	WPCC	Clinton, S.C. Manning, S.C.	10004	KAOL	Ava, Mo. Carroliton, Mo.	500d 500d 5000
WKLP Keyser, W.Va. KBBO Yakima, Wash,	10001	WMAN	Mansfield, Ohio	1000	KBUD	Athens. Tex.	1000d	KRGI	Grand Island, Nebr.	5000 5000
1400-214.2		KWON	Bartresville, Okla. McAlester, Okla.	1000	KVLB	Cleveland. Tex. Dalhart, Tex.	500d	KKAT	Roswell, N.M. Endicott, N.Y.	5000 5000
WMSL Decatur, Ala.	1000	KNOR	Albany, N.Y. Buffalo, N.Y. Oadensburg, N.Y. Beaufort, N.C. Greenshore, N.C. Racford, N.C. Statesville, N.C. Waynesville, N.C. Waynesville, N.C. Weldon, N.C. Jamestown, N.Dak, Mansfield, Ohio Portemouth, Ohio Bartiesville, Okla, McAlester, Okla,	1000	KRIG	Roseau. Minn. Cleveland, Miss. Nowton. Miss. Nowton. Miss. North Platte. Neb. Eatontown. N.J. Dunkirk. N.Y. Elmira. N.Y. Watertown. N.Y. Coneord. N.C. Dayton. Ohio Portland, Oreg. Lansford. Pa. Cittsburgh. Pa. Cilnton. S.C. Manning. S.C. Manning. S.C. Manning. S.C. Martin. Tesm. Athens. Tex. Cleveland. Tex. Cleveland. Tex. Marshall Tex. Marshall Tex. Marshall Tex. Cleveland. Tex.	500d 1000	WMNS	Covington, Ga. Datton, Ga. Tifton, Ga. Tifton, Ga. Tifton, Ga. Tifton, Ga. Tifton, Ga. Tighand Park, Ill. Ottawa, Ill. Indianapolis, Ind. Ames. Iowa Morgan City, La. Annapolis, Md. Amherst, Mass. Medford, Mass. Ionia, Mleh. Mt. Clemens, Mich. Laurel, Miss. Ava. Mo. Carrollton, Mo. L. Louis, Mo. Carrollton, Mo. L. Louis, Mo. Grand Island, Nebr. Newark, N.J. Roswell, N.M. Endicott, N.Y. Morganton, N.C. Mt. Olive, N.C. Roxboro, N.C. Minot, N.D. Fostoria, Ohio Alva, Okla. Tulsa, Okla. Salem, Oreg. Altoona, Pa.	5000d 1000d
W F PA Ft. Payne, Ala.	1000	WEST	Laston, Pa.	1000	KNAL	San Saba, Tex. Victoria, Tex. Chester Va	500d 500d	KTYN	Minot, N.D.	1000d 5000d 1000
WMSL Decatur. Ala. WXAL Demopolis, Ala. WYPA Ft. Payne, Ala. WJLD Homewood. Ala. WJHO Opelika, Ala. KSEW Sitka, Alaska KCLF Clifton, Ariz. KXIV Phoenix. Ariz. KTUC Tucson, Ariz.	0001	WFEC	Harrisburg, Pa.	1000	WRIS	Roanoke, Va. S. Charleston, W.Va.	5000d 1000d	WCLT	Newark, Ohio Alva, Okla,	500d 500
KCLF Clifton, Ariz. KXIV Phoenix, Ariz.	250 1000	WKBI	St. Marys, Pa. Scranton, Pa. Williamsport, Pa.	1000	KWYC	LaCresse, Wis. Sheridan, Wyo.	5000 1000	KELI	Tulsa. Okla. Salem. Oreg.	5000 5000d
KTUC Tueson, Ariz.	1000	WRAK	Williamsport, Pa.	1000				WVAM	Altoona, Pa.	5000

WHITE'S	kHz Wave Length W.P.	kHz Wave Length W.P.	kHz Wave Length W.P.
RADIO	KOWN Escondido, Calif. 250 KPSI Palm Springs. Calif. 1000	WDAD Indiana, Pa. 1000	KMWX Yakima, Wash. 5000 WBUC Buckhannon, W.Va. 5000d WRAC Racine, Wis. 5000d WTMB Wisconsin Rapids, Wis.
MATALOTO	KTIP Porterville, Calif. 1000	WMDT C Williamsnort Do 1000	WRAC Racine, Wis. 500d WTMB Wisconsin Rapids, Wis. 1000d
[4(0)()	KYML Sonora, Calif. 1006 KVML Sonora, Calif. 1006 KVEN Ventura, Calif. 1006 KOBO Yuba City, Cal. 255 KGIW Alamosa, Colo. 1006 KYOU Greeley, Colo. 1006 WNAB Bridgeport, Conn. 1006 WIMM WILM Williamorte, Dol. 1006	WCPR Coamo, P.R. 1000	1470—204.0
kHz Wave Length W.P.	KYOU Greeley, Colo. 1000 WNAB Bridgeport, Conn. 1000 WILM Wilmington, Del. 1000	WCRS Greenwood, S.C. 1000	WBLO Evergreen, Ala. 1000d KDEW DeWitt, Ark. 500d
WNEL Caguas. P.R. 5000	WOL Washington, D.C. 1000	WHSC Hartsville, S.C. 1000	KOLI Coalinga, Calif. 500d KUTY Palmdale, Cal. 5000d
WATP Marion, S.C. 1000d	WOCN Miami, Fla. 1000	WLAR Athens, Tenn. 1000	KNDE Sacramento, Calif. 5000 KKEP Estes Park, Colo. 500d WMMW Meriden, Conn. 1000d
KBRK Brookings, S.Dak, 1000d WJBE Knoxylile, Tenn. 1000d WENO Madison, Tenn. 5000 WHER Memphis, Tenn, 1000d	WSPB Sarasota, Fla.	WSMG Greeneville, Tenn. 1000	WRBD Pompano Beach, Fla. 5000d WCWR Dunedin, Fla. 5000d WBIT Adel. Ga. 1000d
	WGPC Albany, Ga. 1000 WBHF Cartersville, Ga. 1000 WCON Cornella, Ga. 250	KAYC Beaumont, Tex. 1000	WDOL Athens, Ga. 1000d
KCOH Houston Tex 10004	WKEU Griffin, Ga. 1000	KCTI Genzales, Tex. 250 KMBL Junction, Tex. 1000	WCLA Claxton, Ga, 1000 WRGA Rome, Ga. 5000 WMPP Chicago Heights, III. 1000d WMBD Poeria, III. 5000 WHUT Anderson, Ind. 1000d KTRI Sioux City, Iowa 5000 KWAY Waverly, Iowa 1000d KARE Atchison, Kans. 1000
WIVE Ashland, Va. 1000d WKEX Blacksburg, Va. 1000d	WVLD Valdosta, Ga. 1000	KAMY McCamey, Tex. 250	KTRI Sioux City, Iowa 5000 KWAY Waverly, Iowa 1000d
WDIC Clincho, Va. 1000d KBRC Mt. Vernon, Wash. 5000 WEIR Weirton, W.Va. 1000 WBEV Beaver Dam, Wis. 1000d		I WMFT Palacting Tay 1000	KLIB Liberal, Kans. 1000d
WRDN Durand, Wis. 1000d	WCVS Springfield, III. 1000	WSNO Barre, Vt. 1000	KTDL Farmersville, La. 1000d KPLC Lake Charles, La. 5000
1440-208.2	WASK Larayette, Ind.	WENZ Highland Springs.	WTTR Westminster, Md. 1000d
WHHY Montgomery, Ala. 5000 KDOT Scottsdale, Ariz. 5000d KHOG Fayetteville, Ark. 1000d	WAOV Vincennes, Ind. 1000 KLWW Cedar Rapids, Ia, 250 KYET Payette, Ida, 250	WREL Lexington, Va. 1000 WMVA Martinsville, Va. 1000	WSRO Marlborough, Mass. 1000d WNBP Newburyport, Mass. 500d WKMF Flint, Mich. 5000
KVON Name Cel 5000	WTCO Campbellsville, Ky. 1000	WLPM Suffolk, Va. 1000 KBKW Aberdeen, Wash. 1000	WCHI Brookhaven Miss. 1000d
KPRO Riverside, Calif. 1000 KUHL Santa Maria, Cal. 1000 WBIS Bristol, Conn. 500d WAYK Lehigh Acres, Fla. 5000 WABR Winter Park, Fla. 5000	WPAD Paducan, Ky.	KONP Port Angeles, Wash. 250 KAYE Puyallup, Wash. 1000	WNAU New Albany, Miss. 500 KGHM Brookfield, Mo. 500d KTCB Maiden, Mo. 1000d WTKO Ithaca, N.Y. 1000d
	WNPS New Orleans, La. 1000		WPDM Potsgam, N.T. 1000g
WGIG Brunswick, Ga. 5000 WVMG Cochran, Ga. WRAJ Anna, III. 500d	WLKN Lincoln, Me. 1000 WRKD Rockland, Maine 250 WKTQ South Paris, Maine 1000	I KBBS BUTTAIO. WYO. 250	WPNC Plymouth N.C. 10004
WIOK Normal, III. 1000	WTBO Cumberland, Md. 1000 WTHU Thurmont, Md. 500	74/0 0054	WOHO Toledo, Ohio 1000
WGEM Quincy, 111. 5000 WROK Rockford, III. 5000 WPGW Portland, Ind. 5004 KCHE Cherokee, lowa 5004	Michigan 1000	WFMH Cullman, Ala. 5000	KYLH Pauls Valley, Okla. 250d KVIN Vinita, Okla. 500d KUUN Reedsport, Ore. 5000d WSAN Allentown, Pa. 5000 WFAR Farrell, Pa. 1000 WWML Portage, Pa. 500d WALL Columbia, S.C. 5000d
KEWI Topeka, Kans. 5000 WCDS Glasgow, Ky. 1000d	WMIQ from Mtn., Mich. 250 WIBM Jackson, Mich. 1000	KZOT Marianna, Ark. 500 KCCL Paris, Ark. 500d	WFAR Farrell, Pa. 1000 WWML Portage, Pa. 500d
WPDE Paris, Ky. 1000d WEZJ Williamsburg, Ky. 1000d KMLB Monroe, La. 5000	WKLA Ludington, Mich. 1000	KDON Salinas Calif. 5000	
WAAB Wordester, Mass. 5000d	KATE Albert Lee, Minn. 1000 KBUN Bemidji, Minn. 1000	KYSN Colo. Sprgs., Colo. 1000	WEAG Alcoa, Tenn. 1000d WVOL Berry Hill, Tenn. 5000 KRBC Abliene, Tex. 5000 KDHN Dimmitt. Tex. 500d
WDOW Downglac, Mich. 1000d WCHB Inkster, Mich. 1000d	Wahpeton, N.D. 1000	Florida 1000d	KWRD Henderson, Tex. 500d KCNY San Marcos, Tex. 250d WTZE Tazewell, Va. 1000d
WDOW Downgias, Mich. 1000d WDOW Downgias, Mich. 1000d KCHS Inkster, Mich. 1000d KCHS Golden Valley, Minn. 1000 KHS Lucedale, Miss. 900d WSEL Lucedale, Miss. 1000d WSEL STATE WSS. 1000d WMVB Milliville, Mss. 1000d WBAB Rabuler, N. 1000d	WHSY Newberry, Mich. 100 WHLS Port Huron, Mich. 100 KATE Albert Lee, Minn. 100 KBUN Bemidji, Minn. 100 KBUN Brookenridge, Minn. 100 WELY Ely, Minn. 100 WFAM St. Cloud, Minn. 100 WROX Clarksdale, Miss. 100 WGJU Columbia, Miss. 100 WGJU Columbia, Miss. 100 WGJU Columbia, Miss. 100 WOKK Meridian. Miss. 100 WOKK Meridian. Miss. 100	WPNX Columbus, Ga. 5000 WROY Carmi, III. 1000d	KELA Centralia-Chenalis,
WSEL Pontotoc, Miss. 1000d WMVB Millville, N.J. 1000d WBAB Babylon, N.Y. 1000d	WJXN Jackson, Miss. 1000 WOKK Meridian, Miss. 1000 WNAT Natchez, Miss. 1000	WIXN Dixon, III. 1000d WRTL Rantoul, III. 500d WKAM Goshen, Ind. 1000	KSEM Moses Lake, Wash. 5000 KAPS Mount Vernon, Wash. 5000 WWHY Huntington. W.Va. 5000d WNEU Wheeling, W.Va. 500d
WJJL Niagara Falls, N.Y. 1000d WSGO Oswego, N.Y. 1000d WBLA Elizabethtown, N.C. 1000d WBUY Lexington, N.C. 5000	KFTW Fredericktown, Mo. 1000	WOCH North Vernen, Ind. 1000d KSO Des Moines, Iowa 5000	WNEU Wheeling, W.Va. 500d WBKV West Bend, Wis. 1000d
KIIO Grand Facks N.D. 1000	KIRX Kirksville, Mo. 1000 KOKO Warrensburg, Mo. 1000	II W X U K BATON KOUGE, LA. JUUU	1480-202.6
WHHH Warren, Ohio 5000 KMEO Medford, Oreg. 5000 KODL The Dalles, Oreg. 1000	KXXL Bozeman, Mont. 1000 KUDI Great Falls. Mont. 1000	WEMD Easton, Md. 1900 WBET Brockton, Mass. 5000	WARI Abbeville, Ala. 1000d WLPH Irondale, Ala. 5000d WBTS Bridgeport, Ala. 1000d
WCDL Carbondale, Pa. 5000d WNPV Lansdale, Pa. 500d WGCB Red Lion, Pa. 1000d	KRBN Red Ledge, Mont. 1000 KVCK Wolf Point, Mont. 1000	WPON Pontiac, Mich. 1000 KDWA Hastings, Minn. 1000d	WABB Mobile, Ala. 5000 KHAT Phoenix, Ariz. 500d
WQOK Greenville, S.C. 5000 WZYX Cowan, Tenn. 1000d WHDM McKenzie Tenn 500d	KONE Reno, Nev. 1000	KDMA Montevideo, Minn. 1000 WELZ Belzoni, Miss. 1000d	KGLU Safford, Ariz. 1000 KTHS Berryville, Ariz. 1000d KWUN Concord, Calif. 500d
KPUR Amarillo, Tex. 5000 KEYS Corpus Christi, Tex. 1000	WFPG Atlantic City, N.J. 1000 WCTC New Brunswick, N.J. 1000	KIRL St. Charles. Mo. 5000d KRNY Kearncy, Nebr. 5000d	KTHS Berryville, Ariz, 1000d KRED Eureka, Cal. KYOS Merced, Calif, 5000 KWIZ Santa Ana, Calif, 5000 KSEE Santa Maria, Calif, 1000 KPUB Pueblo, Colo. 1000d WKND Windser, Conn. 500d WKND Windser, Conn. 500d WGNE Panama City Bach,
KDNT Denton, Tex. 5000 KGVL Greenville, Tex. 1000 KETX Livingston, Tex. 5000d WKLV Blackstone, Va. 5000d WOHN Herndon, Va. 1000d KDNC Spokane, Wash. 5000d WHIS Bluefield. W.Va. 5000	KRZY Albuquerque, N.M. 1000 KLMX Clayton, N.Mex. 1000 KOBE Las Cruces, N.M. 1000	KENO Las Vegas, Nev. 5000 WJJZ Mt. Holly, N.J. 5000d WOKO Albany, N.Y. 5000	KSEE Santa Maria, Calif. 1000 KPUB Pueblo, Colo. 1000d
WKLV Blackstone, Va. 5000d WOHN Herndon, Va. 1000d KDNC Spokane, Wash. 5000d	KENM Portales, N.Mex. 1000 WCLI Corning, N.Y. 1000 WWSC Glen Falls, N.Y. 1000	WVOX New Rochelle, N.Y. 500d WHEC Rochester, N.Y. 5000 WAKS Fuguay-Varina,	WKND Windsor, Conn. 500d WGNE Panama City Beach, Fla. 500d
WAJE MORGANTOWN, W.Va. 5000	WHDL Olean, N.Y. 1000 WKIP Poughkeepsie, N.Y. 1000 WKAL Rome, N.Y. 1000	WRKB Kannapolis, N.C. 1000d	WVCF Windermere, Fla. 1000d WYZE Atlanta, Ga. 5000d WRDW Augusta, Ga. 5000
1450—206.8	I WGNC Gastonia, N.C. 1000		KOFE St. Maries. Ida. 1000d
WDNG Anniston, Ala. 1000	WIZS Henderson, N.C. 1000 WHKP Hendersinville, N.C. 1000 WHIT New Bern, N.C. 1000	KELR El Reno, Okla. 500d	WTH! Terre Haute, Ind. 5000
WYAM Bessemer, Ala. 1000 WDIG Dothan, Ala. 1000 WFIX Huntsville, Ala. 1000	KGCA Rugby, N.D. 1000 WJER Dover-New Philadelphia.	WCID Juneos P.R.	KBEA Mission, Kan. 1000
WLAY Muscle Sheals City, Alabama 1000		WOOG Allendale, S.C. 1000d	WKOA Hopkinsville, Ky. 1000d WNKY Neon, Ky. 1000d WTLO Somerset, Ky. 1000d KCKW Jena, La. 500d KANV Jonesville, La. 500d
KLAM Cordova, Alaska 250 KAWT Douglas, Ariz, 1000 KNOT Prescott, Ariz, 1000	KWHW Altus, Okta. 1000 KGFF Shawnee. Okta. 1000	WEEN Lafayette, Tenn. 1000d KBRZ Freeport, Tex. 500d	KCKW Jena, La. 500d KANV Jonesville, La. 500d KJOE Shreveport, La. 1000d
KVSL Show Low, Ariz. 1000 KOPO Tueson Ariz. 250	KFLW Klamath Falls, Ore. 1000	II KIII I Dhhask Tev 1000d	WSAR Fall River. Mass. 5000 WMAX Grand Rapids, Mich. 5000d
KENA Mena, Ark. 1000 KJWH Camden, Ark. 1000 KYOR Blythe, Calif. 1000 KAVA Burney, Cal, 1000	KLBM La Grande. Oreg. 1000 KBPS Portland, Ore. 1000	WPRW Manassas. Va. 5000 WRAD Radford. Va. 5000	WIOS Tawas City-E. Tawas, Mich. 1000d
64		30000	Communications World

kHz Wave Length	W.P.	kHz	Wave Length	w.P.	kHz	Wave Length	W.P.	kHz	Wave Length	W.P.
KAUS Austin, Minn. KEHG Fosston, Minn. KDRO Sedalia, Mo.	1000 5000d	WLRC	Whitehall, Mich.	1000	WSWS	Valparaiso, Ind. Berea, Ky. New Roads, La.	1000d 250d 1000d	WCHE	West Chester, Pa. San Juan, P. R. Myrtle Beach, S.C.	250d 10000 250d
WECP Carthage, Miss.	1000 500d 5000	KLGR WLOX	Grand Rapids, Minn. Redwd. Falls, Minn. Biloxi, Miss.	1000	WVOC	Battle Creek, Mich.	1000d 50000	WKMC	Newherry, S. C. Sioux Falls, S.D. Brownsville, Tenn. Crossville, Tenn.	1000d
KGCX Sidney, Mont. KLMS Lincoln, Nebr. KWEW Hobbs, N.Mex. WLEA Hornell, N.Y. WHOM New York, N.Y.	1000 5000 1000d	WHOC	Philadelphia, Miss. Tunelo, Miss.	1000	KSTP WBFN KDFN	St. Paul, Minn. Quitman, Miss. Doniphan, Mo.	1000d 1000d	WCSV	Crossville, Tenn. Elizabethton, Tenn.	250d 250d 1000d
WHOM New York, N.Y. WADR Remsen, N.Y. WWKO Fair Bluff, N.C.	5000d 5000d	KDMO	Vicksburg, Miss, Carthage, Mo. Rolla, Mo.	1000 1000 1000	MICER	Pointton Lakes,	1000d		-196.1	
WAME Charlotte, N.C. WYRN Louisburg, N.C. WMSJ Sylva, N.C.	5000 500d	KDRO KDBM	Sedalia, Mo. Dillon, Mont. Omaha, Nebr.	1000q	WLWL	Watkins Glen, N.Y. Rockingham, N.C. Winston-Salem,	10000	WAAO	Andalusia, Ala. Moulton, Ala.	1000q
WMSJ Sylva, N.C. WNEL Caguas, P.R. WYDK Yadkinville, N.C WHBC Canton, Ohio	5000d 5000 1000d	WEMI	Atlantic City N. J.	1000	WGIC KOSG	Xenia. O. Pawhuska, Okla. Manati, P.R.	500d 500d	WCTR	Chestertown Mo.	1000 1530 250d
WHBC Canton, Ohio WCIN Cincinnati, Ohio WTRA Latrohe, Pa.	5000 5000 500d	KRSN	Los Alamos, N.Mex.	1000 1000	WDER	lamestown, Tenn.	250 1000d 1000d	KFBK	Pine Bluff, Ark. Trumann, Ark. Sacramento, Calif. Colorado Springs,	250d 50000
WDAS Philadelphia, Pa. WISL Shamokin, Pa. WSHP Shippensburg, Pa.	5000 1000 500d	WETA	Amsterdam, N.Y. Batavia, N.Y. Kingston, N.Y.	500 1000 1000	WTNE KWFA	Trenton, Tenn. Merkle, Tex. Sherman, Tex.	250d 250d 1000d	WDJZ	Bridgeport, Conn.	1000d 10000d 1000
WMDD Fajardo, P.R. KSDR Waterton, S.D. WJFC Jefferson City, Tenn	5000	WDLC	Malone, N.Y. Port Jervis, N. Y. Syracuse, N. Y.	1000	KANI	Wharton, Tex.	500	WTTI	Engiewood, Fla. Dalton. Ga. Thomson, Ga.	10000d
WMQM Memphis, Tenn. WJLE Smithville, Tenn. KBOX Dallas, Tex.	5000d 1000d	WELB	Syracuse, N. Y. Durham, N. C. Eden, N. C. Fayetteville, N.C.	1000 1000 1000		—199.1	100004	K Y M N K N B I	Denison, Iowa Northfield, Minn, Norton, Kan.	500d 1000d 1000d
KIVI Pasadena, Tex.	5000 1000 500d	WRNB	New Bern, N.C.	1000 1000 1000	KSOM KIRV	Ontario, Cal. Fresno, Cal.	10000 500d	WPN0 WCTR	Norton, Kan. Many, La. Auburn, Maine Chestertown, Md.	1000d 1000d 250d
KAPE San Antonio, Tex. WAAN Waynesboro, Tenn. KONI Spanish Fork. Utah		WSVM	Salisbury, N.C. Valdese, N.C. Wilmington, N. C.	1000	WNLC	San Rafael, Calif. Littleton, Colo. New London, Conn.	1000d 1000d	WIRL	Chestertown, Md. Calhoun City, Miss. Yazoo City, Miss.	250d 250d
KONI Spanish Fork. Utah WCFR Springfield, Vt. WBBL Richmond, Va. WLEE Richmond, Va.	5000	KOVC	Hettinger, N.D. Valley City, N. Dak Chillicothe, Ohio Cleveland Hghts., O East Liverpool, Ohio	1000 1000	WIRC	Cocoa, Fla. Highland, III. Joliet, III.	250d 250d 500d	WTUN	l Poplarville, Miss. l Lapeer, Mich. Shakopee, Minn.	10000d 5000d 500d
WBLU Salem, Va, KOOD Lakewood Center, Wash.		WIMO	Cleveland Hghts., O East Liverpool, Ohio Marietta, Ohio	500 1000	WAYT	Macomb, III. Wabash, Ind.	1000d 250d 1000d	KPCR KMAM KECK	Shakopee, Minn. Bowling Green, Mo. I Butler, Mo. Lincoln, Nobr. Elizabeth, N.J.	1000d 500d 500d
KVAN Vancouver, Wash. WISM Madisen, Wis. KRAE Cheyenne, Wyo.	1000d 5000 1000d	WMRN	Marietta, Ohio Marietta, Ohio Marien, Ohio Guthrie, Okla, Muskogee, Okla.	0001 0001 0001	KANS	lowa Falls, lowa Larned, Kan. Port Sulphur. La.	P0001	WIDM	Elizabeth, N.J. / Chapel Hill, N.C. Wanchese, N.C.	500d
1490—201.2		KRKK	Baker, Oreg. Roseburg, Oreg. Salom, Oreg.	1000	WMEX WJC0 WLKM	Boston, Mass. Jackson, Mich. Three Rivers, Mich.	50000 5000d 500	WCKY	Cincinnati, Ohio Wagoner, Okla. North East, Pa.	50000 250d
WANA Anniston, Ala.	1000	WESB	Bradford, Pa. Hazteton, Pa.	1000 1000 1000	WKPU	Prentiss, Miss. Independence, Mo. Marshfield Mo.	1000d 1000d 250d	WMRT	Shenandoah, Pa. Utuado, P.R. Shartanburg, S.C.	P0001
WAJF Decatur, Ala. WRLD Lanett, Ala. WHBB Selma, Ala. KCUZ Clifton, Ariz.	1000 1000 1000	WGAL	Lancaster, Pa.	0001 0001 0001			500d 10000	WASC KGTN KGRT	Spartanburg, S.C. Georgetown Tex. Harlingen, Tex.	1000d 1000d 50000
KALD Tuccon Ariz	1000 1000 250		Levittown, Pa. Lewiston, Pa. V Meadville, Pa.	0001 0001 0001	WPUT	Dover, N.J. Salem, N.J. Brewster, N. Y. Greensboro, N.C. Red Springs, N.C.	250d 1000d 1000d	KURO	New Boston, Tex.	1000d 5000d
KXAR Hope, Ark. KDRS Paragould, Ark. KOTN Pine Bluff, Ark.	1000	WSIB WGCD	Wellsboro, Pa. Beaufort, S.C. Chester, S.C. B Greenville, S.C. Mitchell, S.Dak.	500 1000			5000d 500d	WQVA KCGO	Collinsville, Va. Quantico, Va. Cheyenne, Wyo.	250d 10000
		KORN	B Greenville, S.C. Mitchell, S.Dak. Bristol, Tenn.	1000 1000 1000	WAHT	Norwalk, Ohio Sallisaw, Okla. Annville-Cleona, Pa.	1000d	1540	—19 5.0	
KWAC Bakersfield, Calif. KPAS Banning, Calif. KICO Calexico, Calif. KRKC King City. Calif.	250 1000 1000	WROL	Bristol, Tenn. Chattanooga, Tenn. Knoxville, Tenn. Lewisburg, Tenn. Lexington, Tenn. Austin. Tex. Beeville, Tex. Blig Spring, Tex. Borger, Tex. Borger, Tex. Del Rio. Tex. Huntsville, Tex. Laredo, Tex. Littlefield, Tex. Littlefield, Tex.	0001 0001 0001	WVAP	Monroeville, Penn. Burnettown, S.C. Woodruff, S.C.	500d 10^0d	wcox	Camden, Ala. Lineville, Ala.	1000d
KRKC King City, Calif. KTOB Petaluma, Calif. KBLF Red Bluff, Calif.	1000	WDXL	Lexington, Tenn. Austin, Tex.	1000	KCTX	Childress Tex	50000 250d 500d	KZRK	Ozark, Ark. Phoenix, Ariz.	500d 10000d
KDB Santa Barbara, Calif. KOWL So. Lake Tahoe, Ca KSYC Yreka, Calif.	1. 250 1000	KBST	Big Spring, Tex. Borger, Tex.	250 1000 1000	K M O O	Midland, Tex. Mineola, Tex. Port Arthur, Tex. Robstown, Tex.	250d 1000d 500d	WIGA	Hollister, Cal. Los Angeles, Calif. Jackson, Ga.	
KBUL Boulder, Colo. KGUC Gunnison, Colo. KEDI Manitou Springs Co	250 lo. 500	KNEL	Brady, Tex. Del Rio, Tex. Huntsville, Tex.	0001 0001 0001	KSTV	Stephenville, Tex, Mountlake Terrace,	250d	WOGA	Sylvester, Ga. Litchfield, III. Boonville, Ind.	1000d 1000d 250d
WGCH Greenwich, Conn. WTRL Bradenton, Fla. WETO De Land, Fla. WCOF Immokalee, Fla.	1000	KZZN KPLT	Laredo, Tex. Littlefield, Tex.	0001	KGA S WAUK	Spokane, Wash.	50000 5000d			250d 250d 250d 250d
WCOF Immokalee, Fla. WMBM Miami Beach, Fla. WSRA Milton Fla	1000 1000 1000	KDOK	Tyler, Tex. Vernon, Tex.	1000 1000 1000	1520-	-197.4		KNEX	Martinsville, Ind. Waterloo, Iowa McPherson, Kans. Parsons, Kans.	50000 250d 250d
WMBM Miami Beach, Fla. WSRA Milton, Fla. WPXE Starke, Fla. WTTB Vero Beach, Fla.	1000 1000 500	WKVT	Littlefield, Tex. Paris. Tex. Tyler, Tex. Vernon. Tex. Oden, Utah Brattleboro, Vt. Middlebury. Vt. Newport. Vt. Culpeper, Va. Hampton, Va. Waynesboro, Va.	1000	WAOA	Opelika, Ala. Port Hueneme, Cal.	5000d 50000	MKCB	Hinuman, Ky.	1000d
WSIR Winter Haven, Fla. WMOG Brunswick, Ga. WMJM Cordele, Ga. WMRE Monroe, Ga.	1000	WCVA	Culpeper, Va. Hampton, Va.	1000 1000 1000	WIXX	Apopka, Fla. Fort Lauderdale, Fla. Indian Rocks Beach	1000d	WDON	Wheaton, Md. Greenwood, Miss.	500d 1000d 1000d
WSFB Quitman, Ga. WSNT Sandersville, Ga,	1000 250 500	KBRO KVAC	Waynesboro, Va. Bremerton, Wash. Forks, Wash.	1000 1000 1000		Fla.	10000	W K X R W P T R	Columbia, La. Gretna, La. Wheaton, Md. Greenwood, Miss. Kennett, Mo. Exoter, N.H. Albany, N.Y. E. Syracuse, N.Y. Burnsville, N.C. Charlette, N.C.	1000d 1000d 50000
WSYL Sylvania, Ga. KCID Caldwell, Idaho WKRO Cairo, III.	1000 1000 250	KLOG KENE	Kelso, Wash. Toppenish, Wash. Walla Walla Wash	1000 1000 1000	WDGL	Douglasville, Ga. Garden City, Ga.	1000d	WEAN	E. Syracuse, N.Y. Burnsville, N.C.	1000d 1000d
WSFB Quitman, Ga. WSNT Sandersville, Ga, WSNL Sylvania, Ga. KCID Caliwell, Idaho WKRO Cairo, III. WDAN Danville, III. WAMV East St. Louis, III. WOPA Oak Park, III. WZOE Princeton, III. WZOE Princeton, III. WKBV Richmond, Ind. KBUR Burlington, Iowa WDBQ Dubuque, Iowa KBAB Indianola, la. KRIB Mason City, ta.	1000	WXIT	Charleston, W.Va. Fairmont, W.Va.	0001	WLUV	Oakland Park, Fla. Eatonton, Ga. Douglasville, Ga. Garden City, Ga. Clinton, III. Loves Park, III. Knox, Ind. Shelbyville, Ind.		WIFM	Charlotte, N.C. Elkins, N.C. Bucyrus, Ohio	1000d 500d 1000d
WZOE Princeton, III. WKBV Richmond, Ind.	1000	WSGB	Sutton, W.Va. Beloit, Wis.	000 1000 1000	KSIB	Shelbyville, Ind. Creston, Iowa Hardinsburg, Ky. Stanford, Ky. Lafayette, La. Bel Air, Md. Brunswick, Md. Muskegon Hts., Mic	1000d 250d	WNIO WBTC	Cleveland, Ohio Niles, Ohio Uhrichsville, O. Philadelphia, Pa.	500d 250d
KBUR Burlington, lowa WDBQ Dubuque, lowa	1000	WIGM	Medford, Wis. Oshkosh, Wis.	1000	WRSL KXKW WV0B	Stanford, Ky. Lafayette, La. Bel Air, Md.	500d 10000 250d	11 1 3	Tittston, ra.	50000d 1000d 5000d
	1000 1000	KEME	Laramie, Wyo. Thermopolis, Wyo. Torrington, Wyo.	500 250 1000	WTRI	Brunswick, Md. Muskegon Hts., Mic	500d	WADK	Newport, R.I. Hohenwald, Tenn.	1000d 500d
KTOP Topeka, Kan, WFKY Frankfort, Ky, WKAY Glasgow, Ky, WOMI Owensboro, Ky,	1000		—199.9	1000	WYNZ	Ypsilanti, Mich.	250d 10000d	KBUY	Punxsutawney, Pa. Newport, R.I. Hohenwald, Tenn. Woodhury, Tenn. Ft. Worth, Tex, Galveston, Tex. San Antonio, Tex. Richmond, Va. Bellevue, Wash. Hartford, Wis.	50000d 1000
WOMI Owensboro, Ky. WSIP Paintsville, Ky.	0001 0001 0001	WVSM	Rainsville, Ala.	1000d			250d 5000	WRGM	Richmond, Va. Bellevue, Wash.	10000d 1000
WIKC Bogalusa, La. KEUN Eunice, La. KJIN Houma, La.	1000 1000 1000	KGMR	Jacksonville, Ark.	1000d 10000	KAMZ	Ocean City-Somers Pt. N. J. Albuquerque, N. M. Buffalo, N.Y. Mineola, N.Y.	1000d 500d 50000		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	500d
KRUS Ruston, La. WPOR Portland, Maine WTVL Waterville, Maine	1000	WFIF WTOP WKIZ	San Jose, Cal. Milford, Conn. Washington, D.C. Key West, Fla. New Port Richey, Fla.	5000d 50000	WTHE	Mineola, N.Y. Mocksville, N.C. Warrenter, N.C.	1000d 5000d		—193.5	5000d
WARK Hagerstown, Md. WHAV Haverhill, Mass.	1000	WGUL	New Port Richey, Fl. Donalsonville, Ga. Macon, Ga.	1000d	KMAV	Mayville, N.D. Bryan, Ohio	250d 500d	KUAT	Huntsville, Ala. Mobile, Ala. Tueson, Ariz. Fresno, Calif.	50000d 50000d
WOMI Owensboro, Ky, WSIP Paintsville, Ky, WIKC Bogalusa, La. KEUN Eunice, La, KJIN Houma, La. KRUS Ruston, La. WPOR Portland, Maine WTVL Waterville, Maine WARK Hagerstown, Md, WHAV Havorhill, Mass. WMRC Milford, Mass. WTXL W Springfield, Mas WABJ Adrian, Mich. WION Midland, Mich.	s. 1000 1000	KUMU	Macon, Ga. Honolulu, Hawaii Vandalia, III. Zion, III. Indianapolis, Ind.	5000 250	WKNT WTT0	Mineola, N.Y. Mocksville, N.C. Warrenton, N.C. Mayville, N.D. Bryan, Ohio Canton, O. Kent, O. Toledo, O. Okla. City, Okla, Oregon City, Ore.	1000d 1000d	KKHI	San Fran., Calif. Arvada, Colo. W. Hartford, Conn	500d 10000 1000d
WMDN Midland, Mich.	1000	WBRI	Indianapolis, Ind.	250d 5000d	KYXI	Oregon City, Okla, Oregon City, Ore,	50000	WEXT	W. Hartford, Conn Coral Gables, Fla.	10000d

WHITE'S	kHz Wave Length W.P.	kHz Wave Length W.P.	kHz Wave Length W.P.
	WCCP Clemson, S.C. WAGL Lancaster, S.C. 10000d	WJVA South Bend, Ind. 1000d WAMW Washington, Ind. 250d	KTIL Tillamoek, Ore. 5000 WZUM Carnegie, Pa. 1000d
RADIO	WWGM Nashville Tenn 10000d	KCHA Charles City, Iowa 500d	WCBG Chambersburg, Pa. 5000
	WBOL Bolivar, Tenn. 250d KCAD Abilene, Tex. 500d KEGG Daingerfield, Tex. 1000d	KWNT Davenport, Iowa 500d KDSN Denison, Iowa 500d	WEEZ Chester, Pa. 1000 WMim Mt, Carmel, Pa. 500d
[년(0)(대	KEGG Daingerfield, Tex. 1000d KHBR Hillsboro, Tex. 250d	WAXU Georgetown, Ky. 10000d WMTL Leitchfield, Ky. 250d WPKY Princeton, Ky. 250d	WMIM Mt, Carmel, Pa. 500d WXRF Guayama, P.R. 1000 WARV Warwick-E. Greenwich, R.I. 1000d
	KGUL Port Lavaca, Tex. 500d	WPKY Princeton, Ky. 250d	R.I. 1000d
	KGUL Port Lavaca, Tex. 500d KGHO Hoquiam, Wash. 1000d KDFL Sumner, Wash. 250d WFSP Kingwood, W.Va. 1000d	KLUV Haynesville, La. 1000	WABV Abbeville, S.C. 1000d WACA Camden, S.C. 1000d WPIP Collicrville, Tenn. 5000d WJSO Jonesboro, Tenn. 5000d
kHz Wave Length W.P.	WFSP Kingwood, W.Va. 1000d	WPGC Bradbury Hts., Md. 10000d	WPIP Collicrville, Tenn. 500d WJSO Jonesboro, Tenn. 5000d
WOGO New Smyrna Beach,	WFSP Kingwood, W.Va. 1000d WGLB Port Washington, Wis. 250d	KDOM Windom, Minn. 250d	WDBL Springfield, Tenn. 1000d
WYOU Tampa, Fla. Fla. 250d		WPGC Bradbury His., Md. 10000d WRBJ St. Johns, Mich. KDOM Windom, Minn. 2500d WAMY Amory, Miss. WLBS Centreville, Miss. 2500 WORV Hattlesburg, Miss. 1000d WESY Leland, Miss. 1000d	WDBL Springfield, Tenn. 1000d KGAS Carthage, Tox. 1000d KERC Eastland, Tex. 500d
WTHB Augusta, Ga. 5000d WYNX Smyrna, Ga. 10000	1570—191.1	WORV Hattiesburg, Miss.	KINT El Paso, Tex. 1000d KYOK Houston, Tex. 5000
WIIL Jacksonville, III. 1000d	WCRL Onconta, Ala, 1000d	WPMP Pascagoula-Moss	KCBD Lubbock, Tex. 1000
WCSJ Morris, III. 250d WPDF Corydon, Ind. 250d		Point, Mississippi 1000d KTGR Columbia, Mo. 250d	KBUS Mexia, Tex 500d KIKN Sinton, Tex, 1000
WCVL Crawfordsville, Ind. 250	KDIT Farshing Ask 250d	KESM El Dorado Springs, Mo. 500d	WGDE Richmond, Va. 5000d KUUU Seattle, Wash. 5000
WKQV Sullivan, Ind. 250d	KCVR Lodf, Cal. KACE Riverside, Cal. KASA Salinas, Cal. KLOV Loveland. Colo. WTWB Auburndale, Fla. WFBF Fernandina Bch., Fla.		WIXK New Richmond, Wis. 5000d
KIWA Sheldon, lowa 500d KEDD Dodge City, Kans. 1000d	KRSA Salinas, Čal. 250d KLOV Loveland, Colo. 1000d	KAMI Cozad, Neb. 1000d WNJH Hammonton, N.J. 1000d	WIXK New Richmond, Wis. 5000d WSWW Platteville, Wis. 1000 WQTC Two Rivers, Wis. 1000d
KNIC Winfield, Kan. 250d WIRV Irvine, Ky. 1000d	WTWB Auburndale, Fla 5000d	WCRV Washington, N.J. 1000d	WAWA West Allis, Wis. 1000d
WMSK Morganfield, Ky. 250d	WFBF Fernandina Beh., Fla.	WPAC Patchogue, N.Y. 10000d	1600-187.5
KUKA SIIreyegort, La. 10000	WOKC Okeechobee, Fla. 1000d	WPAC Patchogue, N.M. 10000d WPAC Patchogue, N.Y. 10000d WZKY Albemarle, N.C. 250d WVKO Columbus, Ohio 1000d KLTR Blackwell, Okla. 10000d KZYX Weatherford Okla 10000d	
	WGHC Clayton, Ga. 1000d	KLTR Blackwell, Okla. 1000d KZYX Weatherford, Okla. 1000d	WEUP Huntsville, Ala. 5000d WAPX Montgomery, Ala. 1000
WNTN Newton, Mass. 10000d WSHN Fremont, Mich. 1000d WOKJ Jackson, Miss. 50000	WSSA College Park, Ga. 5000d WGSR Millen, Ga. 250d	KZYX Weatherford, Okla. 1000d WHEX Columbia, Pa. 500d	KVIO Cottonwood, Ariz. 1000d
	WOKZ Alton, III. 1000d WFRL Freeport, III. 5000	WEND Ebensburg, Pa. 1000d WANB Waynesburg, Pa. 250d	KXEW Tucson, Ariz. 1000 KGST Fresno, Cal. 5000d
KGMO Cape Girardeau, Mo. 5000d	WBEE Harvey, III. 1000d	WORG Orangeburg, S.C. 1000d	KWOW Pomona, Cal. 5000 KZON Santa Maria, Cal. 500d
KKJO St. Joseph. Mo. 5000 KICS Hastings, Neb. 500d KOBY Reno, Nev. 10000d	WIFF Auburn, Ind. 500d	WANB Waynesburg, Pa. 250d WORG Orangeburg, S.C. 1000d WBBR Travelers Rest, S.C. 1000d WSKT Colonial Village.	WAPX Montgomery, Ala. KV10 Cottonwood, Ar12. KXEW Tueson, Ar12. KGST Fresno, Cal. KW0W Pomona, Cal. KZON Santa Maria, Cal. KUBR Yuba City, Calif. S000 KUBR Yuba City, Calif. S000 WJNJA Atlantic Beach, Fla.
KOBY Reno, Nev. 10000dd WCGR Canandaigua, N.Y. 250d		WHHM Henderson, Tenn. 250d WHHM Henderson, Tenn. 250d	WKEN Dover, Del. 500d
WCGR Canandaigua, N.Y. 250d WBAZ Kingston. N.Y. 500d WBVM Utica, N.Y. 1000 WPXY Greenville, N.C. 1000d	KMCD Fairfield, lowa 250d	WLIJ Shelbyville, Tenn. 1000d WSKT Knoxville, Tenn. 5000d	WJNJ Atlantic Beach, Fla. 1000 WKWF Key West, Fla. 500
WPXY Greenville, N.C. 1000d	KJFJ Webster City, Iowa 250d KNDY Marysville, Kans. 250d	KKAL Denver City, Tex. 250d	WXVI Riviera Beach, Fla. 1000
WYNA Raleigh, N.C. 1000d WTYN Tryon, N.C. 1000d WFCM Winston-Salem, N.C.	WKKS Vanceburg, Ky. 250d WABL Amite, La. 500d	WLIJ Shelbyville, Tenn. 1000d WSKT Knoxville, Tenn. 5000d KKAL Denver City, Tex. 250d KGAF Gainesville, Tex. 250d KIRT Mission. Tex. 1000d KTLU Rusk. Tex. 500d WED. 1000d KTLU Rusk. 1000d KTLU Rusk. 1000d 10000d 1000d 1000d 1000d 1000	WPRV Wauchula, Fla. 500d WOKB Winter Garden, Fla. 5000d
WFCM Winston-Salem, N.C.	KLLA Leesville, La. 1000d	KTLU Rusk, Tex. 500d KWED Sequin, Tex. 1000d	WACX Austell, Ga. 1000d
KOWB Fargo, N.D. 5000d	KMAR Winnsboro, La, 1000d WTOW Towson, Md. 5000d	KBYP Shamrock, Tex. 250d	WNGA Nashville, Ga. 1000d WRBN Warner Robins, Ga. 1000d
WDLR Delaware, Ohio 500d KMAD Madill, Okla. 250d KREK Sapulpa, Okla, 500d	WPEP Taunton, Mass. 1000d	KBGO Waco, Tex. 1000 WILA Danville, Va. 1000d	WCGO Chicago Hgts., 131. 1000d
KREK Sapulpa, Okla, 500d WLOA Braddock, Pa, 1000d	WDEW Westileid, mass. 1000d	WPUV Pulaski, Va. 5000d	WMCW Harvard, III. 500d WBTO Linton, Ind. 500d
WIIC Towanda, Pa. 500d	WELLS Grand Banids.	WTTN Watertown, Wis. 1000d	WARU Peru, Ind. 1000d
WKFE Yauco, P.R. 250 WBSC Bennetsville, S.C. 10000		1590—188.7	KLGA Algona, Iowa 5000d KCRG Cedar Rapids, Iowa 5000
KCAN Canyon, Tex. 1000d KWBC Navasota, Tex. 250d	KUXL Golden Valley, Minn, 1000d WHII Bay Springs, Miss. WONA Winona, Miss. 1000d KLEX Lexington, Mo. 250d		KMDO Ft. Scott. Kans. 500d
WKYE Bristol, Tenn. 1000d	KLEX Lexington, Mo. 250d	WVNA Tuscumbia, Ala. 5000 l	WSTL Eminence, Ky. 500d WLLS Hartford, Ky.
WPIO Daisy, Tenn. 250d WPIO Daisy, Tenn. 250d	WKOL Amsterdam, N.Y. 1000d WFLR Dundee, N.Y. 1000d WBUZ Fredonia, N.Y. 250d WTKO Ithaca, N.Y. 1000d	KVSL Show Low, Ariz.	KFNV Ferriday, La. 1000d
WTBP Parsons, Tenn. 500d KCOM Comanche, Tex. 250d	WBUZ Fredonia, N.Y. 250d WTKO Ithaca, N.Y. 1000	KPBA Pine Bluff, Ark. 1000d KSPR Springdale, Ark. 500d	KLEB Golden Meadow, La. 1000d KNCB Vivian, La. 5000d
KRGO Salt Laka City IItah		KXEM McFarland, Calif. KLIV San Jose, Cal. 5000	WINX Bockville, Md. 1000
WKBA Vinton, Va. 10000d WVAB Virginia Bch., Va. 5000d WXVA Charles Town, W.Va. 5000d KOOT Bellingham Web. 1000d	WNCA Siler City, N.C. 1000d	KUDU Ventura, Cal. 5000	WUNR Brookline, Mass. 5000 WTYM East Longmeadow.
WVAB Virginia Bch., Va. 5000d WXVA Charles Town.	WOBL Oberlin, Ohio 250d WPTW Piqua, Ohio 250d	KCIN Victorville, Calif. 500d WTBY Waterbury, Conn. 5000 WOWY Clewiston, Fla. 500d	Mass, 5000d
KOQT Bellingham, Wash. 1000d	WTCL Warren, Ohio	WOWY Clewiston, Fla. 500d	WAAM Ann Arbor, Mich. 5000 WTRU Muskegon, Mich. 5000
KGAR Vancouver, Wash. 1000d	KTAT Frederick, Okla. 250d KOLS Pryor, Okla. 1000d	WILZ St. Petersburg Beach,	KLLR Walker, Minn.
WMAD Madison, Wis. 5000d	KOLS Pryor, Okla. 1000d KOHU Hermiston, Oreg. 1000d WPGM Danville, Penn. 1000d WRUX Doylestown, Pa. 5000d	WELE S. Daytona, Fla. 10°0d	WKDL Clarksdale, Miss. 1000d WFFF Columbia, Miss. 500d
WEVR River Falls, Wis, 1000d	WRUX Doylestown, Pa, 5000d WQTW Latrobe, Pa, 1000d	WALG Albany, Ga. 5000 WLFA Lafayette, Ga. 5000d	KATZ St. Louis, Mo. 5000
1560-192.3	WFGN Gaffney, S.C. 250d	WTGA Thomaston, Ga, 500d	KNCY Nebraska City, Nebr. 500d
W400 0	WIES Johnston, S.C. 250d	WTGA Thomaston, Ga. 500d WNMP Evanston, III. 1000d WAIK Galesburg, III. 5000d	KRFS Superior, Nebr. 500d
WAGC Centre, Ala, 1000d KDDA Dumas, Ark,	WHIP Centerville, Tenn. 1000d	WGEE Indianapolis, Ind. 5000d	WMCR Oneida, N.Y. 1000d
KDMC Pokerefield Ochic	WCLE Cleveland, Tenn. 1000d	WPCO Mt. Vernon, Ind. 500d	WLNG San Harbor N Y 500d
KIQS Willows, Calif. 250d	KZOL Farwen, Tex. 250d	KVGB Great Bend, Kans. 5000	WGIV Charlotte, N.C. 1000
WYSE Inverness, Fla. 1000d	KVLG La Grange, Tex. 250d KTER Terrell, Tex. 250d	WLBN Lebanon, Ky. 1000d KLSU White Castle, La. 1000d	WIDU Favetteville, N.C. 1000d WHVL Hendersonville, N.C. 1000d
WKOG Gordon, Ga. 5000d WBYS Canton, III. 250d WSHY Shelbyville, III. 500d	WSWV Pennington Gap, Va. 1000d	WISZ Glen Burnie, Md. 500	WFRC Reidsville, N.C. 1000
WSHY Shelbyville, III. 500d	WAPL Appleton, Wis. 1000d	WETT Ocean City, Md. 1000 WTVB Coldwater, Mich. 5000	WKSK W. Jefferson, N.C. 1000d KDAK Carrington, N.Dak. 500d
WVAK Paoli, Ind. 250d WRIN Rensselaer, Ind. 1000d		WGRY Grayling, Mich.	WAQI Ashtabula, Qhio 1000d
KRCB Council Bluffs, Iowa 1000d	1580189.2	WSMA Marine City, Mich. 1000d KRAD E. Grand Forks.	WBLY Springfield, Ohio 1000d
WKDO Liberty, Ky. 250d	WEYY Talladega, Ala. 1000d	Minn. 1000d	WTTF Tiffin. Ohio 500d KUSH Cushing, Okla. 1000d
WAFI Middleboro, Ky. 1000d WDXR_Paducah, Ky. 10000	KTHE Tempe Ariz 50000d	WWUN Jackson, Miss. 5000 KDEX Dexter, Mo. 1000d	KASH Eugene, Oreg. 5000
WKDO Liberty, Ky, 250i WKDO Liberty, Ky, 250i WAFI Middleboro, Ky, 1000d WDXR Paducah, Ky, 1000d KAJN Crowley, La, 1000d WBGS Sideli, La, 1000d WTPS Portage, Mich, 1000d WTPS Portage, Mich, 1000d WMIC Sandusky, Mich, 1000d KBEW Blue Earth Minn 1000d	KEDE Van Buren, Ark. 1000d	KPRS Kansas City, Mo, 1000d	WHOL Allentown, Pa. 500d
WSMD La Plata, Md. 1000d	KWIP Merced, Cal. 1000d KDAY Santa Monica, Cal. 50000	KCLU Rolla, Mo. 1000d KCTH Wayne, Neb. 500d	WPDC Elizabethtown, Pa. 500 WLUZ Bayamou, P.R. 1000
WTPS Portage, Mich. 1000d WMIC Sandusky, Mich. 1000d	KPIK Colorado Sprgs., Colo. 5000d	WSMN Nashua, N.H. 5000	WFIS Fountain Inn. S.C. 1000d
KBEW Blue Earth, Minn. 1000d KQYX Joplin, Mo. 250d	WCDE Fort Louderdale	WERA Plainfield, N.J. 500d WAUB Auburn, N.Y. 500d	WFNL No. Augusta, S.C. 500d
KQYX Joplin, Mo. 250d KLTI Macon, Mo. 250d KTUI Sullivan, Mo. 1000d WADD Brookington	WVGT Mount Dera, Fla. 5000d	WEHH Elmira Heights-	WKBJ Milan, Tenn. 1000d
WADD Brockport, N.Y. 1000d	WCCF Punta Gorda, Fla. 1000d	Horseheads, N.Y. 500d WGGO Salamanca, N.Y. 5000d	KBBB Borger, Tex. 5000d
WTRQ Warsaw, N.C. 12000d	WKIG Glenville, Ga. 1000d	WBHN Bryson City. N.C. 500d	KCFH Cuero, Tex. 500d
WBKC Chardon Obio 10004	WKIG Glenville, Ga. 1000d WKUN Monroe, Ga. 1000d WYYZ Jasper, Ga. 250d	WCSL Cherryville, N.C. 1000d WVOE Chadbourn, N.C. 1000d	KWEL Midland, Tex. 1000d KYAL McKinney, Tex. 5000d
WTNS Coshocton, Ohio 1000d WCNW Fairfield, O. 5000d	WKKD Aurora, III. 250d	WNOS High Point, N.C. 1000d	KOGI Orange, lex. 1000
WTOD Toledo. Ohio 5000d KWCO Chickasha, Okla. 1000	WDQN DuQuoin, III. 250d WBBA Pittsfield, III. 250d	WAKR Akron, Ohio 5000 WSRW Hillsboro, Ohio 500d	KBBC Centerville, Utah 1000d WCPK Chesapeake, Va. 1000d
KRBB Sallisaw, Okla, 250ml	WCCR Urbana, III. 250d	KHEN Henryetta, Okla. 500d	WHLL Wheeling, W.Va. 5000d
WRSJ Bayamon, P.R. 5000	WCNB Connersville, Ind. 250d	KWEY Weatherford, Okla. 1000d	
			CONFRESION TONG WORK

W.P. | kHz

kHz

Wave Length

Wave Length

W.P. | kHz

Wave Length

W.P.

United States AM Stations by Location

Location	C.L. kH	Location	C.L. kHz	Location	C.L. kH	Location	C.L. kHz
Abbeville, Ala. Abbeville, La. Abbeville, S.C. Aberdeen, Md., Aberdeen, S.Dak, Aberdeen, Wash.	WARI 148 KROF 96 WABV 159 WAMD 97 WMPA 124 KSDN 93 KABR 142 KBKW 145 KXRO 132	Amherst, N.Y. Amite, La. Amory, Miss. Amsterdam, N.Y. Anaconda, Mont. Anacortes, Wash. Anadarko, OK	CKDH 1400 WUFO 1080 WABL 1570 WAMY 1580 WKOL 1570 WCSS 1490 KANA 580 KAGT 1340 KRPT 850	Atlanta, Tex, Atlanta, Tex, Atlantic, Iowa Atlantic Beach, Atlantic City, N. Atmore, Ala, Atoka, Okla.	la, WJNJ 160 J. WFPG 145 WLDB 149 WMID 134 WATM 159	0 Battle Creek, Mi 0 Baxley, Ga. 0 Bayard, N.M. 0 Bay City, Mich.	WKFR 1400 WVOC 1500 WUFE 1260 KNFT 950 WBCM 1440 WXOX 1250
Abilene, Tex. Abilene. Kans. Ahingdon. Va. Ada, Okla. Adel, Ga. Adrian, Mich. Agana, Guam Aguadila, P.R.	KRBC 147/ KCAD 1560 KNIT 1281 KWKC 1340 KABI 1560 WBBI 1230 KADA 1230 WBIT 1470 WABJ 1490 KNAH 611 WABA 850	Anaheim, Calif. Anehorage, Alaska Andalusia Ala. Anderson Ind. Anderson, S.C.	KFDQ 750 KENI 550 KHAR 590 KYAK 650 WCTA 920 WAAO 1530 WHUT 1470 WHBU 1240	Attleboro, Mass. Auburn, Ala. Auburn, Calif. Auburn, Ind. Auburn, Me. Auburn, N.Y. Auburn, Wash. Auburndale, Fla. Auburndale, Wis.	KEOR 111 WARA 123 WAUD 123 KAHI 95 WIFF 157 WPNO 153 WMBO 134 WAUB 159 KASY 122 WTWB 157 WLBL 93	Bay Minette, Ali Bayamon, P.R. Bayard, N.M. Bay Springs, Mis Baytown, Tex. Beacon, N.Y. Beardstown, III. Beatrice, Nebr. Beaufort, N.C.	WRSJ 1560 KNFT 950 KNFT 950 KWBA 1360 WBNR 1260 WRMS 790 KWBE 1450 WBMA 1400
Ahoskie, N.C. Aiken, S.C. Ainsworth, Neb. Aitkin, Miram. Akron, Ohis	WGRF 134(WRCS 97(WAKN 99(WLAW 1300 KBRB 144(KKIN 93(WAKR 159(WSLR 1350 WGUE 1156 WHLO 664(KALG 123)	Andrews. Texas Annapolis, Md. Ann Arbor, Mich. Anna, III. Anniston, Ala.	WPAG 1050 WRAJ 1440 WANA 1490 WDNG 1450	Augusta, Ga. Augusta, Ark. Augusta, Maine Aurora, Colo.	WAUG 1051 WBIA 1231 KMCW 1199 WBBQ 1344 WBIA 1231 WGAC 5181 WRDW 1481 WTHB 1551 WRDO 1401 WFAU 1344 KOSI 1431	Beaumont, Tex. Beaver Dam, Wis Beaver Falls, Pa Beckley, W. Va.	WBVP 1230 WJLS 560 WC1R 1070 WWNR 620
Alamo Heights. Tex Alamosa Colo. Albany, Ga. Albany, Ky. Albany, Minn.	KINN 1270 KDRY 1110 KGIW 1450 WALG 1590 WJAZ 960 WLYB 1250 WGPC 1450 WJAZ 960 WJAZ 960	Annville-Cleona. P Anoka, Minn. Ansonia, Conn. Antigo, Wis. Apollo, Pal. Apopka, Pala. Apple Valley, Cal. Appleton, Wis.	WAHT 1510 KANO 1470 WADS 690 WATK 900 WATK 910 WTLN 1520 KAVR 960 WAPL 1570 WHBY 1230	Aurora, III. Aurora, Mo. Austell, Ga. Austin, Minn. Austin, Tex.	WMRO 128 WKKD 1581 KSWM 941 WACX 1601 KAUS 1481 KQAQ 971 KNOW 1491 KTAP 971 KTBC 596 KOKE 1371	Bedford, Pa. Bedford, Pa. Bedford, Va. Bedford, Va. Beeville, Tex. Bel Air, Md. Befen, N. Mex. Belfast, Me. Belgrade, Mont. Bellaire, Ohio Bellefontaine, O.	WBIW 1340 WBFD 1310 WBLT 1350 KIBL 1490 WVOB 1520 KARS 860 WBME 1230 KGVW 630 WOMP 1290 WTOO 1390
Albany, Minn. Albany, N.Y. Albany, Oreg. Albert Lea, Minn. Albert Lie, Ala.	KASM 1150 WABY 1406 WPTR 1540 WROW 590 KWIL 790 KRKT 990 WABZ 1010 WZKY 1580 KATU 650 WAV 650	Aquadilla, P. R. Arab, Ala, Arata, Calif. Ardmore, Okia, Ardmore Tenn, Arecibo, P.R. Argentia, Nfld.	WYNE 1150 WUNA 1380 WRAB 1380 KATA 1340 KVSO 1240 WSLV 1110 WCMN 1280 WMIA 1070 WNIK 1230 VOUS 1480 KVRC 1240	Ava, Mo, Avalon, Cal. Avondale Estates. Avon Park, FL Aztec, N. Mex. Babylon, N.Y. Bad Axe, Mich. Bainbridge, Ga.	KVET 130 KSOA 143 KBIG 740 Ga. WAVO 142: WAPR 1390 KHAP 1340 WBAB 1440 WGLI 1299 WLEW 1340 WMGR 931	Bell Fourche, S.D. Belle Glade, Fla. Belleville, Ont. Belleville, Ill. Belleville, Wash. Bellingham. Was	WSWN 900 CJBQ 800 W1BV 1260 KBVU 1540
Albion, Mich. Albuquerque, N.M.	WALM 1260 KABQ 1350 KDEF 1150 KGGM 610 KAMX 1520 KOB 770 KPAR 1190 KQEO 920 KRZY 1450 KDAZ 730	Arkadelphia, Ark. Arkan. City, Kans Arlington, Fla. Arlington, Va. Arroyo Grande, Ca Artesia, N.M. Artesia, N.M. Artesia, N.M. Aryada, Colo.	WEAM 1390 WAVA 780 WEAM 1390 dif. KOAG 1280 KSVP 990 KSVP 990 KQX1 1550	Baker, Mont. Baker, Oreg. Bakersfield, Calif	WAZA 136 KFLN 96 KBKR 149 KAFY 55 KBIS 97 KERN 141 KGEE 123 KUZZ 80 KLYD 135 KWAC 149	Beloit, Wis. Belton, S.C. Belton, Tex. Belzoni, Miss. Bemidji, Minn. Bend, Oreg. Bennetsville, S.C Bennington, Vt.	WGEZ 1490 WBEL 1380 WHPB 1390 KTON 940 WELZ 1460 KBUN 1450 KBND 11450 KGRL 940 S. WBSC 1550
Alcoa, Tenn. Alexander City, Ala Alexandria, La, Alexandria, Minn. Alexandria Va. Algona, Iowa	WRFS 1050 KALB 580 KDBS 1410 KSYL 970 KXRA 1490 WP1K 790	Ashburn. Ga. Asbury Park, N.J. Asbury Park-Eatol Asheboro, N.C. Asheville, N.C. Ashland, Ky.	WMES 1570 WJLK 1310 htown, N. J. WHTG 1410 WGWR 1260 WZ00 710 WISE 1310 WKKE 1380 WSKY 1230 WWNC 530 WWNC 530 WWNC 1340	Bellingham, Wash Baldwinsville, N. Ballinger, Tex. Baltimore, Md.	Y. WSEN 1051 KRUN 1401 WBAL 1091 WAYE 861 WBMD 75 WCAO 601 WCBM 681 WEBB 1361 WFBR 1361	Benson, N.C. Benton, Ark. Benton, Ky. Benton Harbor-S' Berea, KY Berkeley, Calif. Berkeley Springs.	WSWS 1500 KPAT 1400 W.Va. WCST 1010
Algona, lowa Alice, Tex. Alisal, Cal. Allendale, S.C. Allentown, Pa. Alliance, Nebr. Alliance, Ohio Alma, Ga.	KOPY 1070 KRSA 1570 WDOG 1460 WHOL 1600 WAEB 790 WKAP 1320 WSAN 1470 KCOW 1400 WFAH 1310	Ashland, Ohio Ashland, Oro, Ashland, Va. Ashland, Wis. Ashtabula, Ohio Aspen, Colo, Astoria, Oreg.	WTCR 1420 WNCO 1340 KWIN 580 KRVC 1350 WIVE 1430 WATW 1400 WAQI 1600 WREO 970 KSNO 1260 KAST 1370	Bamberg-Denmari Bangor, Maine Banning, Calif. Baraboo, Wis. Bardstown, Ky.	WITH 1230 WSID 1010 WWIN 1400 k, S.C. WWBD 791 WABI 911 WGUY 1255 WLBZ 620 KPAS 149 WB00 741 WB0T 132	Berlin, N.H. Berlin Wis. Berry Hill, Tenn. Berryville, Ark. Beswick, Pa. Bessemer, Ala. Bethel, Ark.	WBRL 1400 WISS 1090
Alma, Mich. Alpena Township. I Alpine, Tex, Altavista, Va. Alton. III. Altoona, Man. Altoona, Pa.	WFYC 1280 Mich, WATZ 1450 KVLF 1240 WKDE 1000 WOKZ 1570 CFAM 1290 WFBG 1290 WRTA 1241 WVAM 1450 KCNO 570 KWHW 1450	Atchinson, Kans, Athens, Ala, Athens, Ga.	KARE 1470 WKAC 1080 WGAU 1340 WDOL 1470 WKAC 1080 WRFC 960 KQXI 790 WATH 970 WATH 970	Barbourville, Ky. Barnesboro, Pa. Barnesville, Ga. Barnwell, S. C. Barre, Vt. Barstow, Calif. Bartlesville, Okla Bartow, Fla.	WYWY 95 WNCC 95 WBAF 109 WBAW 74 WSNO 145 KWTC 123 KIOT 131 KWON 140 WBAR 146 WPUL 113	Beverly, Mass. Biddeford. Maind Big Bear Lake. Co Big Oelta, Alask Big Lake. Tex. Big Rapids, Mie Big Sprg., Tex.	WMLO 1570 WIDE 1400 sal. KTOT 1050 a WXLL 980 KWGH 1290 h, WBRN 1460
Alturas, Calif. Altus, Okla. Alva, Okla. Amarille, Tex. Ambridge, Pa. Americus, Ga.	KWHW 145/ KALV 143/ KDJW 101/ KPUR 144/ KGNC 7/ KIXZ 94/ KRAY 136/ KZIP 136/ WMBA 145/ WDEC 129/	Athens, Tex. Athens, Tex. Atlanta, Ga.	WEAR 1390 KBUD 1410 WPLO 590 WIGO 1380 WERD 860 WGKA 1190 WGKA 1190 WGUN 1010	Bassett, Va. Bastrop, La. Batavia, N.Y. Batesburg, S.C. Batesville, Ark. Batesville, Miss. Bath, Maine Bath, N.Y. Baton Rouge, La.	WODY 90 KTRY 73 KVOB 134 WBTA 149 WBLR 143 KBTA 134 WBLE 129 WJTO 73	Billings, Mont.	WLOX 1490 WYM1 570 KBMY 1240 KGHL 790 KOOK 970 KOYN 910 KURL 730 WINR 680 WKOP 1360
Ames, Iowa Amherst, Mass.	WISK 1390 KASI 1430 WOI 640 WTTT 1430		WIIN 970 WQXI 790 WSB 750 WYZE 1480		WAIL 126 WLUX 155 WYNK 138 WIBR 130 WJBO 115	וט	WNBF 1290

FALL-WINTER, 1971

WHITE'S	Location	C.L.	kHz	Location	C.L.	kHz	Location	C.L.	kHz
	Bridgeport, Conn.	WICC	600	Canton, Ga.	WCHK	1290	Charlottesville, Va.	WCHV	1260
	Bridgetown, N.J.	WNAB	1450	Canton, III. Canton, Miss. Canton, N.C.	WBYS WMG0 WWIT	970	Chase City, Va.	WINA	1070
	Brigham City, Utah		800	Canton, O.	WHEC	920 1480	Chase City, Va. Chatham, Va. Chattahoochee, Fla.	WMEK	
	Brinkley, Ark. Bristol, Conn. Bristol, Tenn.	KBRI WBIS	1570 1440		WOIO WINW WNYN	1060 1520	Chattanooga, Tenn.	WSBP	1580 1450
Location C.L. kHz		WOPI	1490 1550	Canvon, Tex.	KCAN			WDEF	1370 1310
WAQY 1220	Bristol, Va.	WZAP	690 980	Cape Girardeau, Mo.	KZYM	1220		WGOW	1490 1150
WAQY 1220 WENN 1320 WATV 900	Brockton, Mass.	WBET	1560 1460	Carbondale, III.	WCIL WCDL	1550	Cheboygan, Mich. Cheektowaga, N.Y.	WCBY	1260 1240
WSGN 610 WYDE 850	Brockville, Ont.	CFJR	1410	Carbondale. Pa. Caribou, Maine Carlisle, Pa.	WFST	600 960	Chehalis-Centralia,	WNIA Wash, KITI	
Bisbee, Ariz. KSUN 1230 Bishop, Calif. KIBS 1230	Broken Bow, Nebr. Bronson, Mo. Brookfield, Conn.		1280 1220 940	Carisbad, N.Mex.	WIOO	1000	Chelan, Wash. Cheraw, S.C. Cherryville, N.C.	ドハフ!	1230 1420
Bishop, Calif. KIBS 1230 Bishopville, S.C. WAGS 1380 Bismarck, N.Dak. KFYR 550	Brookfield, Mo. Brookhayen, Miss.	KGHM	1470		KBAD	740 930	Cherryville, N.C.	WCSL	1590 1440
KBMR 1350 Bismarck Mandan, N. Dak.		WJMB KURY	910	Carmel, Calif. Carmi, III.	KRML Wroy	1410	Cherokee, Iowa Chesapeake, Va. Chester, III. Chester, Pa.	RSGM	1600 980
Black Mountain, N.C.	Brookings, Oreg. Brookings, S.Dak. Brookline, Mass.	WUNR	1430	Caro, Mich.	WKY0	1590 1360		WEEZ	740
WBMS 1350 WEGW 1010	Brookileal, va.	WWJB	1230 1450	Carrington, N.Dak.	WV0Z KDAK	1600	Chester, S.C. Choster, Va. Chestortown, Md. Cheyenne, Wyo.	WIKI	1490 1410
Black River Falls, Wis. WWIS 1260	Brownsville Pa	WASP	11300	Carrizo Springs, Tes Carroll, Iowa	KBEN	1450 1380	Cheyenne, Wyo.	WCTR KFBC KRAE	1240 1480
Blackfoot, Idaho KBLI 690 Blacksburg, Va. WKEX 1430 Blacksbear, Ga. WBSG 1350	Brownsville, Tex.	KBOR	1520 1600 1380	Carrollton, Ala.	WHAG	590	Chicago, 111.	KVWO WAIT WBBM	1370
Blackstone, Va. WKLV 1440	Brunswick, Ga.	KEAN	1240 1440	Carrollton, Mo. Carson City, Nev.	KAOL KPTL	1430		WILL	780 1000
Blackstory, Talano NBL 690 Blacksburg, Va. WKEX 1430 Blackstone, Va. WKSX 1350 Blackstone, Va. WKSX 1350 Blackstone, Va. KT R 1500 Blackstone, Va. KT R 1500 Blackstone, Ga. WBBK 1260 Blanding, Utah KUTA 790 Blanding, Utah KUTA 790 Blandington, III. WJBC 1230		W M O G W Y N R	1490 790		v K R W	1450 1270		WEDC	1240 1240
		WCME WTRI	900 1520	Carthage, III. Carthage, Mo. Carthage, Miss.	WCAZ KDM0	1490		WGN	720 950
Bloomington, Ind. WTTS 1370 Bloomsburg, Pa. WCNR 930	Bryan, Tex.	KORA	1520 1240	Carthage, Lenn.	₩ R K M	1080		MIND	1160 1160
WHLM 550 I		WBUC	1590 1460	Carthage, Tex. Caruthersville, Mo.	KCRV	1590 1370 1260		WLS WMAQ WMBI	890 670 1110
Blountstown, Fla. WICMIC 1000 Blue Earth, Minn. KBEW 1560 Bluefield, W.Va. WHIS 1440	Bueyrus, Ohio Buffalo, N.Y.	WBEN	930 1400	Casa Grande, Ariz. Casey, III. Casper, Wyo.	WKZI KTWO	800		WNUS	1390 1240
WKOY 1240 Blythe, Calif. KYOR 1450 Blytheville, Ark. KLCN 910 Boaz, Ala. WBSA 1300		WEBR	970 550		KVOC KATI	1230	Chicago Hgts., III.	WMPP	1470
Boaz, Ala. WBSA 1300 Boca Raton, Fla. WSBR 740	,	WKBW WWOL	1520	Cathedral City, Cali	f. KWXY	1340	Chickasha, Okla. Chico, Calif.	KWC0 KHSL	1560 1290
Bogalusa, La. WIKC 1490 WBOX 920	Buffalo, Wyo.	KBBS WDYX	1450 1460	Catskill, N.Y. Cayce, S.C. Cayey, P.R. Cedar City, Utah	WCKL	560 620	Chicopee, Mass.	WACE	730
Boise, Ida. KATN 950 KBO! 670	Burbank, Cal. Burgaw, N.C.	WPGF	1500 1470	Cedar City, Utah	WLEY KSUB KBRE	590 940	Chiefland, Fla. Childross, Tex. Chillicotho, Mo.	WLOH KCTX KCHI	1510
KGEM 1140 KIDO 630	Burbank, Cal. Burgaw, N.C. Burien, Wash. Burley, Idaho Burlington, Colo.	KOIN	800 1230	Cedar Falls, Iowa	KCFI	1250 1600	Chillicothe, Ohio	MRFX	1490
KSPD 790 KYME 740 Bolivar, Mo. KBLR 1130	Burlington, Towa	KNAB KBUR KKUZ	1490	Cedar Rapids, Iowa	KLWW WMT	1450	Chipley, Fla. Chippewa Falls, Wi Christiansburg, Va. Christiansted, V.I.	WBGC s.	1240
Bolivar, Tenn. WBOL 1560	Burlington, N.C.	WBBB	920	Cedartown, Ga.	WGAA	1360	Christiansburg, Va.	LLLW	1150 1260
Boone, Iowa KWBG 1590 Boone, N.C. WATA 1450	Burlington-Graham,	N.C. WBBB	920	Celina, Ohio Centor, Tex. Centerville, lowa	KDET	930	Church Hill Tenn	WMCH	970 [260
Boonville, Ind. WBNL 1540 Booneville, Miss. WBIP 1400 Boonville, Mo. KWRT 1370	Burlington, Vt.	MDOA	1400 1230	Centerymio, ina.	WHON	930 1560	Cincinnati, Ohio	WCKY	1450 1530 1480
BOODVILLE, N.Y. WBRV 900	Burnett, Tex.	WVMT KTSL WVAP	620 1340	Centerville, Tenn. Centerville, Utah		1570			550 700
Borger, Tex. ICHUZ 1490 KBBB 1600 Boston, Mass. WBZ 1030			1510	Central City, Kv.	WNES	1050		WIIRE	1360 1230
Boston, Mass. WBZ 1030 WCOP 1150 WILD 1090	Burnsville, N.C. Butler, Ala.	WKYK	1230 1540 1240	Centralia, III. Centralia & Chehali	WILY s. Wash	1210	Clanton, Ala.	WKLE	1050 980
WEZE 1260 WEEL 590	Butler, Ala. Butler, Mo. Butler, Pa.	KMAM WBUT	1530	Centro, Ala.	WAGC	1560	Claremont, N.H. Claremore, Okla.	KWPR	1230 1270
WHDH 850 WMEX (510		WISR	680 550	Centreville, Ala.	WEIS WBIB KLOC	990 1110 920	Clairon, Pa. Clarksburg, W. Va.	WROY	1300 1400 1340
WRKO 680 WRYT 950	Caho Rojo, P.R.	WEKO	1370 930	Centreville, Ala. Cores, Calif. Chadburn, N.C. Chadron, Nebr.	WVOE	1590	Clarksdale, Miss.	WPDX	750 1450
Boulder, Colo. KBOL 1490 Bowie, Tex. KBAN 1410 Bowling, Green, Ky. WKCT 930	Cadillac, Mich, Cadiz, Ky.	W W A M	1240 1370 1110	Gnambersourg, Pa.	WCHA	800 1590	Clarkston, WA	WKDL	1600 1430
WBGN 1340 WLR1 1410	Caguas, P.R.		1430	Chanute, Kan.	WDWS KKOY	1400 1460	Clarksville, Ark. Clarksville, Tenn.	KIYR	1360 1400
Bowling Green, Mo. KPCR 1530 Bowl, Green, Ohio WMGS 730	Cairo, III.		790	,	WENW	1530	Clarksville, Tex.		540 1350
Bozeman, Mont. KXXL 1450 KBMN 1230	Calais, Maine Caldwell, Idaho	WQDY KCI D	1230	Charleroi. Pa.	WESA	940	Claxton, Ga. Clayton, Ga. Clayton, Mo.	WGHC	1470 1570
Braddock, Pa. WLOA 1550	Calera, Ala.	KBGN WBYE	910	Charles City, Iowa Charleston, III. Charleston, Mo.	WEIC	1270	Clayton, N.Mex.	KFU0 KLMX	1320 850 1450
Braddocks Heights, Md. WMHI 1370	Calexico, Calif.	WEBS	1490	Charleston. S.C.	WCSC	1390	Clearfield, Pa. Clearwater, Fla.	WCPA	900 1340
Bradenton, Fla. WTRL 1490 WBRD 1420	Calhoun City, Miss. Camas, Wash, Cambridge, Md,	WJRL KVAN	[489		WPAL	730 1450	Clehurne, Tex.	WAZE	860 1120
Brady, Tex. KNEL 1490	Cambridge, Mass.	WCEM	740	Charleston, W.Va.	W T M A W C A W	1250 600	Clemson, S.C.	WWFI.	1560 1340 1350
Brainerd, Minn. KLIZ 1380 KVBR 1340	Cambridge, Ohio Camden, Ala. Camden, Ark.	WCAS WILE WCOX KAMD	1270 1540 910		WCHS	580 1490	Cleveland, Ga. Cleveland, Miss.	WRWH	1490
Brandon, Miss. WRKN 970 Branson, Mo. KBHM 1220 Brantford, Ont. CKPC 1380	Camden, N.J.	KIWH	1450 1310	Charles Tawns WV	WKAZ	950 1240	Cleveland, Ohio	WKYC	1410
Brattleboro, Vt. WTSA 1450		WTMR	809 1590	Charles Towns, WV Charlotte, Mich.	WXVA WCER WBT	1550		WDSK WKYC WIXY WERE WGAR WHK	1260 1300 1220
Brazil, IN WWCM (130)	Camden, Tenn.	WPUB WFWL	1130	Charlotte, N.C.	WAYS	610		WHK	1420 1540
Breckenridge, Minn. Wahpeton, N.D. KBMW 1450	Cameron, Mo. Cameron, Tex.	KMRN	1360		WGIV WKTC WSOC	0.031	Cleveland, Tenn.	WBAC	850 1340
Bremen Ga WWCC 1440	Camilla, Ga.	WCLR	1360 1220		WIST	1240	Cleveland, Tex.	KALE	1570 1410
Bremerton, Wash. KBRO 1490 Brenham, Tex. KWHI 1280 Brevard, N.C. WPNF 1240	Campbell, Ohio Campbellsville, Ky.	WHOT	1330		WAME	1480 1540	Cleve. Hghts., Ohio Clewiston, Fla. Clifton, Arlz.	MOMA	1490 1590
Brewster, N.Y. WPNF 1240 Brewster, N.Y. WPUT 1510 Brewsten, Ala. WEBJ 1240	Canadaigua, N.Y.	WCGR	1360 1550	Charlotto Amalie, V	wvwi	1000	Clifton, Arlz.	KCLF KCUZ WCFV	1400
Bridgeport, Ala. WBTS 1480	Canonsburg, Pa.	WARD	540 540		WSTA WBNB	1000	Clifton Forge, Va. Clincho, Va.	WOIC	1430
69							Canasana	- XX7 -	

Location	C.L.	kHz	Location	C.L.	ƙHz	Location	C.L.	kHz	Location	C.L.	kHz
Clinton, 111. Clinton, lowa Clinton, Mo. Clinton, N.C. Clinton, Okla, Clinton, S.C. Clinton, Tenn.	WPCC I WYSH I	1390 1340 1280 880 1320 1410	Corry, Pa. Corsicana, Tex. Cortez, Colo. Cortland, N.Y. Corvallis, Ore.	KUNO WOTR KAND KVFC WKRT KLOO KFLY KOAC WPDF	1370 1340 740 920	Deerfield, Va. Defiance, Ohio De Funiak Spring. De Kalb, III. De Land, Fla. Delano, Calif.	WABH WONW s, Fla. WGTX WZEP WLBK WETO WOOO KCHJ	1280 1280 1460 1360 1490 1310	Dyersburg, Tenn. Eagle Pass, Tex. Eagle River, Wis. Easley, S.C. E. Grand Forks, M	WSRC WSSB WTIK WDSG WTRO KEPS WERL WELP	1490 1310 1450 1330 1270 950
Cloquet, Minn, Clovis, N.Mex. Coachella, Calif, Coalinga, Cal, Coamo, P.R. Coatesville, Pa.	KCLV I KICA KWKA KCHV KOLI I WCPR I WCOJ I	1230 1240 980 680 970 1470 1450	Corydon, Ind. Coshocton, Ohio Cottage Grove, Ore. Cottenwood, Ariz. Coudersport, Pa. Council Bluffs, low. Courtenay, B.C.	WTNS KNND KVIO KVIO WFRM	1560 1400 1600 1600 600	Delaware, Ohio Delray, Bch., Fla. Del Rlo, Tex. Delta, Colo. Deming, N.M. Demopolis, Ala.	WDLE	1550 1420 1230 810 1490 1400 1230	Eastland. Tex. E. Lansing, Mich. E. Liverpool, Ohio East Longmeadow, Eastman, Ga.	KRAD KERC WKAR WVIC WOHI Mass. WTYM WUFF	870 730
Cochran, Ga. Cocoa Beach, Fla. Cocoa Beach, Fla. Cody, Wyo. Coeur d'Alene, Ida Coffeyville, Kans. Colby, Kans.	WEZY (WEZY (WWBC (WRKT (KOD) (KOD) (KOD) (KOD)	1440 1350 1350 1350 1510 1300 1400 1240 690 790	Covington, Ga. Covington, Ky. Covington, La. Covington, Tenn. Covington, Va. Cowan, Tenn. Covan, Tenn. Cozad, Neb. Craig, Colo.	WGFS WCLU WARB WKBL WKEY WZYX KAMI KRAI	1430 1320 730 1250 1340 1440 1580 550	Donham Sprgs., La Denison, Iowa Denison-Sherman, Denmark-Bamberg, Denton, Tex. Denver, Colo.	. WLBI KDSN Tex. KDSX S.C. WWBD KDNT	1530	E. Moline, II. E. Point, Ga. East Prairie, Mo. E. Syracuse, N.Y. Easton, Md. Easton, Pa.	WDLM WTJH KGCL WPAW WEMO WEEX WEST WCTM	960 1260 1080 1540 1460 1230 1400
Coldwater, Mioh. Coleman, Tex. Colfex, Wash. College Station, Te Collierville, Tenn. Collinsville, Va. Colonial Heights,	WTVB KSTA KCLX WTAW WPIP	1590 1008 1450 1150 1590 1530	Crawfordsville, Ind. Crescent City, Calif. Creston, Iowa Crestview, Fla.	WCVL KPLY KPOD KSIB WCNU	970 1550 1240 1310 1520 1010		KHOW KIMN KLIR KLZ KBTR KOA KPOF	1390 630 950 990 560 710 850 910	Eatonton, Ga. Eatontown, N.J. Eau Claire, Wis. Eau Gallie, FL Ebensburg, Pa. Eden, NC	WEND	790 1400 1050 1560 1580
Colorado City, Tex Colo. Sprgs., Colo.	KVMC KRDO KP!K KVOR KSSS KYSN	1290 1320 1240 1580 1300 740 1460 1530	Crewe, Va, Crockett, Tex. Crockston, Minn. Crossett, Ark. Crossville, Tenn. Crowley, La.	WJSB WSVS KIVY KROX KAGH WAEW WCSV KSIG	800 1290 1260 800 1330 1520 1450	Denver City, Tex. De Queen, Ark. DeRidder, La. DeSoto, Mo. Des Moines, Iowa	KTLK KKAL KDQN KDLA	1580 1390 1010 1190 1390	Edenton, N.C. Edinburg, Tex. Edmonds, Wash. Edna, Tex. Effingham, III. Elba, Ala. Elberton, Ga.	WCDJ KURV KGDN KWBY WCRA WELB WSGC	1260 710 630 1130 1090 1350 1480
Columbia, Ky. Columbia, La. Columbia, Miss. Columbia, Mo. Columbia, Pa. Columbia, S.C.	WAIN KCTO WCJU KFRU KTGR	1270 1540 1450 1400 1580 1580	Crozet, Va. Crystal Lake, III. Cuero, Tex. Cuilman, Ala. Cuipeper, Va. Cumherland, Ky. Cumberland, Md.	WPED WIVS KCFH WFMH WKUL WCVA WCPM	810 850 1600 1460 1340 1490	Detroit, Mich.	KSO KWKY WHO WCAR	1460 1150 1040 1130 1500	El Cajon, Calif. El Campo, Tex. El Centro, Calif. El Dorado, Ark. Eldorado, Kans. Eldorado Springs,	KDEO KULP KXO KAMP KDMS KELD KBTO	1390 1230 1430 1290 1400
Columbia, Tenn, Columbus Ga,	WOIC WNOK WQXL WMCP WKRM WDAK	540 l	Cumberland, Md. Cumming, GA Cushing, Okla. Cuthbert, Ga. Cuyahoga Falls, Ot	WCUM WUOK WTBO WSNE KUSH WCUG	1230 1270 1450 1170 1660	Detroit Lakes, Min	WWJ WXYZ	950 1270 1340	Eleele, Kanai, Hav Elgin, III. Elizaboth, N.J. Elizabeth City, N.	KESM Vaii KUAI WRMN WJDM	720 1410 1530
Columbus, Ind. Columbus, Miss.	WHYD WCLS WOKS WCSI WACR WCBI	1420 1270 1580 1340 1010 1050	Cypress Gardens, F Cynthiana, Ky. Dade City, Fla. Daingerfield, Tex.	WCUE la. WGTO WCYN WDCF KEGG	540 1400 1350	DeWitt, Ark. Dexter, Mo. Distoll, Tex. Diskinson, N.Dak, Dickson, Tenn, Dillon, Mont. Dillon, S.C. Dimmitt, Tex. Dinuba, Callf, Dixon, Ill. Dodge City, Kans.	KDEX	1590 1260 1230 1260 1490 800	Elizabethton, Tenn. Elizabethtown, Ky. Elizabethtown, N.C Elizabethtown, Pa.	WGAI	560 1240 1520 1400
Columbus, Nebr. Columbus, Ohio	KJSK KTTT WBNS WCOL WMNI WOSU WTVN	1400 900 1510 1460 1230 920 820 610	Daisy, TN Daihart, Tex, Dallas, Oreg. Dallas, Tex.	WPJD KXIT KROW KRLD KIXL KSKY KLIF WFAA WFAA	1460 1080 1040 660 1190	Dinuba, Calif, Dixon, III. Dodge City, Kans. Dodgoville, Wis. Donalsonville, Ga. Donaldsonville, La. Donolson, Tenn.	WDMP	1370 1370 1550 810 1500	Elk City, OK Elkhart, Ind. Elkins, N.C. Elkins, W.Va. Elko, Nov. Elkton, Md. Eltensburg, Wash. Eltenville, N.Y.	KADS WCMR WTRC WIFM WDNE KELK WSER KXLE	1240 1270 1340 1540 1240 1240 1550 1240
Colvillo, Wash, Commerce, Tex, Commerce, Ga, Concord, Calif, Concord, N.C. Concordia, Kans	KCVL KCOM WJJC KWUN WKXL WEGO	1270 1550 1270 1480 1450 1410	Dalton, Ga. Danbury, Conn. Danville, 111.	WRR WRCD WTTI WLAD WDAN	1480 1310 1230 1430 1530 800 1490	Doniphans, Mo. Dothan, Ala. Douglas, Ariz. Douglas, Ga.	WAGF WDIG WOOF KAWT KAPR WDMG	1500 1320 1450 560 1450 930 860	Elmira, N.Y. Elmira Heights- Horseheads, N.Y.	WEHH	1370 1410 1230
Concordia, Kans. Conneaut, Ohio Connellsville, Pa. Connersville, Ind. Conroe. Tex. Conway, Ark. Conway, N.H.	WWOW WCVI WCNB KMCO KCON KVEE WBNC	1360 1340 1580 900 1230 1330 1050	Danville, Ky. Danville, Pa. Danville, Va.	WITY WHIR WPGM WBTM WYPR WDVA WILA KCAB	980 1230 1570 1330 970 1250 1580	Douglas, Wyo. Douglasville, Ga. Dover, Del. Dover-Foxcraft, M Dover, N.H.	WOKA KWIV WDGL WDOV	1310 1050 1520 1410 1600	El Paso, Tex.	KROD KELP KHEY KINT KIZZ KSET KTSM KELR	920 690 1590 1150 1340 1380
Conway, S.C. Cookeville, Tenn, Coolidge, Ariz, Coos Bay, Oreg, Copper Hill, Ten	WPTN KCKY KOOS KYNG		Dardanelle, Ark. Darlington, S.C. Davenport, Iowa Dawson, Ga. Dayton, Ohio	WDAB WOO KWNT KSTT WDWD WHIO	1350 1420 1580 1170 990 1290	Dover, N.J. Dover, New Philade Dowagiae, Mich. Doylestown, Pa. Duhlin, Ga.	WRAN Ophia, 0 WJER WDOW WBUX WMLT	1510 1450 1440 1570 1330	Ely, Minn. Ely, Nev. Elyria. Ohio Eminence, Ky. Emporia, Kans. Emporia, Va. Emporium. Pa.	WELY KELY WEOL WSTL KVOE WEVA WLEM	1450 1230 930 1600 1400
Coquille, Oreg. Coral Gahles, Fla. Corbin, Ky. Cordele, Ga. Cordova, Alaska	WYCG WYGD WMJM KLAM	680 1330 1490	Dayton, Tenn. Daytona Beach, Fi	WNDB	980 1210 1280 1150 1450	Du Bola, Pa. Dubuque, Iowa Duluth, Minn.	WXLT WCED KDTH WDBQ KDAL WEBC KAOH	1370 1490 610 560 1390	Endicott, N.Y. Englewood, Colo, Englewood, Fla. Englewood, Tenn. Enid, Okla.	WENE KGMC WENG WENR KCRC KGWA WIRB	1430 1150 1530 1090 1390
Corinth, Miss. Cornelia, Ga. Corning, Ark. Corning, N.Y.	WCMA WKCU WCON KCCB WCBA WCLI WWLE	1230 1350 1450 1260 1350 1450	Deadwood, S.Dak. Dearborn, Mich. Decatur, Ala.	WROD KDSJ WKNR WHOS WAJF WMSL a. WGUN	1 980 1 1310 5 800 1490	Dumas, Ark. Dumas, Tex. Duncan, Okla. Dunedin, Fla. Dundee, N.Y. Dunnellon, Fla. Dunkirk, N.Y.	WWJC KDDA KDDD KRHD WCWR WFLR WTRS WDOE	1560 800 1350 1470 1570	Enterprise, Ala, Enterprise, Orcg, Ephrata, Pa, Ephrata, Wash, Erie, Pa,	WWYN WGSA KULF WWYN WJET WRIE WWGO	1340 1310 730 1260 1400
Cornwall, N.Y. Corona, Cal. Corpus Christi, T	KREL	1030 1150 1440	Decatur, III. Decatur, Ind. Decorah, Iowa Deer Lodge, Mont.	WDZ WSOY WADW KWLO KWLO	1050 1340 1540 1240 1240	Durin, N.C. Du Quoin, III. Durand, Wis. Durango, Colo. Durant, Okla. Durham, N.C.	WCKE WDQN WRDN KIUF KDGC KSFC WDNC	780 1580 1430 930 1240 750	Erwin, Tonn. Escanaha, Mich. Escondido, Calif. Espanola, N. M. Estes Park, Colo. Estherville, fa.	WEMB WDBC WLST KOWN KDCE KKEP KILR	680 680 600 1 1450 970 1 1470
The Western											69

WHITE	E'S	Location	C.L.	kHz	Location	C.L.	kHz	Location	C.L.	kHz
RAD		Floydada, Tex.	WYNN KFLD	540 900	Gainesville, Ga.	WGGA WDUN	550 1240	Great Falls, Mont.	KKGF KUDI	1310 1450
		Foley, Ala.	WHEP	1310	Gainesville, Tex.	KGAF	1130		KMON KARR	560 1400 1310
L(O)(G	Fordyce, Ark. Forest, MS	KBJT WMAG	1570 850	Galax, Va. Galesburg, III.	WBOB	1400	Greeley, Colo.	KFKA KYOU	1450
		Forest City, N.C.	WBB0 WAGY	1320	Gallatin, Tenn.	WAIK	1590	Green Bay, Wis.	WBAY	1360 1400
Location	C.L. kHz	Forks, Wash. Forrest City, Ark.	KXJK	950	Gallipolis, Ohio	WAMG	990	Greeneville, Tenn.	WNFL	1440 1340
Etowah, Tenn.	WCPH 1220	Ft. Atkinson, Wis. Ft. Bragg, Calif.	WFAW KDAC	940 1230	Gallup, N. Mex.	KGAK	1230	Greenfield, Mass.	WSMG	1450
Eufaula, Ala. Eugene, Ore.	WULA 1240 KEED 1450	Ft. Campbell, Ky. Ft. Collins, Colo.	KC0L		Galveston, Tex.	KILE KGBC CBG	1540	Greensboro, N.C.	WBIG WCOG WEAL	1470 1320 1510
	KASH 1600 KATR 1320	Ft. Dodge, lowa	KIIX KVFD KWMT	600 1400 540	Gander, Nfld. Garden City, Ga. Garden City, Kan.	WMNT	1520		WKTB WGBG	1550 1400
	KORE 1050 KERG 1280 KPNW 1120	Ft. Knox, Ky. Ft. Lauderdale, Fla	WSAC	1470 1400	Garden City, Main	KUPK	1050	Greensburg, Ind.	WPET	950 1330
Envisa Lo	KPNW 1120 KUGN 590 KEUN 1490	Pt. Laudeldale, Fla	WIXX	1520 1580	Gardiner, Me.	WIID		Greensburg, Pa. Greenville, Ala.	WTRE WHJB WGYV	620 1380
Eunice, La. Eureka, Calif.	KINS 980 KRED 1480	Ft. Madison, lowa	WAVS	1190	Gardner, Mass. Garner, N.C. Gary, Ind.	WGAW WKBQ	1340	Greenville, Mich. Greenville, Miss.	WPLB	1380 1330
Eustis, Fla. Evanston, III.	WLC0 1240 WEAW 1330	Ft. Madison, lowa Ft. Morgan, Colo. Ft. Myers, Fla.	KFTM	1400		WWCA WLTH WKQT	J270		WDDT	900 1260
Evanston, Wyo.	WNMP 1590 KEVA 1240		WMYR	1410 1350	Garyville, La. Gastonia, NC	WGNC	1450	Greenville, N.C.	WNCT	1070
Evansville, Ind.	WROZ 1400 WGBF 1280	Ft. Payne, Ala.	WFPA WZ0B	1400 1250	Gate City, Va. Gaylord, Mich.	WLTC WGAT WATC	1050	Greenville, Pa. Greenville, S.C.	WPXY WGRP WESC	940 660
F 4.41 . 111 .	WIKY 820 WJPS 1330	Ft. Pierce, Fla.	WARN WIRA KMOO	1330 1400 1600	Geneva, Ala.	WGEA	900 1150 1480	dittilli, 5.C.	WFBC	1330 1070
Eveleth, Minn. Everett, Pa. Everett, Wash.	WEVE 1340 WSKE 1050	Ft. Scott, Kans. Ft. Smith, Ark.	KFPW	1230 950	Geneva, III. Geneva, N.Y. Georgetown, Del.	WGVA	1240		WMRB	1490 1260
	KRKO 1380 KWYZ 1230 WBLO 1470		KTCS	f410	Georgetown, Ky. Georgetown, S.C.	WAXU	1580	Greenville, TX	WQOK KGVL	1440 1400
Evergreen, Ala. Excelsior Springs.	Mo. KEXS 1090	Ft. Stockton, Tex.	KFST WFPM	860 l		WINH	1470 1530	Greenwich, Conn. Greenwood, Miss.	WGCH WABG	960
Exeter, N.H. Fairbanks, Alaska	WKXR 1540 KFAR 860	Ft. Walton Beach,	Fia. WNUE	1400	Georgetown, Tex. Gettysburg, Pa. Gillette, Wyo. Gilroy, Cal.	WGET	1270		WERM	1240 1540
	KFRB 900 KIAK 970	Ft. Wayne, 1nd.	WFTW WGL	1260 1250	Glauewater, 1 cx.		1430	Greenwood, S.C.	WCRS	1450 1350
Fair Bluff, N.C, Fairbury, Nebr. Fairfax, Va.	WWK0 1480 KGMT 1310		WFWR WOW0	1090	Glasgow, Ky.	WKAY	1490	Greer, S.C. Grenada, Miss.	WEAB WCKI WNAG	800 1300 1400
Fairfield, III.	WEEL 1310 WF1W 1390	Et Wasth Tay	WLYV WKJG KJIM	1450 · 1380 870	Glasgow, Mont. Glen Burnie, Md.	KLTZ WISZ KRUX	1590	Gresham, Oreg. Gretna La	KRDR	1230
Fairfield, lowa Fairfield, O.	WCNW 1560 WABF 1220	Ft. Worth, Tex.	WBUY	1140	Glondale, Ariz. Glendale, Calif. Glendive, Mont.	KIEV	870	Gretna, Va. Gretna, Va. Griffin, Ga.	WMNA	730 730
Fairhope, Ala. Fairmont, Minn. Fairmont N.C.	KSUM 1370 WFMO 860		KNOK	97 0 5 7 0	Glennallen, Alaska	KGLE	590 790	Griffin, Ga.	WKEU	1450 1320
Fairmont, N.C. Fairmont, W.Va.	WMMN 920 WTCS 1490		WBAP KXOL	820 1360	Glens Falls, N.Y.	WBZA	1410	Grinnell, Jowa	WGRI	1410
Fairway, Kan. Fajardo, P.R.	KUDL 1380 WMDD 1480	Fortuna, Cal. Fosston, Minn.	KNCR KEHG	1480	Glenville, Ga. Glenwood Sprgs.,	WKIG Cole.	į.	Groton, Conn. Grove City, Pa.	WSUB	980 1340
Falfurrias, Tex. Fallon, Nev. Fall River, Mass.	KPS0 1260 KVLV 980	Fostoria, Ohio Fountain Inn. S.C.	WF0B WFIS	1600	Gloucester, Va.	KGLN WDDY	980 1420	Grundy, Va. Guayama, P.R. Gulfport, Miss.	WNRG WXRF WROA	940 1590
	WALE 1400 WSAR 1480	Fowler, Calif. Framingham, Mass.	WKOX	0.011	Gloversville, N.Y. Gold Beach, Oreg.	WENT KBLY WENT	1220	Gunnison, Colo.	WGCM	1390 1240 1490
Falls Church, Va. Falls City, Nebr.	WFAX 1220 KTNC 1230 WDAY 970	Frankfort, Ind. Frankfort, Ky. Franklin, Ky. Franklin, La.	WILO WFKY WFKN	1570 1490 1220	Golden Meadow, L	a. KLEB	!	Guntersville, Ala, Guthrie, Okla.	WGSV	1270
Fargo, N.Dak.	WDAY 970 KFGO 790 KFNW 900	Franklin, La.	KFRA WFCG	1390	Golden Valley, Mi		- 1	Guymon, Okla. Hackensack, N.J.	K G Y N W J R Z	1210 970
Faribault, Miss.	KOWB 1550 KDHL 920	Franklin, N.C. Franklin, N.H.	WFSC	1050	Goldsboro, N.C.	WFMC	1570 730	Hagerstown, Md.	WARK WJEJ KSKI	[490 [240
Farmersville, La. Farmington, Me.	KTDL 1470 WKTJ 1380	Franklin, Pa. Franklin, Tenn.	WFRA WAGG	950		WGBR	1300	Hailey, Idaho Haines City, Fla. Haleyville. Ala.	WHAN	930
Farmington, Mo. Farmington, N.M.	KREI 800 KENN 1390 KWYK 960	Franklin, Va.	WYSR	1250	Gonzales. Texas Goodland, Kans.	KCTI	730	Halfway, Md. Hamden, Conn.	WHAG	1230 1410
Formuille N.C.	KRZE 1280	Franklinton, La. Frederick, Md. Frederick, Okla.	WFCG WFMD KTAT	930	Gordon, Ga. Goshen, Ind.	WKOG	1460	Hamilton, Ala. Hamilton, Mont.	WERH	970 980
Farmville, N.C. Farmville, Va. Farrell, Pa.	WFAG 1250 WFLO 870 WFAR 1470	Fredericksburg, Te	X. KNAF	910	Gouverneur, N.Y. Grafton, N.D. Grafton, W.Va.	WIGS KGPC WVVW	1340 1260	Hamilton, Ohlo Hamilton, Tex. Hamlet, N. C.	WMOH KCLW	1450 900
Farwell, Tex.	KZOL 1570 WWWF 990	Fredericksburg, Va.	WFVA WFLS	1230	Graham, N.C. Graham Tex	WSML KSWA	1190	Hamlet, N. C. Hammond, Ind. Hammond, La.	WKDX WKDX	1250 1230
Fayette, Ala. Fayetteville, Ark.	KHOG 1440 KFAY 1250	Fredericktown, Mo	KFTW	1450	Grand Coulee, Wash Grand Forks, N.D.	, KFDR KFJM	1360	Hammonton, N.J.	WFPR	1400 1580
Fayetteville, N.C.	WFAI 1230 WFNC 940	Fredonia, N.Y. Freeport, III.	WBUZ	1570		KIL0 KNOX	1440	Hampton, S.C. Hampton, Va. Hancock, Mich.	WBHC WVEC WMPL	1270 1490 920
Favottovilla Tann	WFLB 1490 WIDU 1600	Freeport, N.Y. Freeport, Tex.	WGBB	1460	Grand Haven, Mic		1370	Hanford, Calif.	KNGS	620
Fayetteville, Tenn.	WEKR 1240 WIXC 1140	Freemont, Mich. Fremont, Nebr. Fremont, Ohio	WSHN KHUB WFR0	1340	Grand Island, Net	KMMJ KRGI	750	Hannibal, Mo. Hanover, N.H.	WISL	1400 1340
Fergus Falls, Minn	KBRF 1250	Fresno, Calif.	KARM	1430	Grand Junction, Co	olo.	- 1	Hanover, Pa. Hardin, Mont.	WHVR	1280 1230
Fernandina Beach,	Fla. WFBF 1570		KIRV	1510		KEX0 KSTR	1230	Hardinshurg, Ky. Harlan, Ky. Harlingen, Tex.	WHIC WHLN KGBT	1.520
Ferriday. La. Festus, Mo. Festus-St. Louis, N	KFNV 1600 KJCF 1400		KXEX	1550 940	Grand Prairie, Te	KQIL x.	1340	Harlingen, Tex. Harrisburg, III. Harriman, Tenn.	WEBQ	1240
	KXEN 1010		KGST	1600 1340	Grand Rapids, Mi	KKDA		Harriman, Tenn. Harrisburg, Pa.	WHBT	1400
Findlay, Ohio Fisher, W.Va.	WFIN 1330 WELD 690	Palana T	KMJ KYNO	580 1300		WMAX	1230		WCMB	580 1220
Fitchburg, Mass.	WEIM 1280 WFGL 960	Friona, Tex. Front Royal, Va. Frostburg, Md. Fulton, Ky.	KNNN WFTR WFRB	1070 1450		WFUR WGRD WLAV	1410	Harrison, Ark. Harrisonburg, Va.	WKBO KHOZ WHBG	900 1360
Fitzgerald, Ga. Flagstaff, Ariz.	WBHB 1240 KCLS 600 KAFF 930	Fulton, Ky.	WFUL WFT0	560 1270 1330	Grand Rapids, Mi	WOOD			WKCY	1300 550
Flat River, Mo.	KEOS 690 KFMO 1240	Fulton, Miss. Fulton, Mo. Fulton, N.Y.	KFAL	900	Grangeville, Idaho	KOZY KORT	1230	Harrodsburg, Ky. Hartford, Conn.	WHBN	1420 1360
Flint, Mich.	WFDF 910 WTRX 1330	Fuquay-Varina, N.	C		Granite City, III. Granite Falls, N.	CWGNU	920		WCCC	1290 1410
	WAMM 1420 WMRP 1570	Gadsden, Ala.	WAKS WGAD WJBY	930	Grants, N.Mex. Grants Pass, Oreg	WKJK	980	Hartford, Ky. Hartford, Wis.	WTIC	080 0001
Flomator Al-	WKMF 1470 WTAC 600	Gaffiney, S.C.	WAAX	570 1570		KAJO	1270	Hartselle, Ala.	WTKM	1540 860
Flematon, Ala. Florence, Ala.	WTCB 990 WJOI 1340	Gainesville, Fla.	WEAC	980	Grayling, MI Grayson, Ky.	WGRY	1590 1370	Hartsville, S.C. Hartsville, Tenn.	WHSC WJKM WKLY	1450 1090 980
Florence, S.C.	WOWL 1240 WJMX 970 WOLS 1230		WGGG WRUF WUWU	1230 850 1390	Gt. Barrington, M Gt. Bend, Kans.	WSBS KVGB	860 1590	Hartwell, Ga. Harvard, III. Harvey, III.	WMCW	1600
70	# ULS 1230		., ., .,	1330	at Denu, Rails.	I V U D	1000 1	Consession a myo		1370

Location C.L. kt	z Location	C.L. kH2	Location	C.L. kHz	Location	C.L. kHz
Hastings, Mich. WBCH 12	O Hornell, N.Y.	WWHO 1320 WLEA 1480	Jackson, Wyo. Jacksonville, Ark.	KSGT 1340 KGMR 1500	Kershaw, S.C. Ketchikan, Alaska	WKSC 1300 KTKN 930
Hastings, Nebr. KHAS 123 KICS 155	0 Horseheads, N.Y. 0 Hot Springs, Ark	WLEA 1480 WIQT 1000 KBHS 590 KXOW 1420	Jacksonville, Fla.	KGMR 1500 WJAX 930 WAPE 690 WVOJ 1320	Kewance, III. Keyser, W.Va. Key West, Fla.	WKEI 1450 WKLP 1390 WKWF 1600
Hattiesburg, Miss. WBKH 95 WFOR 140 WHSY 123	0 Hot Springs, S.D.	KZNG 1340		WIVY 1050 WMBR 1460 WOBS 1360	Kilgore, Tex. Killeen, Tex. Kimball, Nebr.	WHIZ 1500 KOCA 1240 KLEN 1050
WORV 156 WXXX 131 Havelock, N.C. WKVO 133	0 Houghton, Mich.	WHDF 1400		WOZN 970 WPDQ 600	Kimball, Nebr. King, N.C. King City, Calif.	KIMB 1260 WKTE 1090 KRKC 1490
Havelock, N.C. WKVO 133 Haverhill, Mass. WHAV 145 Havre, Mont. KOJM 6 Havre de Grace, Md.	0	WHOU 1340 KJIN 1490	Jacksonville. III.	WRHC 1400 WRHC 1550	King City, Carr. Kingman, Ariz. Kings Mountain,	KAAA 1230 N.C.
WASA 133	O Houston, Miss.	WCPC 940 KBTC 1250 KCOH 1430	Jacksonville, N.C.	WLDS 1180 WJNC 1240 WBBS 1290	Kingsport, Tenn.	WKMT 1220 WKIN 1320 WKPT 1400
Haynesville, La. KLUV 158 Hayward, Wis. WHSM 9	0	KENR 1070 KILT 610 KNUZ 1230	Jacksonville, Tex. Jacksonville Bch.,	WLAS 910 KEBE 1400	Kingston, N.Y.	WGOC 1090 WBAZ 1550 WGHQ 920
Hazard, Ky. WKIC 139 Hazelhurst, Ga. WVOH 99 Hazelhurst, Miss, WMDC 129	0	KODA 1010 KPRC 950	Jamestown, Ky. Jamestown, N.Dak.	M R X 1010	Kingstree, S.C.	WKNY 1490 WDKD 1310 WKSP 1090
Hazelton, Pa. WAZL 145 WHZN 130 Heath, OH WHTH 100	0	KULF 790 KTRH 740 KXYZ 1320 KYOK 1590	Jamestown, N.Y.	KSJB 600 WJTN 1240	Kingsville. Tex. Kingwood, W.Va. Kinston, N.C.	KINE 1330 WFSP 1560 WELS 1010
Heber Springs, Ark. KAWW 133	O Howell, Mich.	KYOK 1590 WHM1 1350 KIHN 1340	Jamestown, Tenn.	WKSN 1340 WCLC 1260 WDEB 1500	1	WISP 1230
Helena, Mont. KCAP 134 KBLL 124	0 Hudson, N.Y. 0 Humacao, P.R.	WHIIC 1230	Janesville, Wis. Jasper, Ala.	WCL0 1230 WWWB 1360 WARF 1240	Kirkland, Wash. Kirksville, Mo. Kissimmee, Fla.	KYAC 1460 KIRX 1450 WFIV 1089
Hemet, Calif. KHSJ 13: Hemingway, S.C. WKYB 10: Hempstead, N.Y. WHLI 11:	0 Huntingdon, Pa.	WHUN 1150	Jasper, Ga. Jasper, Ind. Jasper, Tex.	WYYZ 1580 WITZ 990	Kittanning, Pa, Klamath Falls, O	WACY 1220 WACB 1380
Henderson, Ky. WSUN 88 Henderson, NV KBM1 148	O Huntington, N.Y.	WHLT 1300 WGSM 740	Jefferson City, Mo.	KTXJ 1350 KLIK 950 KWOS 1240	Knox, IN	KAGO 1150 KFLW 1450 WKVI 1520
Henderson, Nev. KVOV 12 Henderson, N.C. WHNC 8 WIZS 14 Henderson, Tenn. WHHM 15	0	WKEE 800 WGNT 930 WWHY 1470	Jefferson City, Ter Jeffersonville, Ind. Jena, La.	WJFC 1480 WXVW 1450	Knoxville, Iowa Knoxville, Tenn.	KNIA 1320 WBIR 1240 WIVK 850
Henderson, Tex. KGRI 100 KWRD 142	0 Huntsville, Ala.	WBHP 1230 WEUP 1600 WFIX 1450	Jena, La. Jenkins, KY Jennings, La. Jerome, Idaho	WREM 1000 KJEF 1290		WJBE (430
Hendersonville, N.C. WHKP 145	ňl	WAAY 1550 WVOV 1000	Jerome, Idaho Jerseyville, III. Jesup, Ga. John Day, Ore,	KART 1400 WJBM 1480 WLOP 1370		WATE 620 WKGN 1340 WKXV 900 WNOX 990
Henryetta, Okia. KHEN 15 Hereford, Tex. KPAN 8 Herkimer, N.Y. WALY 14	0 Hurricane, WV	KIJV 1340 WPNS 1080	John Day, Оге, Johnson City, Телі	KJDY 1400	Kodiak, Alaska	WROL 1490 WSKT 1580 KVOK 580
Hermiston, Oreg. KOHU 15: Herndon, Va. WOHN 14: Herrin, III. WJPF 13:	0	KWHK 1260	Johnston, SC	WETB 790 WJES 1570 WIZR 930	Kokomo, Ind. Koseiusko, Miss. Laconia, N.H.	WIOU 1350 WKOZ 1340 WLNH 1350
Herrin, III. WJPF 13. Hettinger, N.Dak, KNDC 14. Hibbing, Minn, WMFG 12. Hickory, N.C. WHKY 12.	0 Idabel, Ukla.	10 KID 590	Johnstown, N.Y. Johnstown, Pa.	WARD 1490	LaCrosse, Wis.	WEMJ 1490 WKBH 1410
WIRC 63 WSPF 100 Highland, III. WINU 15	0	KTEE 1260 KUPI 980 WCOF 1490	Joliet, III.	WCRO 1230 WJOL 1340 WJRC 1510	Ladysmith, Wis. Lafayette, Ga.	WLCX 1490 WKTY 580 WLDY 1340
Highland Park, III.	Independence, la.	ns. KIND 1010	Joliette, Que. Jonesboro, Ark.	CJLM 1350 KBTM 1230 KNEA 970	Lafayette, Ga.	WLFA 1590 WASK 1450 WAZY 1410
Highland Park, Tex. KVIL 11: Highland Springs, Va. WENZ 14: High Point, N.C. WMFR 12:	U indiana, ra	. KCCV 1510 WDAD 1450	Jonesboro, La. Jonesboro, Tenn. Jonesville, La.	KTOC 920 WJSO 1590 KANV 1480	Lafayette, La.	WBAA 920 KPEL 1420 KVOL 1330
WNOS 159 WHPE 100	Ŏ	WBRI 1500 WFBM 1260 WGEE 1590	Joplin, Mo.	WMBH 1450 KQYX 1560 KFSB 1310	Lafayette, Tenn. LaFollette, Tenn. LaGrande, Oreg.	KXKW 1520 WEEN 1460 WLAF 1450
Hillsboro, Ohio WSRW 15: Hillsboro, Oreg. KUIK 13: Hillsboro, Tex. KHBR 13: Hillsdale, Mich. WCSR 13:	0	W1BC 1070 W1FE 1310	Joshua Tree, Cal. Juncos, PR	KODE 1230 KJST 1420 WCID 1460	LaGrande, Oreg. LaGrange, Ga.	KLBM 1450 WLAG 1240 WTRP 620
Hillsville, Va. WHHV 149	0 Indiagola, Iowa	WIRE 1430 WXLW 950 KBAB 1490	Junction, Tex. Junc, City, Kans, Juneau, Alaska	KMBL 1450 KJCK 1420 KINY 800	LeGrange, 111. LaGrange, Tex. LaJunta, Colo.	WTAQ 1300 KVLG 1570 KBZZ 1400
KIPA III KHLO 8 Hindman, Ky. WKCB 154	0 Indian Rocks Bea	ch, Fla.	Jupiter, Fla. Kahalul, Hawaii Kailua, Hawaii	KJNO 630 WJST 1000 KNUI 1310	Lake Charles, La.	KLOU 1580 KPLC 1470 KAOK 1400
Hinesville, Ga. KGML 9: Hinton, W.Va. WMTD 13! Hobart, Okla. KTJS 14:	nglewood, Calif.	KTYM 1460 WCHB 1440	Kailua, Hawaii Kalamazoo, Mich.	KLE1 1420 WKPR 1420 WZKO 590	Lake City, Fla. Lake City, Fla.	WDSR 1340 WDSR 1340 WGRO 960
Hoppis, N.Mex. KWEW 141 KHOB 131 Hoberwald Tenn WMIR 15.	0 Inverness, Fla.	KGHS 1230 WYSE 1560	Mattenatt Mana	WKMI 1360 WYYY 1470	Lake City, S.C. Lake Geneva, Wis Lake Havasu City,	WJOT 1260 WMIR 1550
Holbrook, Ariz. KDJI 12: Holdenville, Okla. KVYL 13: Holdredge, Nebr. KUVR 13: Holdred Mich. WUTC 14	0 loura, mich	KALN 1370 WION 1430 KXIC 800	Kallspell, Mont. Kane, Pa.	KOFI 1180 WKZA 960	Lakeland, Fla.	KFWJ 980 WLAK 1430 WONN 1230
Holland, Mich. WHTC 14. WJBL 12. Hollister, Cal. KMPG 15.	lowa Falls, la.	WSUI 910 KIFG 1510 WLPH 1480	Kankakee, III. Kannapolis, N.C.	WKAN 1320 WGTL 870 WRKB 1460	Lake Placid, N.Y Lakeport, Cal.	WWAS 1330
Holly Springs, Miss. Hollywood, Fla. WGMA 13 Holly Springs, Miss.	o Iron Min., Mich. Iron River, Mich. Ironton, Ohio	WMIQ 1450 WIKB 1230 WIRO 1230	Kans, City, Kans, Kansas City, Mo.	KCKN 1340 KCMO 810 KAYQ 1190	Lake Providence, L Lake Tahoe, Calif	.a. KLPL 1050 f. KOWL 1490
WKRA II	O Ironwood, Mich.	WJMS 590 WIRV 1550 WISA 1390		KMBZ 980 KPRS 1590 WDAF 610	I taka Walas Fla	WIPC 1280
Homstead, Fla. WIII 14 Homewood, Ala. WJLD 14	Ishpeming, Mich.	WJPD 1240 WCKD 970	Kaukauna, Wis. Kenedy-Karnes Ci	WHB 710 WKAU 1050	Lakewood, Colo. Lakewood, NJ Lakewood Center,	KUUD 1400
Hondo, Tex. KRME 14 Honolulu, Hawaii KAIM 8 Honolulu, Hawaii KCCN 14	1 Ithaca, N.Y.	WLIX 540 WHCU 870 WTKO 1470 WVOM 1270	Kealakekua, Hawa	ii KKNN 790	Lake Worth, Fla. Lamar, Colo. Lamesa, Tex.	KLMR 920 KPFT 690
KGMB 5 KZ00 12 KHAI 10	Jackson, Ala. Jackson, Ga.	WHOD 1290 WJGA 1540	Kearney, Nebr. Keene, N.H.	KGFW 1340 KRNY 1460 WKNE 1290	Lampasas, Tex. Lancaster, Calif.	KCYL 1450 KAVL 610 KBVM 1380 WIXI 1280
KPOI 13 KIK! 8 KGU 7	Jackson, Mich.	WHOD 1290 WJGA 1540 WEKG 810 WIBM 1450 WKHM 970	Kelso, Wash.	WKBK 1220 KLOG 1490	Lancaster, Ky. Lancaster, N.Y. Lancaster, Ohio	W X R L 1300 W H O K 1320
KHVH 10 KKUA 8	Jackson, Miss.	WJC0 1510 WJDX 620 WJQS 1400 WJXN 1450	Kemmerer, Wyo. Kendaliville, Ind. Kenedy, Tex. Kennett, Mo.	KMER 950 WAWK 1140 KAML 990	Laneaster, Pa.	WGAL 1490 WLAN 1390 WLCM 1360
KNDI 12 KOHO 11 KORL 6 KTRG 9	70 50 90	WJXN 1450 WOKJ 1550 WWUN 1590 WRBC 1300	Kennewick-Pasco-	KBOA 830 KBXM 1540 Richland,	Lancaster, S.C. Lander, Wyo. Lanett, Ala.	WAGL 1560 KOVE 1330 WRLD 1490
		WSLI 930 WLMJ 1280	Kenosha, Wis. Kent, O.	KSMK 1340 KONA 610 WLIP 1050 WKNT 1520	Langdon, N.D.	KNDX 1060 WNPV 1440
HODKIOSVIIIA KV. WHOP I	40 Jacksen, Tenn. 30 80	WDXI 1310 WJAK 1450 WTJS 1390	Kent, O. Keokuk, Iowa Kermit, Tex. Kerrville, Tex.	KERB 600	Lansford, Pa. Lansing, Mich.	WLSH 1410 WILS 1320 WJIM 1240
Hoquim, Wash. KGHO IS	60 Jackson, Wis.	WYL0 540	Kerrville, Tex.	KERV 1230	I	WITE 1010 71

WHITE	S	Location	C.L.		Location Medican Ind	C.L.		Location McCook Note	C.L.	
		Lineville, Ala. Linton, Ind. Litchfield, III.	WANL WBTO WSMI	1600 1540	Madison, Ind. Madison, S.D. Madison, Tenn.	WORX KJAM WENO	1390 1430	McCook, Nebr. McFarland, Cal. McGehee, Ark.	KBRL KICX KXEM	1360 1590
	2	Little Falls, Minn.	KLFD KLTF WLFH	960 1230	Madison, Wis.	WHA WIBA WISM	970 1310 1480	McGehee, Ark. McKeesport, Pa.	KXEM KVSA WEDO WIXZ	1220 810 1360
	ب	Little Falls, N.Y. Littlefield, Tex. Little Rock, Ark.	KZZN KARK KALO	1490 920	Madisonville, Ky.	WTS0 WMAD WFMW	1070 1550 730	McKenzie, Tenn. McKinney, Tex.	WHDM KYAL WMCL	1440 1600
Location	C.L. kHz		KLRA	1010	Madisonville, Tenn.	WTTL	1310 1250	McLeansboro, III. McMinnville, Oreg. McMinnville, Tenn.	KMCM	1260 960
Lapeer, Mich.	WMPC 1230 WTHM 1530	Littleton, Colo.	KAAY KMYO KDKO		Magee, Miss. Magnolia, Ark, Makawai, Hawaii	WSJC KVMA KNUI	630 1310	McPherson, Kans. McRae, Ga.	WAKI KNEX WDAX	1230 1540 1410
LaPlata, Md. LaPorte, Ind.	WSMD 1560 WLO1 1540	Littleton, N. H. Live Oak, Fla.	WLTN	1400	Maksville, N.C. Malden, Mo. Malone, N.Y.	WDSL KTCB WICY	1520 1470	Moadville, Pa. Mechanicville, N.Y.	WMGW WMVI	1490 1170
Laramie, Wyo. Laredo, Tex.	KLME 1490 KOWB 1290 KLAR 1300	Livingston, Mont. Livingston, Tenn. Livingston, Tex. Lockhart, Tex.	KPRK WLIV KETX	1440	Malvern, Ark. Manassas, Va. Manati, P.R.	KB0K WPRW	1490 1310 1460	Medford, Mass. Medford, Oreg.	KME0 KSHA	860
Largo, Fla. Larned, Kans.	KV0Z 1490 WSST 800 KANS 1510	Lockhart, Tex. Lock Haven, Pa. Lockport, N.Y.	KHRB WBPZ WUSJ	1230	Manati, P.R. Manchester, Conn. Manchester, Ga.	WMNT WINF WFDR	1500 1230 1370		KBOY KBOY	1300 730 1230
LaSalle, III. LasCruces, N.Mex.	WLP0 1220 KOBE 1450	Lodi, Calif. Logan, O. Logan, Utah	KCVR WLGN KBLW	1570	Manchester, Ky. Manchester, N.H.	WWXL WFEA WGIR	1450	Medford, Wis. Melbourne, Fla,	WIGM	1490 1240
Las Vegas, Nev.	KENO 1460 KLAV 1230		KSTU	1300	Manchester, Tenn. Manhattan, Kans.	WKBR	1250 1320	Memphis, Tenn.		920 560 1430
	KRAM 1340 KLUC 1140 KORK 920	Logan, W.Va. Logansport, Ind.	WLOG WVOW WSAL	1290	Manhattan, Kans. Manistee, Mich.	KSAC KMAN WMTE	1340		WMC	790 1070 680
Las Vegas, N.Mex.	KVEG 970 KFUN 1230 WQTW 1570	Lompoc, Calif.	KKOK KLOM KNEZ	1410	Manistique, Mich. Manitou Springs, (WTIQ	1490		WLOK	1340 1480 600
Latrobe, Pa. Laurel, Md. Laurel, Miss.	WTRA 1480 WLMD 900	London, Ky. Long Beach, Calif.	WFTG KFOX	1400 1280	Manitowoe, Wis.	WCUB	980 1240	Momphis, Tex.	WREC KWAM KBGH	090 1130
	WAML 1340 WLAU 1430 WNSL 1260	Longmont, Colo. Long Prairie, Minn	KGER KLMO KEYL	1060	Mankato, Minn. Manning, S.C.	KYSM KTOE WYMB		Mena, Ark. Mendota, III. Meendocino, Cal.	KENA WGLC KMFB	1450 1090 1300
Laurens, S.C. Laurinhurg, N.C.	WLBG 860 WEW0 1080 WLNC 1300	Longview, Tex. Longview, Wash.	KFRO KLUE KEDO	1280	Manning, S.C. Mansfield, La. Mansfield, Ohio	WMAN WCLW	1360 1400 1140	Menominee, Mich. Menomenie, Wis. Merced, Calif.	WAGN	1340 1360 1480
Lawrence, Kans.	KFKU 1250 KLWN 1320	Lookout Mtn., Tenn	KBAM	1270 1070	Maplewood, Minn. Maquoketa, Iowa	WJSW KMAQ WFFG	1010 1320	Meriden, Conn.	KWIP WMMW	1580 1470
Lawrence, Mass. Lawrenceburg, Tenn	WDXE 1370	Lorain, Ohio Loretto, Pa. Loris, S.C.	WLRO WWSF WLSC	1380 1400 1570	Marathon, Fla. Marianna, Ark. Marianna, Fla.	KZ0T WTYS	1300 1460 1340	Meridian, Miss.	WCOC WDAL WMOX	910 1330 1010
Lawrenceville, Ga. Lawrenceville, III. Lawrenceville, Va.	WLAW 1360 WAKO 910 WLES 580	Los Alamos, N.Mex Los Angeles, Calif.	. KRNS KABC KFI	790 640	Marietta, Ga.	WTOT WFOM WBIE	980 1230 1080	Merkle, Tex.	WOKK WOIC KWFA	1450 1390 1500
Lawton, Okla. Leadville, Colo.	KSWO 1380 KCCO 1050 KBRR 1230		KFWB KGFJ	930 980	Marietta, Ohio Marine City, Mich.	WMOA		Merkle, Tex. Merrill, Wis. Mesa, Ariz.	WXMT KBUZ KMNO	730
Leavenworth, Kans. Lebanon, Ky.	KCLO 1410 WLBN 1590 KLWT 1230		KFAC KIIS KLAC	1330 J	Marionette, Wisc.	WSMA	570	Metropolis, III. Metter, Ga. Mexia, Tex.	WMOK	920 1360
Lebanon, Mo. Lebanon, Oreg. Lebanon, Pa.	KGAL 920 WLBR 1270 WCOR 900		KMPC KNX	710	Marion, Ala. Marion, III.	WLOT WJAM WGGH	1300 1310 1150	Mexico, Mo. Mexico, Pa.	MAIN	159C 1346 1220
Lebanon, Pa. Lebanon, Tenn. Leesburg, Fla.	WIRF 790	Los Banos, Calif.	KPOL KGBS KLBS	1020	Marion, Ind. Marion, Ky.	WBAT WGOM WMJL	1400 860 1010	Miami, Fla.	WGBS	1340 710 610
Leesburg, Va. Leesville, La. Lehigh Acres, Fla.	WZST 1410 WAGE 1290 KLLA 1570 WAYK 1440 WYNS 1150	Louisa, Ky. Louisburg, N.C. Louisville, Ga.	KLBS WVKY WYRN WPEH	1270 1480 1420	Marion, N.C. Marion, Ohio Marion, S.C.	WBRM WMRN WATP	1250 1490 1430		WFAB WFUN	990 790 1260
Leitennein, Ky.	WYNS 1150 WMTL 1580 WESY 1580	Louisville, Ky.	WAVE	970 790	Marion, Va.	WMEV	101 0 133 0		WQBA	560 [140
Lefand, Miss. LeMars, Iowa Lemmon, S.D. Lemoore, Calif.	KLEM 1410 KBJM 1400		WHAS WKLO WINN		Marked Tree, Ark. Marks, Miss. Marksville, La.	WQMA KAPB		Miami, Okla.	WOCN WINZ KGLC	1450 940 910
Lemoore, Calif. Lenoir, N.C.	KLAN 1320 KOAD 1240 WJRI 1340		WFIA WLOU WTMT	620	Marlborough, Mass. Marquette, Mich. Marshall, Minn.	KMHL	1400	Miami, Okła. Miami Beach, Fla.	WMBM WKAT	1490 1360
Leneir City, Tenn.	WKGX 1080 WBLC 1360 WLIL 730	Louisville, Miss. Loveland, Colo. Loves Park., III	WLSM KLOV WLUV	1270 1570 1520	Marshall, Minn. Marshall, Mo. Marshall, N.C. Marshall, Tex.	KMMO WMMH KMHT		Michigan City, Ind Middlebury, Vt. Middleport-Pomeroy	WIMS WFAD	1420 1490
Leominster, Mass. Leonardtown, Md.	WLMS 1000 WKIK 1370	Loves Park., III. Lovington, N.Mex. Lowell, Mass.	KLEA WCAP WLLH	630 980 1400	Marshalltown, Iowa	KDOX	1410	Middlesboro, Ky.	WMPO WMIK WAFI	1390 560 1560
Levelland, Tex. Levittown, Pa. Lewishurg, Pa.	WBCB 1490 WUDO 1010	Lubbock, Tex.	KCBD	1590 580	Marshfield, Mo. Marshfield, Wis. Martin, Tenn.	WDLG	1450 1410	Middletown, Conn. Middletown, N.Y.	WCNX	1150 1340
Lewishurg, Tenn. Lewiston, Idaho	WJ/M 1490 KRLC 1350 KOZE 1300		KLBK KLFB KFY0	1420 790	Martinsville, Ind. Martinsburg, Pa. Martinsburg, W.Va.	WCBK WJSM WEPM	1540 1110 1340	Middletown, Ohio Midland, Mich. Midland, Tex.	WPFB WMDN KCRS	910 1490 550
Lewiston, Maine Lewistown, Mont	WCOU 1240 WLAM 1470 KXLO 1230	Lucedale. Miss.	KLLL KSEL WHHT	950	Martinsville, Va.	WHEE WMVA KNIM			KJBC KNAM KWEL	1150 1510 1600
Lewistown, Pa.	WKVA 920 WMRF 1490	Ludington, Mich. Lufkin, Tex.	WKLA KRBA KLUF	1450 1340	Marysville, Calif. Marysville, Kans. Maryville, Tenn.	KMYC KNDY WGAP	1410 1570	Milan, Tenn. Miles City, Mont. Milford, Conn.	WKBJ KATL WFIF	1600 1340
Lexington, Ky.	WLAP 630 WBLG 1300 WVLK 590 WXTN 1000	Lumberton, N.C.	WAGR	580	Mason, Mich. Mason City, Iowa	WUNN KGLO	1300	Milford, Mass.	WTHD	930 1490
Lexington, Miss. Lexington, Mo. Lexington, Neb.	KLEX (570	Luray, Va. Luverne, Ala. Luverne, Minn.	WRAA WLVN KQAD	1330 1080 800	Massena, N.Y.	KRIB KSMN WMSA	1010 1340	Milledgeville, Ga, Millen, Ga, Millington, Tenn,	WMVG WGSR WTNN WMKR	1450 1570 1380
Lexington, N.C. Lexington, Tenn.	WRIIY 1440	Lynchburg, Va.	WLVA	590 930	Massillon, Ohio Matewan, W.Va.	WYBG WTIG WHJC	1050 990	Millington, Tenn. Millingcket, Me. Millville, N.J.	WMIR	1440
Lexington, Va, Lexington Pk., Md. Libby, Mont. Liberal, Kans.		Lane Mari	WLGM WWOD WBRG	1390	Mattoon, 131. Mauston, Wis.	WLBH	1170 1270	Milton, Fla. Milton, Pa.	WSRA WEBY WMLP WEMP	1330 1380
	KSCB 1270 KLIB 1470 WKDO 1560	Lynn, Mass. Lyons, Ga. Machias, Me.	WBRG WLYN WBBT WMCS	1360 1340 1400	Mayaguez, P.R.	WAEL WKJB WORA	600 710 760	Milwankee, Wis.	WEMP WRIT WISN WMIL	1250 1340 1130
Liberty, Ky. Liberty, Mo. Liberty, N.Y. Liberty, Tex	WV0S 1240	Machias, Me. Macomb, III. Macon, Ga.	WMCS WKAI WBML WCRY	1510 1240 900	Mavfield, Kv.	WPRA	760 990 1300 1320		WNOV	1290 860 920
Liberty, Tex. Lihue, Hawali Lima, Ohio	KTOH 1350 WIMA 1150 WCIT 940 WPRC 1370		WDEN	1500	Mayfield, Ky. Mayodan, N.C. Mayville, N.D. Mayerille, Ky.	WNGO WMYN KMAV WFTM	1520	Minden, La.	WNOV WOKY WTMJ KASO	620 1240
Lincoln, III. Lincoln, Me.	WPRC 1370 WLKN 1450 KFOR 1240	Macon, Mo.	WMAZ WNEX KLTI WSJR	940 1400 1560	Maysville, Ky. McAlester, Okla.	KNED	1400	Mineola, N.Y. Mineola, Tex. Mineral Wells. Tex	WTHE KMOO KORC	1510 1140
Lincoln, Nebr.	KIIN 14NN	Madawaska, Me. Madera, Calif. Madill, Okla.			McAllen, Tex. McCall, Ida. McCamey, Texas	KRIO KMCL KAMY	1240	Minneapolis, Minn	WLOL	1330
Lincolnton, N.C.	KLMS 1480 KECK 1530 WLON 1050	Madison, Fla. Madison, Ga.	KMAD WMAF WYTH	1230 1250	McComb, Miss.	WHNY	1250 980		WMIN WDGY WWTC	1130 1280
72								COMMINICATIO	NC 337	NDY IN

Location	C.L.	kHz	Location	C.L.	kHz	Location	C.L.	kHz	Location	C.L.	kHz
	KTCR KTIS KUOM KSTP	1500	Mt. Jackson, Va. Mt. Kisco, N.Y. Mt. Olive, N.C. Mt. Pleasant, Mich.	WSIG WVIP WDJS WCEN	790 1310 1430 1150	Newnan, Ga. New Orleans, La.	WETZ WCOH WNEA WDSU WJMR	1400 1300 1280	Oberlin, Ohio Ocala, Fla.	WMOP WTMC WWKE	1370
Minot, N. Dak.	KLPM KHRT KCJB	1390 1320 910	Mt. Pleasant, Mich. Mt. Pleasant, Tex. Mt. Shasta, Calif. Mt. Sterling, Ky. Mt. Vernon, [1].	WMSI	1150		WBOK	990 1230 1060	Ocean City, Md. Ocean City, Somers	Pt., N WSLT	.J. 1520
Mission, Kans. Mission, Tex. Missoula, Mont.	KTYN KBEA KIRT KGVO KGMY	1480 1580 1290 1450	Mt. Vernon, III. Mt. Vernon, Ind. Mt. Vernon, Ky. Mt. Vernon, Ohio Mt. Vernon, Wash.	WMIX WPCO WRVK WMVO KAPS	1470		WSMB WNPS WSHO WTIX WWL	1450 800 690 870	Oceanlake, Oreg. Oceanside, Calif. Ocilla, Ga. Oconto, Wis. Odessa, Tex.	WSIZ WOCO WBZB	1380 1320 1380 1260
Mitchell, S.Dak.	KYLT KYSS KORN	1340 930 1490	Muleshoe, Tex. Mullins, S.C.	KBRC KMUL WJAY	1380 1280	Newport, Ark.	WYLD WYLD KNBY			KOYL	1230 1310 1410
Moab, Utah Moberly, Mo, Mobile, Ala.	KURA KWIX WUNI WABB	1450 1230 1410 1480	Munice, ind. Munfordville, Ky. Munsing, Mich.	WLBC WERK WLOC WGON		Newport, Ky, Newport, N.H. Newport, Oreg. Newport, R.I.	WNOP WCNL KNPT WADK	1310	Oelwein, Iowa Ogaliala, Nebr. Ogdon, Utah		950 930 1430 1090
	WGOK WMOO WMOB	840	Murfreesboro, N. C Murfreesboro, Tenn.	WWDR	1080 1450	Newport, Tenn. Newport, Vt. Newport News, Va.	WIKE WIKE	1310	Ogdensburg, N.Y.	WSLB	730 1490 1400
Mobridge, S.Dak.	WKRG WLIQ KOLY	1300	Murphy, N.C.	WMTS WCVP WKRK	810 600 1320	Newport Richey, Fla	WGUL	1500	Oil City, Pa. Okeechobee, Fla. Okla. City, Okla.	WOKC	1340 1570 890
Mocksville, N.C. Modesto. Calif.	WDSL KTRB KBEE	860 970	Murphysboro, III. Murray, Ky. Murray, Utah Muscatine, Iowa	WINI WNBS KMOR	1340 1230	New Richmond, Wis	WIXK	1590		KOCY	1140 1340 1520
Mejave, Calif. Mejine, III.	KFIV KDOL WQUA	1230	Muscle Shoals City	WLAY	860 1450	New Roads, La. New Rochelle, N.Y. New Smyrna Beach	KWRG WVOX Fla.	1460		M K A K 1 E W	1000 800 930
Moline, III. Monahans, Tex. Moncks Corner. S.	WBER	950	Muskegon, Mich.	WKBZ WTRU WMUS	850 1600 1090	Newton, Iowa	WOGO KCOB KJRG	1550	Okmulgee, Dkła. Old Saybrook, Conn. Olean, N.Y.	WMNS	1240 1420 1360
Monett, Mo. Monette, Ark. Monmouth, III.	KRMO KBIB WRAM	990 1560 1330	Muskegon Heights. Muskogee, Okla,	Mich. WKJR KBIX KMUS	1520 1490	Newton, Kans. Newton, Mass. Newton, Miss.	WNTN	1410	Olnoy, III. Olympia, Wash.	WHDL WVLN KGY KITN	740 1240
Monroe, Ga. Monroe, La.	WMRE WKUN KMLB		Myrtle Beach, S.C.	WMYB WTGR	1450	Newton, N.J. Newtin, N.C. New Ulm, Minn, New York, N.Y.	WNN3 WNNS KNUJ	860 (Omaha, Neb.	KENG	920 (490 (110
Monroe, Mich.	KLIC KNOE WQTE	540 560	Nacogdoches. Tex. Nampa, 1daho	KEEE KSFA KFXD KAIN	860 J	New York, N.T.	WABC WADO WBNX WCBS	1280 1380 880		KOIL KOOO KOWH WOW	1290 1420 660
Monroe, N.C. Monroe, Wis.	WMAP WIXE WEKZ	1060 1190 1260	Nanticoke, Pa. Nana, Calif.	KVON	730 I		WEVD WHN WHOM	1330 1050 1480	Omak, Wash. Oneida, N.Y. Oneida, Tenn.	KOMW WMCR WBNT	590 680 1600
Monroeville, Ala. Monroeville, Pa. Monterey, Calif.	WMFC WPSL KIDD	630	Naples, Fla. Narrows-Pearlsburg Va.		990		WINS WLIB WMCA	1010	O'Neill, Nebr. Oneonta, Ala. Oneonta, N.Y.	KBRX WCRL WDOS	1310 1350 1570 730
Montevideo, Minn. Monte Vista, Colo.	KMBY KDMA KSLV	1240 1460 1240	Nashua, N.H. Nashville, Ark. Nashville, Ga.	WSMN KBHC WNGA	1590		WNBC	660 1130 830	Ontario, Cal. Ontario, Oreg. Opelika, Ala.	KSOM KSRV WAOA	1510 1380 1520
Montezuma, Ga. Montgomery, Ala.	WMNZ WBAM WAPX	740 1600	Nashville, Tenn.	WKDA WLAC WMAK	1240 1510 1300		WOR WPOW WQXR	710	Opelousas, La, Opp, Ala,	WJHO KSLO WAMI	1400 1230 860
	WCOV WHHY WMGY			WNAH WSIX WSM	1360 980 650	Niagara Falls, N.Y.	WWRL	1600 1270	Opportunity, Wash. Orange, Mass. Orange, Tex.	KZUN WCAT KOGT	630 1390 1600
Montgomery, W.Va	WRMA WMON	950	Natchez, Miss.	wwwim	1560 1240	Nicholasville, Ky. Niles, Mich. Niles, Ohio	WNVL	1250 1290 1540	Orange, Va. Orangoburg, S.C.	WJMA WDIX WORG	1340 1150 1580
Monticello, Ark. Monticello, Fla. Monticello, Ky.	KHBM WWSD WFLW WMLC	1430	Natchitoehes, La. Natick, Mass. Naugatuck, Conn.	KNOC	1450	Noblesville, Ind. Nogales, Ariz. Nome, Alaska	WHYT KFBR KICY	1110 1340 850	Orange Park, Fia. Ord, Neb.	WIND WAYR KNLV	920 550 1060
Monticello, Miss. Montpelier, Ida,	Vt.	1450	Navasota, Tex. Nebraska City, Neb	KNUT	1600	Norfolk, Nebr. Norfolk, Va.	KNOM WJAG WTAR	780 780 790	Oregon City, Ore. Orlando, Fla.	WDB0 WHOO	1520 500 9 90
Montrose, Colo, Montrose, Pa.	WSKI KUBC WPEL	1250	Neilisvillo, Wis.	KSFE WNAM WCCN	1280	Manmal III	WCMS WNOR WRAP WIOK	1050 1230 850	Orlana Mass	WLOF WKIS	950 740
Mooresville, N.C. Moorhead, Minn. Morehead, Ky. Morehead City, N	WHIP KVOX WMOR	1280	Nelsonville, O. Neen, Ky. Neosho, Mo. Nevada, Mo.	WNAL WNKY KBTN	1420	Normal, III. Norman, Okia.	WNAD KNOR WNAR	640	Orleans, Mass. Ormond Beach, Fla. Orofino, Idaho Oroville, Calif.	WVLC WOAT KLER KAOR	1170 1380 950 1340
Morgan City, La. Morganfield, Ky. Morganton, N.C.	WMBL KMRC WMSK	740 1430 1550	New Albany, Ind. New Albany, Miss.	WHEL WREY WNAU	1570 1290	No rristown, Pa. N. Adams, Mass. N. Atlanta, Ga. N. Augusta, S.C.	WMNB WRNG WGUS	1230 680 1380	Ortonville, Minn. Osage Bch., Mo. Osceola, Ark. Oshkosh, Wis.	KD10	1350 1150 860
Morganton, N.C. Morgantown, W.Va	WMNC	1430	Newark, Del. Newark, N.J.	WNRK WVNJ WNJR	1470 1260 620 1430	N. Bend, Ore, North Charleston, S	WFNL KBBR S.C.	1660		WAGO WOSH KBOE	690 1490 740
Morrilton, Ark. Morris, III. Morris, Minn.	WCSJ KMRS	800 1550 1230	Newark, N.Y. Newark, Ohio New Bodford, Mass.	WACK	1420	Northampton, Mass	WNCG WHMP	910	Oskaloosa, lowa Oswego, N.Y. Othello, Wash. Otsego, Mich.	WSG0 KRSC WAOP	1440 1400 980
Morristown, N.J. Morristown, Tenn.	WMTN	1150	New Bern, N.C.	WHIT	1340 1450 1490	North East, Pa. Northfield, Minn. N. Little Rock, Ark.	WCAL	770 1380	Ottawa, III. Ottawa, Kalis. Ottumwa, Iowa	KBIZ	1430 1220 1240
Morro Bay, Calif. Morton, Tex. Moscow, Idaho	KBA1 KRAN KRPL	1280	Newberry, Mich. Newberry, S.C.	WNBY WKDK WKMG WIOJ	1240	North Platte, Nebr.	KNOP	970 1410	Owatonna, Minn. Owego, N.Y.	KLEE KRFO WEBO	1390 1330
Moses Lake, Wash Moss Point, Miss.	WCIS	1260	New Boston, Ohio New Boston, Tex. New Braunfels. Tex.	KNBO	1530	North Pole, Alaska No. Syracuse, N.Y. N. Vernon, Ind.	KODY KINP WSOQ WOCH	1170 1220	Owensboro, Ky. Owosso, Mich. Oxford, Miss.	WOAP	1420 1080
Moulton, Ala. Moultrie, Ga.	WHIY WMGA WMTM	1300	New Britain, Conn. New Brunswick, N	WRCH WRYM	910 840	No. Wilkeshoro, N Norton, Kans.	.C. WKBC KNBI	810	Oxford, N.C. Oxnard, Calif. Ozark, Ala.		1340 910 900
Moundsville, W.Va Mountain City, Te Mountain Grove, M	nn. WMCT	1390	Newhursh, N.Y.	WCTC	1450 1220	Norton, Va. Norwalk, Conn. Norwalk, O.	WNVA WNLK WLKR	1350 1350	Ozark, Ark. Paducah, Ky.	WAYD	1190
Mountain Grove, M Mountain Home, I	Ark. KTLO		Newburyport, Mass. New Castle, Ind. New Castle, Pa.	WCTW WBZY WKST	1550	Norwich, Conn. Norwich, N.Y. Oakdale, La. Oakes, N. Dak.	WICH WCHN KREH	1310	Page, Ariz.	WKYX	1450
Mountainlake Terr Wash.	KFLI	1240	Newcastle, Wyo. New City, N.Y. New Haven, Conn.	KASL WRKL	1240	Oakes, N. Dak. Oak Grove, La. Oak Hill, W. Va. Oakland, Cal.	KEYD KWCL WOAY	1220 1280 860	Painesville, Ohio Paintsville, Ky. Palatka, Fla.	WPVL WSIP WWPF	1460 1490 1260
Mt. Airy, N.C.	KURB WPAQ WSYD WVMC	740 1300 1360	New Iberia, La.	WALL	1340 12 40		KNEW KABL KDIA	910 960 1310	Palestine, Tex. Palm Boh., Fla.	WSUZ KNET WQXT	800 1450 1340
Mt. Carmel, III. Mt. Carmel. Pa. Mt. Clemens, Mic	WVMC WMIM h. WBRB	1	New Kensington, I	KNIR Pa. WKPA	1360	Oakland, Md. Oakland Park, Fla	WMSG WEXY	1050 1520	Palm Sprgs., Cal.	KCMJ KDES WPAL KUTY	1010 920
Mt. Dora, Fla. Mt. Holly, N.J.	WBRB WVGT WJJZ	1580 1460	New London, Conn. New Martinsville.	WNLC W.Va.	1510	Oak Park, III. Oak Ridge. Tenn.	WOPA WATO	1490	Palmdale, Calif, Palm Desert, Cal.	KROL	

WHITE'S	Location	C.L.	kHz	Location	C.L.	kHz	Location	C.L.	
RADIO		KPH0 KRIZ	910 1230	Portsmouth, Ohio	WHEB WPAY WNXT	750 1400	Red Bluff, Calif. Redfield, S.Dak,	KVIP KBLF KFCB KCAL	540 1490
MANA		KTAR	1400	Portsmouth, Va.	WHIH	1260 1400 1350	Rediands, Calif.	KFCB KCAL WGCB	1380 1410 1440
	Picayune, Miss. Piedmont, Ala. Piedmont, Mo. Pierre, S.D.	WRJW	1320 1280 1140	Post Sulphus La	WPMH	1010	Red Lodge, Mont.	KRBN KPRB	1450
	Pierre, S.D.	KPWB KGFX KCCR	1060	Port Washington, \	Vis. WGLB	1560	Red Oak, lowa Red Springs, N.C.	KOAK WYRU KCUE	1080 1510
Location C.L. kHz	Pikeville, Ky.	WPKE	1240	Post, Tex. Poteau, Okla.	KP0S KLC0	1280	Red Lion, Fa. Red Lodge, Mont. Redmond, Oreg. Red Oak, Iowa Red Springs, N.C. Red Wing, Minn. Redwood Falls, Mi. Redwood Wis	KCUE	1490
Palo Alto, Calif. KIBE 1220 Pamona, Cal. KWOW 1600 Pampa, Tex. KPDN 1340	Pine Bluff, Ark.	KCLA	1400 1270 1490	Potomac-Cabin John	WXLN KYRO	950 1280	Reedsburg, Wis, Reedsport, Ore, Reidsville, N.C,	KDUN	1470
KUNU 1230		KOTN KCAT KPBA	1340	Potsdam, N.Y.	WPDM	1370		WFRC WREV WADR KOH	1220
Panama City Boh., Fla. WGNE 1480	Pine City, Minn. Pinellas Park, Fla. Pineville, Ky. Pineville, W.Va.	WCMP WFS0	1350 570	Pottstown, Pa. Pottsville, Pa.	WPPA	1360	Remsen, N.Y. Reno, Nev.	KBET	1340
Panama City, Fla. WDLP 590 WPCF 1430	Pineville, Ky. Pineville, W.Va.	WAND	970	Poughkeepsie, N.Y.	WEUK WKIP KPOW	1450		KCRL KOBY KOLO	780 1550 920
Pacti. Ind. WVAK 1560	Pipestone, Minn. Piqua, Ohio	WKDR	1050 1070 1570	Powell, Wyo. Poynette, Wis, Praire du Chien, V	WIBU	1240		KONE	
Paragould, Ark, KDRS 1490 Paris, Ark, KCCL 1460	Pittsburg, Calif. Pittsburg, Kans.	WPTW KKIS KOAM	990 860	Pratt, Kan.	WPRE KWNS WPXC	980 1290	Rensselaer, Ind. Rensselaer, N.Y.	WRIN	1560 130 0
Paris, III. WPRS 1440 Paris, Ky. WPDE 1440 Paris, Tenn. WTPR 710	Pittsburgh, Pa,	KSEK	1340 1020	Pratt, Kan. Prattville, Ala. Prentiss, Miss.	WPXC WKPO KYCA KENT	1410	Renton, Wash. Rexburg, Idaho	KREN	1420 1230
Paris, Tex. KPLT 1490 KPRE 1250		WAMO WJAS	860 1320	Prescott, Ariz.	KENT KNOT	1340 1450	Rexburg, Idaho Rhinelander, Wis. Rice Lake, Wis. Richfield, Minn.	WOBT WJMC WPBC	1240 1240 980
Parkersburg, W. Va. WCEF 1050 WPAR 1450 WTAP 1230		WPIT	730 1250	Prescott, Ark. Presque, Isle, Me.	KTPA WAGM	1370 950	Richland, Wash,	KSVC KALE	980
Park Falls, Wis. WNBI 980		WTAE WEEP WWSW	1250 1080 970	Preston, Idaho	WEGP KPST KFIL	1390 1340		WRCO	1450
Park Rapids, Minn. KPRM 1240	Pittsfield, III. Pittsfield, Mass,	WBBA	1580 1420	Preston, Minn. Prestonsburg, Ky.	WPRT	960 1310	Richfands, Va. Richmond, Ind. Richmond, Ky.	WRIC WKBV WEKY WCBR	540 1490 1340
Parsippany-Troy Hills, N.J. WPRJ 1310 Parsons, Kans. KLKC 1540	Pittston, Pa	WBRK WIOM WPTS	1110	Price, Utah Prichard, Ala.	KOAL WZAM	1230 1270	Richmond, Va.	WANI	990
Parsens, Tenn. WTBP 1550	Pittston, Pa. Plainfield, N.J. Plainfiew, Tex.	KVOP	1400	Prince Albert, Sask	. CKBI	900 1490		WBBL	1480 1540
KRLA 1110 KWKW 1300	Platteville, Wis.	WPLA	1590	Princeton, Ind. Princeton, Ky. Princeton, Minn.	WRAY WPKY WKPM	1250 1580 1300		WEEE	1320
Pasadena, Tex. KLVL 1480 KIKK 650 Pascagoula-Moss Point, Miss.	Plattsburg, N.Y.	WEAV WIRY WKDR	960 1340 1070	Princeton N I				WTVR	1380 910
Pascagoula-Moss Point, Miss. WPMP 1580 Pasco, Wash. KORD 910	Plattsmouth, Neb. Pleasanton, Tex.	KOTD KBOP	1000	Princeton, W.Va. Princeville, Oreg. Prosser, Wash. Providence, R.I.	WLOH KRCO KARY WEAN	690 1310		WRVA	1140 950
Paso Robles, Calif. KPRL 1230		WOND	1400	Providence, R.I.	WEAN	790 1110 1290	Richwood, W.Va.	WRGM WVAR KLOA	1540 600 1240
Pastillo, P.R. WCGB 1050 Patchogue, L.I., N.Y. WALK 1370	Plymouth, Ind. Plymouth, Mass. Plymouth, N.C. Plymouth, N.H.	WPLM WPNC WPNH	1390 1470 1300		WIAR	920 990	Ridgecrest, Cal. Ridgeland, S.C. Rifle, Colo.	KWSR	810
WPAC 1580 I	Plymouth, N.H. Plymouth, Wis. Pocahontas, Ark.	WPLY KPOC KSEI	1420 I		WPRO	630 1220	Rifle, Colo. Rio Piedras, P.R. Ripley, Miss.	WUNO	1320 1260
Paterson, N.J. WPAT 930 Pauls Valley, Okla. KVLH 1470 Pawhuska, Okla. KOSG 1500	Pocatello, Idaho			Provo, Utah	KIXX KEYY KOVO	1400 1450 960	Ripley, Miss. Ripley, Tenn. Ripon, Wis. River Falls, Wis. Riverhead, N.Y.	WTRB WCWC WEVR	1570 1600 1550
Pawtucket, R.I. WXTR 550 Payette, Ida. KYET 1450 Pearsall, Tex. KVWG 1280	Pocomoke City, Md. Pomona, Calif,	WDMV KWOW	540 1600	Pryor, Okla. Pueblo, Celo.	KOLS	1570	Riverhead, N.Y.	WRIV WHRF KPRO	1390
Pecos, Tox. KIUN 1400 Peekskill, N.Y. WLNA 1420	Pompton, Lakes, !	KKAR I. J.	1220		KDZA KAPI KCSJ	590	Riverside, Calif.	KACE	1570
Pekin, III. WSIV 1140 Pell City, Ala. WFHK 1430 Pendleton, Oreg. KTIX 1240	Pompano Beach, F	WKER la. WLOD	980	Pueblo, Colo.	KFEL	970 1350 1480	Riverton, Wyo. Riviera Beach, Fla. Roanoke Ala	WELR WXVI	1450 1600 1360
Pennington Gap, Va.	Ponca, City, Okla,	WRBD	1470 1230	Pulaski, Tenn. Pulaski, Va. Pullman, Wash.	KKAM KPUB WKSR WPUV	1420 1580	Roanoke, Ala. Roanoke, Va.	WRIS	1410
Pensacola, Fla. WSWV 1570 WBOP 980	Ponca, City, Okia. Ponce, P.R.	WPRP WEUC WPAB	910 1420		KWSU KPUL WCCF	1250 1150 1580		WTOY WROV WSLS	910 1240 610
WBSR 1450 WMEL 610 WNVY 1230		WLE0 WISO	1170 1260	Punta Gorda, Fla. Punxsutawney, Pa. Putnam, Conn.	WPME WINY KAYE	1540 1350	Roanoke Rapids, N	.C. WCBT	1230
WC0A 1370 WPFA 790	Pontiac, III. Pontiac, Mich.	WPOK	1080	Puyallup, Wash. Quanah, Tex.	KULJ	1150	noaring Springs, r	WKMC.	1370
Peoria, III. WXCL 1350 WMBD 1470 WIRL 1290	Pontotoc, Miss. Pooli, Ind. Poplar Bluff, Mo.	WSEL WVAK KWOC	1440 1560	Quantico, Va. Quincy, Cal.	WQVA KPC0	1530	Roberval, Que. Robinson, III. Robetown Tex	CHRL WTAY KROB	910 1570 500
WPE0 1020	Poplar Blun, Mo.	WRPM	1530	Quincy, Fla. Quincy, III.	WCNH WGEM WTAD	930	Robstown, Tex. Rochelle, III. Rochester, Minn.	KROC	1340
Perry, Ga. WGKR 1310 Perry, Ga. WPGA 980	Portage, Mich.	WTPS	1580 1470	Quincy, Mass. Quincy, Wash.	WJDA KPOR	1300 1370		KWEB KOLM	1270 1520
Perry, Iowa KDLS 1310 Perryton, Tex. KEYE 1400 Peru, Ind. WARU 1800	Portage, Pa. Portage, Wis, Portagevillo, Mo. Portales, N.Mex.	WPDR	1050	Quitman, Ga. Quitman, Miss. Racine, Wis.	WSFB WBFN WRAC WRJN	1490	Rochester, N.H. Rochoster, N.Y.	WWNH WBBF WHAM	950
Petaluma, Calif. KTOB 1490 Peterborough, N.H.	Portales, N.Mex. Port Angeles, Wash	. KAPY KONP	1450 1290 1450		WRJN	1460 1400 1460		WHEC	1460 680
Petersburg, Va. WSCV 1050 Petersburg, Va. WSSV 1240	Port Arthur, Tex.	KOLE	1340	Radford, Va. Raeford, N.C. Rainsville, Ala.	WSHB	1400			
Petosi, Mo. KYRO 1280 Petoskey, Mich. WMBN 1340	Porterville, Calif.	KCAW	1510 1450	Raleigh, N.C.	WKIX WYNA WPTF	850 1550	Reckford, III.	WROC WROK WYFE	1440 1150 1330
Phenix City, Ala. WPNX 1460 Philadelphia, Miss. WHOC 1490	Port Hueneme, Call Port Huron, Mich.	WHLS WPHM	1450 [WLLE	680 570 1240	Rockford, Mich. Rock Hills, S.C.	WRRR WJPW WRHI	810 1340
Philadelphia, Pa. KYW 1060 WCAU 1210	Port Jervis, N.Y. Port Lavaca, Tex.	WDLC	1490	Ralls, Tex. Rantoul, III.	WRTL	1530 1460	Rockingham, N.C.	WTYC WAYN WLWL	1150 900
WDAS IARO	Portland, Ind. Portland, Maine	WPGW	1440 970	Randolph, Vt. Rapid City, S.Dak.	WCVR	1230 1380	Rock Island, 111. Rockland, Maino Rockmart, Ga.	WLWL WHBF WRKD	1500 1270 1450
WFIL 580 WFLN 900 WHAT 1340 WIBG 990		WGAN WLOB WPOR	1310		KIMM KRSD KEZU	920	Reckmart, Ga. Rook Springs, Wvo.	WPLK	1220
WIP 610 WPEN 950	Portland, Oreg.	KBPS	1450	Raton, N.Mex. Ravenswood, W.Va.	KRTN	1490 1360	Rock Springs, Wyo. Rockville, Conn. Rockville, Md.	WINX	1600
WRCP 1540 WTEL 860		KEX KGW KKEY KOIN	1190 620	Rawlins, Wyo. Raymond, Wash.	KRAL KAPA KSOX	1240 1340	Rockwood, Tenn. Rocky Ford, Colo. Rocky Mount, N.C.	WOFE KAVI	580 1320 810
Philipsburg, Pa. WPHB 1260 Philipsburg, Kans, KKAN 1490 Phoenix, Ariz. KIFN 860		KOIN	970	Raymondville, Tex. Rayville, La. Reading. Pa.	RRIH	990	nouny mount, N.C.	WRMT	1490
KASA 1540 KCAC 1010		KPAM KPDG KPOK	800		WEEU WHUM WRAW	1340	Rocky Mount, Va.	WKWS	1290 15 70
KHAT 1480 KHEP 1280	B. 4 No. 1	KPOK KWJJ KXL	750	Red Bay, Ala. Redding, Calif.	WRMG	1430 1230	Rogers, Ark. Rogers City, Mich. Rogersville, Tenn.	WHAK	1390 960
KMEO 740 KOY 550	Port Neches, Tex. Port St. Joe, Fla. Portsmouth, N.H.	KPNG	1150 1080		KCLM KQMS KVCV	1330	Rogersville, Tenn. Rolla, Mo.	WRGS KCLU KTTR	1590
KOOL 960	r vi ismivutn, N.M.	# BBX	1900		K 7 U V	000	COMMUNICATIO		

Location	C.L.	kHz	Location	C.L. k	Hz	Location	C.L.	kHz	Location	C.L.	kHz
Rome. Ga.	WLAQ I	1410 1360	Salinas, Calif.	KDON 14 KTOM 13	380	Santa Monica, Cal	KZON KDAY	1580		KC1J KRMD KWKH	980 1340
Rome, N.Y.	WKALI	710 450	Salinas, P.R. Saline, Mich.	WHOY 12	570 980 210	Santa Paula, Cal. Santa Rosa, Calif.	KVKE	1350 1460	Sidney, Mont, Sidney, Nebr.	K G C X K S I D	1480 1340
Ronceverte, W.Va. Roseau, Minn.	WRON I	350 400 410	Saline, Mich. Salisbury, Md.	WICO 13	960 20	Santa Rosa, N.Mex Sapulpa, Okla. Saranae Lake, N.Y	KJAX KSYX KREK	1150 1420 1550	Sidney, O. Sierra Vista, Ariz. Sikeston, Mo.	KSIM	1400
Roseburg, Oreg.	KRXLI	490 240 250	Salisbury, N.C.	WSTP 14 WSAT 12	70 190 180	Sarasota, Fla.	WSAF	1220	Siler City, N.C. Siloam Sprgs., Ark	KMPL WNCA KUOA	1570
Rose Hill, N.C. Rosenberg, Tex.	WEGG	950 710 980	Sallisaw, Okla. Salmon, Idaho	KRBB 15	10 60 60	Saratoga, N.Y.	WSPB WYND WSPN	1450 1280 900	Silsbee, Tex. Silver City, N.Mes	KKAS KSIL WOMR	1300 1340 1050
Roservelt, N.M. Roseville, Cal. Rossville, Ga.	KRDD I KPOP I	320 110 980	Salt Lake City, Uta	h	10	Saratoga Springs, Sauk Rapids, Minn.	WKAJ	900	Simcoe, Ont. Sinton, Tex. Sioux Center, Iowa	CFRS KIKN KVDB	1560 1590 1090
Roswell, N.Mex.	KRSY I	230 320 430			70 80	Sault Ste. Marie, M	WVAL	800	Sioux City, lowa	KSG1	620
	KBIM KSWS I	910 020		KRSP 10	60 60	Savannah, Ga.	WBYG	900 P	Sioux Falls, S.Dak.	KISD	1230 1520
Roxhoro, N.C. Royal Oak, Mich. Royston, Ga. Rugby, N.Dak.	WBLW	340 810		KSXX 6	30 60		WTOC	630 1400 1290		KELO KNWC KSOO	1270 1140
Kuidoso, N.Mex.	KRRR I	450 340 790	San Angelo, Tex.	KPEP 14	60 20	Savannah, Tenn. Sayre, Pa.	WSOK 1 WORM WATS	1010 .	Sitka, Alaska Skowhegan, Maine	KSEW WGHM	1230 1400 1150
Rushton, La.	KRUS	970 490 580	San Antonio, Tex.		80 80	Scheffield, Ala. Schenestady, N.Y.	WATS WSHF WGY WSNY	1240	Slaton, Tex. Slidell, La. Smithfield, N.C.	KCAS WBGS WMPM	1560 1270
Rusk, Texas Russell, Kans. Russellville, Ala. Russellville, Ark.	WWWR KARV I	990 920 490		KBER III KBUC I3 KCOR I3	10	Scotland Neck, N.C. Scott City, Kans. Scottsbluff, Nebr.	KFLA KNEB	1280 1310 960	Smithville, Tenn, Smyrna, Ga, Snyder, Tex. Socorro, N.Mex.	WILE WYNX KSNY	1480 1550 1450
Russellville, Ky.		000		KEDA 15- KUKA 12: KMAC 6:	40 50 30	Scottsboro, Ala.	KOLT WCRI	1320	Soda Springs, Ida.	KSRC	790 790 920
Sutherfordton, N.C. Sacramento, Calif.	WCAB	590 320		KONO 8 KTSA 5 WOAI 12	60 50 00	Scottsdale, Ariz. Scottsville, Ky.	WROS KDOT WLCK WARM	1440	Soldatna, Alaska Somerset, Ky. Somerset, Pa.	WSFC WTLO WVSC	1240
Coordinate, Carri.	KFBK I KGMS I	530 380 430	San Bernardino, Cal	if. KCKC 13	- 1	Seranton, Pa.	WEJL WGB!	630 910 [400	Somerville, N.J. Soddy, Tenn. Sonora. Calif.	WBRW WEOG KVML	1170 1240
	KRAK I KROY I	140 240		KBON 12 KMEN 12 WSNT 14	40 90	Seaford, Del.	WSCR	1320 1280 1300	So. Beloit, III. So. Bend, Ind.	WBEL	1380 1490
Safford, Ariz.	KGLU I	470 480 380	San Diego, Calif.	KCBQ II KFMB 7	70 60 00	Searcy, Ark. Seaside, Ore. Seattle, Wash.	KSWB KAYO	930 1150	Southbridge, Mass. So. Boston, Va.	WSBT WESO	960 970
Sag Harbor, N.Y. Saginaw, Mich.	WKNX I WSAM I	600 210 400		KGB 13 KSON 12 KSDO 11	60 40		KIXI KING KIRO	710	So. Boston, Va. Southern Pines, N.C South Charleston,	WEEB W. Va.	990
St. Albans, Vt. St. Albans, W.Va.	WWSR I	790 420 300	Sandpoint, Idaho Sand Spring, Okla.		00 40		KOMO	950 1300 1000	S. Daytona, Fla. So. Gastonia, N.C.	WELE	1420
St. Anthony, Ida. St. Augustine, Fia.	WFOY 1	400 240 420	Sandusky, Mich. Sandusky, Ohio San Fernando, Calif.	WLEC 14 KGIL 12	50 60		KTW	1590 1250 570	So. Haven, Mich. South Hill, Va. Southington, Conn.	WNTY	940 1370 990
St. Charles, Mo. St. Cloud, Minn.	KIRL 1	460 450	Sanford, Fla.	WTRR 14 WSFR 13 WSME 12 WEYE 12	20	Sebring, Fla.	K B L E W J C M	770 1050 960	So. Knoxville, Tenn. South Lake Tahoe,	Cal. KOWL	1580 1490
St. George, S.C. St. George, Utah St. Helens, Oreg.	WQIZ KDXU I	810 430 600	Sanford, N.C. San Francisco, Cali	WWGP 10 f.	50	Sedalia, Mo.		1340 1490 1050	S. Miami, Fla. So. Paris, Me.	WEUN	590 790 1450
St. Ignace, Mich.	WIDG	940 580		KCBS 7		Seguin, Tex. Selinsgrove, Pa. Selma, Ala.	WSEW	1580 1240 1340	So. Paris, Me. So. Pittsburg, Tenn So. St. Paul, Minn	WEPG	910
St. Joseph, Mich. St. Joseph-Benton & Mich.	WSJM I	400		KNBR 6 KKHI 15		Selma, N.C.	WHBB		So. Williamsport, F Spanish Fork, Utah	KDAN	1370
St. Joseph, Mo.	KFEQ	680 550		KEST 14	60 50	Selmer, Tenn, Seminoie, Tex.	WDTM KIKZ WSAO	1130	Spanish Fork, Utah Sparks, Nev. Sparta, III.	KBUB WHCO	12/0
St. Louis, Mo.	KATZI	600 120	San Gabriel, Cal. San German, P.R.	KYA 126 KALI 14: WRSG 18	30	Senatobía, Miss. Seneca Falls, N.Y. Seneca Township, S	WSFW	1110	Sparta, N.C. Sparta, Tenn.	WCOK WSMT WUCR	1060
•	KTSL KWK 1		Sanitobia, Miss. San Jose, Calif.	WSAO 15 KLOK II KLIV I5	70 I	Sevierville, Tenn. Seymour, Ind. Seymour, Tex.	WSEV	930 1390	Sparta, Wis,	W C O W	990
	WEW 1	630 7 70 430	San Juan, P.R.	KEEN 13 KXRX 15	70	Shakopee, Minn. Shallotte, N.C.	WVCB	1230 1530 1410	Spartanhurg, S.C.	WORD	910 950 1530
St. Louis Park, Mi	KRSI	950		WBMJ 11 WHOA 8	90 70 40	Shamokin, Pa. Shamrock, Tex. Sharon, Pa.	KBYP WP1C	1480 1580 7 90	Spencer, Iowa Spencer, W.Va.	WVRC	1240 1400
St. Marles, Idaho St. Mary's, Pa, St. Paul, Minn,		480 400 500		WIPR 9	40	Shawano, Wis. Shawnee, Okla. Sheboygan, Wis.	WHRL	960 1450 1330	Spokane, Wash.	KDNC	1510 1440 1230
	WMIN I	630 400 370	'	WKVM 8	10 50	Sheffield, Ala.	KSEN	950 1290 1150		KHQ KJRB	1380 590 790
St. Pauls, N.C. St. Peter, Minn.	WCCO WBYB I	830 060 310	San Luis Obispo. Ca		40	Shelby, Mont. Shelby, N.C. Shelbyville, III.	WADA	730 1390 1560			970 920 1330
St. Petersburg, Fla.	WWBA WSUN	680 620 380	San Marcos, Tex. San Mateo, Calif.	KVEC 9: KCNY 14 KOFY 10	20 70	Shelbyville, Ind. Shelbyville, Ky. Shelbyville, Tenn.		940 1400	Springdale, Ark.	KBRS KSPR	1280 1340 1590
St. Petershurg Bead	h, Fla. WILZ I	590	San Ratael, Calif. San Saba, Tex. San Sebastion, P.R.	KTIM 15 KBAL 14	10	Sheldon, lewa	WLIJ	1580 1550 940	Springfield, III.	WEVS	1450 970 1240
Salamanca, N.Y. Salem, III. Salem, Ind.	WJBD I	590 350 220	Santa Ana, Calif.	WFBA 14 KWIZ 14	60	Shell Lake, Wis. Shelton, Wash, Shenandoah, Iowa	KMA	1280	Springfield, Mass.	WHYN	560 1450 1270
Salem, Mass. Salem, Mo. Salem, N.J.	KSMO I	230 340 510	Santa Barbara, Cal.	KIST 13	90	Shenandoah, Pa. Sheridan, Wyo.	KWY0	920 1530 1410	Springfield, Mo,	KGBX	
Salem, O. Salem. Oreg.	WSOM KSLM I KAPT I	600 390 220	Santa Clara, Cal.	KEGL 14	90	Sherman, Tex.	KROE KRRV KXTO	930 910 1500	Springfield, Ohio	KWT0 WIZE	560 1340
Salem, Va.	KBZY I KGAY I WBLU I	490 480 480	Santa Clara, Cal. Santa Cruz, Calif. Sante Fe, N.Mex.	KSCO 10 KTRC 14 KAFE 8	080 100 110	Shippensburg, Pa. Show Low, Ariz.	KVSL KVWM	1480 1450 970	Springfield-Eugene,	KEED	1450
Salida. Colo. Salina, Kans.	KVRH I KSAL I	340 150 550	Santa Maria, Cal.	KVSF 12 KUHL 14	60 140	Shreveport, La.	KBCL KEEL KOKA KJOE	1220 1	Springfield, Tenn. Springfield, Vt.	KORE WDBL WCFR	1590 1480
	KINA	910		KSMA 12 KSEE 14	išŏ		KJOE	1480	Springhill, La.	KBSF	1460

WHITE'S	Location	C.L.	kHz	Location	C.L.	kHz	Location	C.L.	kHz
	Taylorsville, N. C.	WTLK	1570	Tupelo, Miss.	KFMJ WELO	1050 580	Ware, Mass. Warner Robbins, (WARE	
	Taylorville, III. Tazewell, Tenn.	WTIM WNTT WTZE	1250	Turlock, Calif. Tuscaloosa, Ala.	WTUP KCEY WJRD	1490 1390 1150	Warren, Ark.	WRBN WAVC KWRF	1600 1350 860
上(0)(6)	Tazewell, Va. Tell City, Ind. Tempe, Ariz.	KUPD	1230	racearooa, Arai	WACT	1420 1280	Warren, Ohio	WHHH	1440 1570
	Temple, Texas	KTUF KTEM WBOW	1580 1400 1230	Tustumbia, Ala.	WTUG WTBC WVNA	790 1230 1590	Warren, Pa. Warrensburg, Mo. Warrenton, Mo.	WNAE KOKO KWRE	1310 1450 730
Location C.L. kHz	Terre Haute, Ind.	WAAC	1300	Tuskegee, Ala.	WRCK	1410	Warrenton, N.C. Warrenton, Va.	WARR WEER	1520 1250
Spring Lake, N.C. WFBS 1450 Spring Valley, N.Y.	Terrell, Tox. Terrell Hills. Tex.	KTER	f570 930	Twenty-Nine Palms Twin Falls, Idaho	, Calif. KDH1 KTF1	1250 1270	Warsaw, Ind.	WKCW WRSW WTRQ	1420 1480 1560
Spruce Pine N.C. WTOF 1470	Terrytown, Nebr. Texarkana, Ark.	KEYR KOSY KTFS	790		KEEP	1310 1450	Warsaw, N.C. Warsaw, Va. Wartburg, Tenn. Warwick, N.Y.	WNNT	690 940
Stamford, Tex. KDWT 1400 Stanford, Kv. WRSL 1520	Texarkana, Tex.	KCMC KATQ	740 940	Two Rivers, Wis. Tyler, Tex.	WQTC KZAK KDOK	1330	Warwick, N.Y. Warwick-E. Green	WIBQ wich, R.I WARV	1110 I.
Starke, Fla. WPAE 1490 Starkville, Miss. WKOR 980	Texas City, Tex. Thayer, Mo. The Dalles, Oreg.	KTLW KALM KODL			KTBB	600 690	Wasco, Calif. Washington, D.C.	KWS0 WMAL	1050 630
State College, Pa. WSSO 1230 WMAJ 1450 WRSC 1390	The Daties, Oreg.	KACI KRTR	1300 1490	Tylertown, Miss. Tyrone, Pa.	WTYL WTRN	1290 1340		WOL	1450 1340
Statesboro, Ga. WWNS 1240 Statesville, N.C. WSIC 1400	Thief River Falls,	KTHE Minn. KTRF		Uhrichsville, O. Ukiah, Cal. Ulysses, Kan	WBTC KMSL KULY	1540 1250 1420		WRC	980 1500
Staunton, Va. WDBM 550 WTON 1240 WAFC 900	Thibodaux, La. Thomaston, Ga.	WSFT	630 1220	Ulysses, Kan. Union, Mo. Union, S.C. Union City, Tenn.	KLPW WBCU	1220 1460	Washington, Ga. Washington, Ind.	WLOV	1370 1580
Stephenville, Tex. KSTV 1510	Thomasville, Ala,	WTGA WJDB WPAX	630 1240	Union City, Tenn. Uniontown, Pa. Urbana, III.	WENK WMBS WILL	590 580	Washington, Iowa Washington, N.J. Washington, N.C.	WCRV WEEW	1380 1580 1320
Sterling, III. WSDR 1240 Steubenville, Ohio WSTV 1340 Stevens Point, Wis. WSPT 1010	Thomasville, Ga. Thomasville, N.C.	WLDR	730 790	Utica, N.Y.	WCCR	1580 950	Washington, Pa.	WITN	930 1450
Stillwater, Minn, WAVN 1220 Stillwater, Okla, KSPI 780	Thomson, Ga.	WTWA WTH0	1240		WBVM WRUN WTLB	1550 1150 1310	Washington Court House, Ohio	WKEG	
Stockton, Calif. KJOY 1280 KSTN 1420 KWG 1230	Thousand Oaks, Cal		850	Utuado, P.R. Uvalde, Tex.	WUPR KVOU	1530 1400	Walterboro, S.C. Waterbury, Conn.	WALD WATR WTBY	1060 1320
Storm Lake, Iowa KAYL 990 Streator, III. WIZZ 1250	inurmont, ma.	WINU	1400	Valdese, N.C. Valdosta, Ga.	WSVM WGOV WGAF	950 910	Waterbury, Vt.	WWCO	1590 1240 550
Stroudsburg, Pa. WVPO 840 Stuart, Fla. WSTU 1450 Stuart, Va. WHEO 1270	Ticonderoga, N.Y. Tiffin, Ohio Tifton, Ga.	WIPS WTTF WTIF	1600		MALD	1150 1450	Waterloo, lowa	KXEL	1540 1090
Sturgeon Bay, Wis. WDOR 910 Sturgis, Mich. WSTR 1230	Tillamook, Oreg.	WWGS	1430 1590	Valentine, Nebr. Vallejo, Calif. Valley City, N.Dak. Valparaiso, Fla.	KVSH	940	Watertown, N.Y.	KWWL WATN WOTT	1330 1240 1410
Sturgis, S.D. KBHB 810 Stuttgart, Ark. KWAK 1240	Tioga, N.D. Titusville, Fla. Titusville, Pa,	WRMF WTIV	1050	Valparaiso, Fla. Valparaiso, Ind.	WFSH WAKE WNWI	1340 1500	Watertown, S.Dak	WWNY	790 1480
Sullivan, Ind. WKQV 1550 Sullivan, Mo. KTUI 1560	Toccoa, Ga.	WLET	1420 630	Van Buren, Ark. Van Cleve, Ky.	KFDF WMTC	1080 1580 730	Watertown, Wis. Water Valley, Mis.	WTTN	950 1580
Sulphur, La. KIKS 1310 Sulphur Sprgs., Tex. KSST 1230	Toledo, Ohio	WOHO WSPD WTOD	1370	Vanceburg, Ky. Vancouver, Wash.	WKKS	1570 910	Waterville, Me.	WYLY	
Summerville, S.C. WAZS 980		WCWA WTT0	1230 1520		KKEY	1150 1550 1480	Watkins Glen, N. Watseka, III.	WGMF	1500 1360
Sumter, S.C. WFIG 1290 WDXY 1240	Toledo, Oreg. Tolleson, Ariz. Tomah, Wis. Tomahawk, Wis.	KTD0 KRDS WTMB	1190	Vandalia, III. Van Wert, Ohio	KVAN WPMB WERT	1220	Watsonville, Calif. Wauchula, Fla.	WAUC	1310
Sunbury, Pa. WSSC 1340 WKOK 1070 Sunnyside, Wash, KREW 1230	i nompkinsville, Ky.	WELF	1370	Vega Baja, P.R. Venice, Fla. Ventura, Calif.	WEGA WAMR KVEN	1350	Waukegan, III. Waukesha, Wis.	WPRV WKRS WAUK	1600 1220 1510
Superior, Nebr. KRFS 1600 Superior, Wls. WDSM 710 WAKX 1320	Topeka, Kans.	KDYL WIBW KEWI	990 580 1440	Vermillion, S.Dak.	KUDU	15'0 690	Waukesha, Wis. Waukon, Ia. Waupaca, Wis.	WAUK KNEI WDUX	800
Susanville, Callf. KSUE 1240 Sutton, W.Va. WSGB 1490		WREN KTOP	1250 1490	Vernal, Utah Vernon, Ala.	KVRA KVEL WVSA	920	Waupaca, Wis. Waupun, Wis. Wausan, Wis.	WLKE WRIG WSAU	1170 1400 550
Swainshoro, Ga. WJAT 800	Toppenish, Wash, Torrington, Conn.	WTOR	610	Vernon, Tex. Vero Beach, Fla.	KVWC	1490 13 70	Waverly, lowa	WXC0 KWAY WPK0	1230 1470
Sweetwater, Tex. KXOX 1240 Svlacauga, Ala. WFEB 1340	Torrington, Wyo. Towanda, Pa. Trail, B.C.	WTTC CJAT		Vicksburg, Miss.	WTTB WQBC WVIM	1490 1420 1490	Waverly, Ohio Waverly, Tenn. Waxahachie, Tex.	WPHC	1380 1060 1390
Sylva, N.C. WMSJ 680 Sylvania, Ga. WSYL 1490	Trail, B.C. Travelers Rest, S.C Traverse City, Mich.	WBBR	1580 1400	Victoria, Tex.	KNAL	1410	Wayeross, Ga.	WACL WAYX KTCH	570 1230
Sylvester, Ga. WOGA 1540 Syracuse, N.Y. WHEN 620	Trenton, Mo.	KTTN	1900	Victorville, Calif. Vidalia, Ga. Vidalia, Ga.	WV0P WV0P	970 970	Wayne, Neb. Waynesboro, Ga. Waynesboro, Miss.	WRRA	1590 1310 990
WFBL 1390 WNDR 1260 WOLF 1490	Tronton, N.J.	WTN J WBUD WTTM	1260	Vieques, P.R. Ville Platte, La.	KVPI	1370 1050	Waynesburg, Pa. Waynesboro, Pa.	WANB WEE0	1130
Tahor City, N.C. WTAB 1370	Trenton, Tenn. Trinidad, Colo.	WTNE KCRT	1500	Vincennes, Ind. Vincland, N.J.	WAOV WWBZ WDVL	1270	Waynesboro, Tenn. Waynesboro, Va.	WAYB	1380 1480 1490
Taooma, Wash. KMO 1360 KTAC 850 KTNT 1400	Troy, Ala. Troy, N.Y.	WTBF WHAZ WTRY	970 1330 980	Vinita, Okla. Vinten, Va.	WKBA	1470 1550	Waynesville, Mo.	WANV	970 1390
KVI 570 Taft, Calif. KTKR 1310	Troy, N. C.	WXKW WJRM	1600	Virginia, Minn. Virginia Beach, Va	WHLB	1550	Waynesville, N.C. Weatherford, Okla	KFBD WHCC KWEY	1270 1400 1590
Tahlequah, Okla. KTLQ 1350 Tahoe Valley, Calif.	Troy, N. C. Truckee, Cal. Trumann, Ark.	KTRT KTMN	1400 1530	Visalia, Calif.	KONG	1400	Weatherford, Tex.	KZYZ	1580 1220
Taliadega, Ala. WEYY 1580 WNUZ 1230	Truth or Conseque New Mexico Tryon, N.C.	KCHS WTYN	1400	Vista, Cal. Vivian, La. Wabash Lud	KML0 KNCB WAYT	1600	Webster City, low Weirton, W.Va. Weiser, Idaho Welch, W.Va.	a KJFJ WEIR KWEI	1570 1430 1260
Tallahassee, Fla. WMEN 1330 WONS 1410	Tuscon, Ariz.	KXFW	1600	Wabash, Ind. Waco, Tex.	WACO KAWA KBGO	1460		WELC	1150 1340
WTAL 4450 WTNT 1270 Tallassee, Ala. WTLS 1300		KAIR	790 580	Wadena, Minn.	KWTX KWAD	1230	Weldon, N.C. Wellington, Kan. Wellsboro, Pa.	WSMY KLEY WNBT	1400
Tallulah, La. KTLD 1360 Tampa, Fla. WQYK 1110 WDAE 1250		KIKX KCUB KEVT	1290 690	Wadesboro, N.C. Wagoner, Okla. Wailuku, Hawaii	WADE	1210	Wellsville, N.Y.	WKOV	790
WY00 1550 WFI A 970		KHOS KHYT KTKT	940 1330	Wailuku, Hawaii Waipahu, Hawaii Walhalla, S.C.	KMVI KAHU WGOG	940	Wenatchee, Wash. Wendell-Zebulon,	N.C.	
WHB0 1050 WINQ 1010	_	KOPO KUAT	1450 1550	Walker, Minn. Wallace, Idaho Wallace, N.C.	KLLR	1600 620		KMEL KUEN WETC	540
WTMP 1150 WSOL 1300 Taos, N. Mex. KKIT 1340	Tucumcarl, N.Mex, Tulare, Calif.	KTNM KCOK KGEN	1270	Wallace, N.C. Walla Walla, Wash	WLSE	1400	Weslaco, Tex. West Allis, Wis. W. Bend, Wis.	KRGV WAWA WBKV	1590
Tappahannock, Va. WRAR 1000 Tarboro, N.C. WCPS 760	Tulia, Tex. Tuliahoma, Tenn.	WJIG	740		KUJ	1420 1490	West Chester. Pa.	WIAB	1440 1520
Tasley, Va. WESR 1330 Taunton, Mass. WPEP 1570 Tawas City, Mich. WIOS 1480	Tulsa, Okia,	KAKC KCNW KRMG	970 1300	Walnut Ridge, Ark. Walsenburg, Colo. Waltham. Mass. Walton, N.Y.	KRLW KFLJ WCRB	1320	West Covina, Cal W. Frankfort, III. W. Hartford, Con	. KGRB WFRX	900
Taylor, Tex. KTAE 1260 Taylorsville, Miss WSCO 1280		KELI KV00	1430	Walton, N.Y. Wanchese, N.C.	WDLA WOBR	12/0	West Jefferson, N.	WEXT	1550
76				•			Contractivita		.nr n

Location	C.L.	kHz	Location	C.L.	kHz	Location	C.L.	kHz	Location	C.L.	kHz
	WKSK	1600		KWBB		Windermere, Fla.	WVCF		Worcester, Mass.	WAAB	
W. Liberty, Ky.	WLKS	1450	Wichita Falls, Tex.	KNIN	990	Windom, Minn.	KDOM			WNEB	1230
W. Memphis, Ark	. KSUD	730		KTRN	1290	Window Rock, Ariz.	KHAC	1300		WORC	1310
W. Monroe, La.	KUZN	1310		KWFT	620	Windsor, Colo.	KUAD	1170	Charles Library Const.	WTAG	580
W. Palm Beach, f	Fla.	10333		KSWW	1250		WKND	1480	Worland, Wyo.	KWOR	
	WEAT	850	Wickford, R.I.	WKFD	1370	Windsor, N.C.	WBTE	990	Worthington, Minn.		730
	WINO	1230	Wiggins, Miss.	WIGG			KWNA	1400	Worthington, Ohio	WRFD	880
	WIRK	1290	Wildwood, N.J.	WCMC		Winfield, Ala.	WEZQ	1300	Wynne, Ark.	KWYN	1400
West Plains, Mo.	KWPM		Wilkes-Barre, Pa.	WBAX	1240	Winfield, Kan.	KNIC	1550	Wyoming, Mich.	WERX	
West Point, Ga.	WBMK		The second second	WBRE	1340	Winnfield, La.	KVCL	1270	Wytheville, Va.	WYVE	
West Point, Miss.				WILK	980	Winner, S.Dak.	KWYR	1260	Xenia, O.	WELX	1110
Westport, Conn.	WMMM		Wilkesboro, N.C.	wwwc	1240	Winnsboro, La.	KMAR	1570	The state of the s		1500
W. Springfield, M.	ass.		Willcox, Ariz,	KHIL	1250	Winnsboro, S.C.	WCKM	1250	Yadkinville, N.C.	WYOK	1480
		1490	Williams, Ariz.	KCYN	1240	Winona, Minn.	KWNO	1230	Yakima, Wash.	KIT	1280
W. Yarmouth, Ma	iss.		Williamsburg, Ky.	WEZJ	1440		KAGE	1380		KMWX	1460
W. Yarmouth, Ma	WOCB	1240	Williamsburg, Va.	WBCI	740	Winona, Miss.	WONA	1570		KBBO	1390
W. Yellowstone, I	Mont.	12.0	Williamson, W.Va.	WBTH	1400	Winslow, Ariz.	KVNC	1010		KQOT	930
cijowotolic, i	KWYS	920	Williamsport, Pa.	WLYC	1050		KINO			KUTI	980
Westerly, R.I.	WERI		William operty Tim	WRAK		Winston-Salem, N.C				KYAK	1390
Westfield, Mass.	WDEW			WWPA		in motor dayon, my	WAAA	980	Yankton, S.D.	KYNT	1450
Westminster, Md.		1470	Williamston, N.C.	WIAM	900		WAIR		Tunkton, O.D.	WNAX	570
Weston, W.Va.	WHAW	980	Willimantic, Conn.	WILI	1400		WCFM	1550	Yauco, P.R.		1550
West Warwick, R.			Williston, N.D.	KEYZ	1360		WSIS	600	Yazoo City, Miss.	WAZE	
Wetumpka, Ala.	WETU		Willmar, Minn.	KWLM	1340		WTOB		razoo Orty, miss.	WYAZ	
Wewoka-Seminole,		1230		WELW	1330		WKBX	1500	York, Nebr.	KAWL	1370
wewoka-Seminore,	KWSH	1000	Willow Springs, Mo.		1330	Winter Garden, Fla.			York, Ala.	WYLS	
Wharton, Tex.	KANI		Willows, Calif.	KIQS	1560	Winter Haven, Fla.	WSIR	1490	York, Pa.		
Wheatland, Wyo.	KYCN			WAMS		Willer Haven, Fla,	WINT		IUIK, Fa.		
Wheatland, Wyo.	WDON		Wilmington, Del.	WDEL		Winter Park, Fla.			Park Control	WSBA	910
Wheaton, Md.	WHLL	1540				Wisconsin, Dells. V		1440	York, S.C.	WYCL	980
Wheeling, W.Va.	WHLL	1600		WILM	1200	Wisconsin, Dens.	WWDA	000	Youngstown, Ohio	WBBW	1240
	WNEU	14/0	Mileter In N. O.				Wis.	330	i dangstown, Omo		
	WKWK	1400	Wilmington, N.C.	WMFD	630		WFHR	1220		WKBN	570
	WWVA			WHSL			WTMB		Ypsilanti. Mich.	WSDS	
White Castle, La.	KLSU			WKLM	980		WASR		psilanti. Mich.	WYNZ	1500
Whitehall, Mich.	WLRC	1490		WGNI	1340	Wolfeboro, N.H.			Vanla Calif		
White Plains, N.	Y, WFAS	1230		MWMW	1090	Wolf Pt., Mont.	KVCK		Yreka, Calif.	KSYC	
White River June	., Vt.		Wilson, N.C.	WGTM	590		KWRC	940	Yuba City, Calif.	KUBA	
	WNHV	910		WLLY	1350	Woodbury, Tenn.	WBFJ			KOBO	1450
Whitesburg, Ky.	WTCW	920		WVOT			WRTH	590	Yuma, Ariz.	KAWC	1320
Whiteville, N.C.	WENC			WWKY		Woodruff, S.C.	WISW	1510		KVOY	
Wichita, Kans.	KAKE	1240	Winchester, Tenn.	WCDT		Woodville, Tex.	KVLL	1220	7-1	KBLU	
	KEYN	900	Winchester, Va.	WINC		Woodward, Okla.	KSIW	1450	Zanesville, Ohio	WHIZ	1240
	KLEO			WHPL	610	Woonsocket, R.I.	WNRI	1380	Zarephath, N.J.	WAWZ	1380
	KFDI			WWBR			WWON	1240	Zephyrhills, Fla.	WPAS	
	KFH	1330	Winder, Ga.	WIMO	1300	Wooster, Ohio	WWST	960	Zion, III.	WZBN	1500

United States AM Stations by Call Letters

Call	Location A Kingman, Ariz (Little Rock, Ark. Los Angeles, Calid. Abilene, Kans. Oakland, Calif. Abidene, Kans. Oakland, Calif. Abordeen, Soak. Riverside, Calif. The Dalles, Oreg. Santa Barbara, Cal. Andrews, Tex. Port Hueneme, Calif. A dad, Okla. Pine Bluff, Ark. Sik City, Okla. Sante Fee, N.M. Fiagstaff, Ariz. Winder Calif. Winona, Minn. Horossett, Ark. Grants Pass, Oreg. Oklamath Falls, Oreg. Oklamath Falls, Oreg. Anacortes, Wash. Walpahu, Hawail Honolulu, Jawail Honolulu, Jawail Walpahu, Hawail Walpahu, Hawail Walpahu, Hawail Walpahu, Hawail Walpahu, Hawail Wolland, Calif. Crowley, La. Grants Pass, Oreg. C Tulsa, Okla. E Wichita, Kan. B Alexandria, La. E Richland, Wash. G Almogordo, N.Mex. I San Gabriel, Cal. Salt Lake City, Utah M Thayer, Mo. Nola, Kan. O Little Rock, Ark. T Atlanta, Tex. V Alya, Okla. D Conden, Ark. I Cozdd, Neb. I Corsicana, Tex. I Wharton, Tex. New Beria, La. I Wharton, Tex. New Deria, La. L Carrollton, Mo.	kHz	Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
KAAA	Kingman, Ariz	1230	KAOR	Oroville, Calif.	1340	KBAM	Longview, Wash.	1270	KBND	Bend, Oreg.	1110
KAAY	Little Rock, Ark.	1090	KAPA	Raymond, Wash.	1340	KBAN	Bowle, Tex.	1410	KBOA	Kennett, Mo.	830
KABO	Los Angeles, Calif.	790	KAPB	Marksville, La.	1370	KBAR	Burley, Idaho	1230	KBOE	Oskaloosa, Iowa	676
KABI	Abilene, Kans.	1560	KAPE	San Antonio, Tex.	1480	KBAI	San Antonio, Tex.	600	KBOK	Malyann Ark	1310
KABL	- Oakland, Callf.	960	KAPJ	Pueble, Golo.	690	KRRR	Borner Tex	1600	KBOL	Boulder Colo	1490
KABO	Albuquerque, N.M.	1350	KAPE	Mt Vernon Wash	1470	KBBC	Centerville, Utah	1600	KROM	Bismark-Mandan.	1460
KABI	Aberdeen, S. Dak.	1420	KAPT	Salam Ore	1220	KBBO	Yakima, Wash.	1390	N.Da	k.	1270
KACE	The Delles Ores	1300	KAPY	Port Angoles, Wash.	1290	KBBQ	Burbank, Cal.	1500	KBON	San Bernardine, Calif.	1240
KACI	Santa Barbara Cal	1200	KARE	Atchison, Kan.	1470	KBBR	North Bend, Oreg.	1340	KBOP	Pleasanton, Tex.	1380
KACT	Andrews Tex.	1360	KARI	Blaine, Wash.	550	KBBS	Buffalo, Wyo.	1450	KBOR	Brownsville, Tex	1600
KAC	Y Port Hueneme, Calif.	1520	KARK	Little Rock, Ark.	920	KBCH	Oceanlake, Oreg.	1380	KBOW	Butte, Mont.	350
KADA	A Ada, Okla.	1230	KARM	Fresno, Calif.	1430	KBCL	Shreveport, La.	1480	KROX	Dallas, lex.	720
KADI	Pine Bluff, Ark.	1270	KARK	Great Falls, Mont.	1400	KBEC	Wayabachio Tey	1390	KBDI	Partland Oreg.	1450
KADS	S Elk City, Okla.	1240	KART	Laroine Idaho	1400	KREE	Modesto, Calif.	970	KBRB	Ainsworth, Neb.	1400
KAFE	Sante Fe, N.M.	810	KARV	Russellville, Ark.	1490	KBEL	Idabel, Okla,	1240	KBRC	Mt. Vernon, Wash.	1420
KAF	V Rekersfield Calif	550	KARY	Prosser, Wash,	1310	KBEN	Carrizo Sprgs., Tox.	1450	KBRE	Cedar City, Utah	940
KAG	Winona, Minn	930	KASA	Phoenix, Ariz.	1540	KBER	San Antonio, Tex.	1150	KBRF	Fergus Falls. Minn.	1250
KAG	H Crossett, Ark.	8001	KASH	Eugene, Ore.	1600	KBET	Reno, Nev.	1340	KBRI	Brinkley, Ark.	13/0
KAG	Grants Pass, Oreg.	1380	KASI	Ames. Iowa	1430	KBEW	Balle Fourthe & Dak	1450	KRKK	Brooklings, S.Dak.	1300
KAG	O Klamath Falls, Oreg.	1150	KASL	Newcastle, Wyo.	1150	KBEW	Rellingham Wash	930	KBBN	Brighton Colo	800
KAG	T Anacortes, Wash.	1340	KASM	Minden La	1240	KRGH	Memphis. Tox	1130	KBRO	Bremerton, Wash.	1490
KAH	Auburn, Calif.	950	KAST	Astoria Ore	1370	KRGN	Caldwell, Idaho	910	KBRR	Leadville, Colo.	1230
KAH	Waipanu, Hawaii	970	KASY	Auhurn, Wash.	1220	KBGO	Waco, Tex.	1580	KBRS	Springdale, Ark.	1340
KAIN	Momne Ide	1340	KATA	Areata, Calif.	1340	KBHB	Sturgis, S. D.	810	KBRV	Soda Springs. Ida.	790
KAIF	Tueson Ariz	1490	KATE	Alhert Lea, Minn.	1450	KBHC	Nashville, Ark.	1260	KBRX	O'Neill, Nehr.	1350
KAJI	V Crowley, La.	1560	KATI	Casner, Wyo.	1400	KBHM	Branson, Mo.	1220	KBRZ	Freeport, Texas	1460
KAJO	Grants Pass, Oreg.	1270	KATL	Miles City, Mont.	1340	KBHS	Horotto Ark.	1560	KDSF	Crane Tev	970
KAK	C Tulsa, Okla.	970	KAIN	Sofford Ariz	1380	KRIE	Frasno Calif	900	KRST	Big Spring Tex	1490
KAK	E Wichita, Kan.	1240	KATO	Tayarkana Tay	940	KBIG	Avalon, Cal.	740	KBTA	Batesville, Ark.	1340
KAL	B Alexandria, La.	280	KATR	Fugeno Ore	1320	KBIL	Liberty, Mo.	1140	KBTC	Houston, Mo.	1250
KAL	C Alamagarda M May	1330	KATY	San Luis Obisno, Cal.	1340	KBIM	Roswell, N.Mex.	919	KBTM	Jonesboro, Ark.	1230
KAL	I San Cabriel Cal	1430	KATZ	St. Louis, Mo.	1600	KBIS	Bakersfield, Calif.	970	ISBIN	Neosho. Mo.	1420
KAL	Sait Lake City. Utah	910	KAUS	Austin, Minn.	1480	KBIX	Muskagee, Okia.	1490	MBTO	El Dorado, Kans.	1360
KAL	M Thaver, Mo.	1290	KAVA	Burney, Cai.	1450	KBJM	Lemmon, S.D.	1400	MBIR	Denver, Colo.	1070
KAL	N Iola, Kan.	1370	KAVE	Carlsbad, N.Mex.	1240	KBIS	Sallisaw, Ukia.	1240	MBUR	Sparks, Nev.	1310
KAL	O Little Rock, Ark.	1250	KAVI	Rocky Ford, Colo.	1320	VDIC	Callicaw Mich	1510	MELLO	Athens Tex	1410
KAL	T Atlanta, Tex.	900	KAVE	Lancaster, Calif.	000	KRIT	Fordvee Ark	1570	KRUH	Brigham City Utah	800
KAL	V Alva, Okla.	1430	KAW	A Wasa-Martin Tev	1010	KBKR	Baker, Oreg	1490	KBUN	Bemidii, Minn.	1450
KAM	D Camden, Ark.	910	KAW	C Yuma. Ariz.	1320	KBKV	Aberdeen, Wash.	1450	KEUR	Burlington, lowa	1490
I A M	Manady Karnes City	1300	KAW	L York, Neil.	1370	KBLC	Lakeport, Cal.	1270	KBUS	Mexia, Tex.	1590
Te	L Kelledy-Karlies City.	990	KAW	T Douglas, Ariz.	1.450	KBLE	Seattle, Wash.	1050	KBUY	Fort Worth, Tex.	1140
KAN	O Rogers, Ark.	1390	KAW	W Heber Springs, Ark.	1370	KBLF	Red Bluff, Calif.	1490	KBUZ	Mesa, Ariz.	1310
KAN	P El Centro, Calif.	1430	KAYO	Beaumont, Tex.	1450	KBLI	Blackfoot, Idaho	1040	KBVN	Lancaster, Calif.	1380
KAM	Z Albuquerque, N. Mex.	1520	KAYE	Puyallup, Wash.	1450	KBLL	Reliver Me	1130	KBMI	Brownwon, 1ex.	1540
KAM	Y McCamey, Tex.	1450	KAY	Lakewood, Wash.	1480	KBLI	Vuma Ariz	560	D B V E	Okla City Okla	890
KAN	A Anaeonda. Mont.	580	KAYL	Storm Lake, lowa	1150	KRIW	Logan IItah	1390	KRYG	Ria Springs Tex	1460
KAN	D Corsicana, Tex.	1340	KAVI	Kansas City Ma	: 190	KBLY	Gold Beach, Oreg.	1220	KBYP	Shamrock, Tex.	1580
KAN	E New Iberia, Ca.	1240	KAYS	Havs. Kans.	1400	KBMI	Henderson, Nev.	1400	KBYR	Anchorage, Alaska	1270
KAN	N Onden Iltah	1000	KAYT	Rupert, Idaho	970	KBMM	Bozeman, Mont.	1230	KBZB	Odessa. Tex.	920
KAN	O Anoka Minn.	1470	KAZA	Gilroy, Cal.	1290	KBMC	Benson, Minn.	1290	KBZY	Salem, Oreg.	1490
KAN	IS Larned, Kan.	1510	KBA	Indianola, Iowa	1490	KBMF	BISMATCK, N. D.	1350	KBZZ	Lajunta, Colo.	000
KAO	H Duluth, Minn,	1390	KBAI	Carlsbad, N.M.	740	KBM	wanpeton, N.D	1450	KUAB	Dardanelle, Ark.	1010
1/ 4 0	K Lake Charles La.	1400	KBA	Morro Bay, Calif.	1150	Bree	ekenriage, Minn.	1400	RUAU	Phochita, Artz.	1010
KAU						1 11 5 411		62.40			

WHITE'S	Call Location	ķНz	Call Location	kHz	Call Location	kHz
RADIO	KDAZ Albuquerque, N.M. KDB Santa Barbara, Calif. KDBM Dillon, Mont.	730 1490 1490	KEVA Evanston, Wyo,	1490 1240 690	KGDN Edmonds, Wash, KGEE Bakersfield, Calif.	630 1230 1230
	KDBS Alexandria, La, KDCE Espanola, N.M. KDDA Dumas, Ark.	1410 97 0 156 0	KEWE Ft. Collins, Colo.	600 1440	KGEE Bakersfield, Calif. KGEK Sterling, Colo. KGEM Boise, Idaho KGEN Tulare, Calif.	1140 1370 1390
	KDEC Decorah, Iowa	80 0	KEX Portland, Oreg.	1190	KGER Long Beach, Calif. KGEZ Kalispell, Mont. KGFF Shawnee, Okla.	600 1450
Call Location kHz	MDEO EL Colon Colid	1340 910	KEYD Oakes, N.Dak.			1230 1430 1340
KCAL Rediands, Calif. 1410 KCAM Glennallen, Alaska 790 KCAN Canyon, Tex. 1550	KDES Palm Sprgs., Callf. KDET Center, Tex.	920 930 1470	KEYL Long Prairie, Minn.	1400	KGFL Roswell, N.M. KGFW Kearney, Nebr. KGFX Pierre, S.D. KGGF Cuffeyville, Kans. KGGM Albuquerque, N.Mex.	1060 690 610
KCAP Helena, Mont. 1340 KCAR Clarksville, Tex. 1350	KDEX Dexter, Mo. KDFL Sumner, Wash.	159 0 156 0	KEYR Terrytown, Nebr. KEYS Corpus Christi, Tex.	690 1440	KGHL Billings, Mont. KGHM Brookfield, Mo. KGHO Hoquiam, Wash.	790 1470
KCAS Slaton, Tex. 1050 KCAT Pine Bluff, Ariz. 1340 KCAW Port Arthur, Tex. 1510	KDHI Twenty-nine Palms,	1500 1240	KEZU Rapid City, S.Dak.	920	KGHS International Falls,	1560 1230
KCBC Des Moines, Iowa 1390	KDIA Oakland, Calif.	1250 1470 1310	KEZY Anaheim, Calif, KFAB Omaha, Nebr.	1380 1190 1110	KGIL San Fernando, Calif. KGIW Alamosa, Colo. KGKL San Angelo, Tex.	1260 1450 960
KCBD Lubbock, 1ex, 1390 KCBN Reno, Nev, 21230 KCBQ San Diego, Calif. 1170 KCBS San Fran., Calif. 740 KCCB Corning, Ark. 1260 KCCC Carlsbad, N.M. 930 KCCL Paris A.M.	KDIO Ortonville, Minn.	1350 1230 1270	KFAC Los Angeles, Calif.	1330	KGLA Cretno Lo	850 1540 910
KCCC Carlsbad, N.M. 930 KCCL Parish Ark. 1460	KDJI Holbrook, Ariz. KDJW Amarillo, Tex. KDKA Pittsburgh, Pa. KDKD Clinton, Mo.	1010	KFAL Fulton, Mo.	900 1450	KGLC Miami, Okla. KGLE Glendive, Mont. KGLM Avalon, Calif.	590 740
KCCN Honolulu, Hawali (420 KCCO Lawton, Okla. 1050 KCCR Pierre, S. D. 1240 KCCT Corpus Christi, Tex. 1150 KCCV Independence, Mo. 1510		1510	ist and out that the out of out it	660 1100 1250	KGLO Mason City, Iowa	1300 1480
	KDLA DeRidder, La. KDLK Dol Rio, Tex. KDLM Detroit Lakes, Minn. KDLR Devils Lake, N.Dak.	1340	KFBC Cheyenne, Wyo. KFBD Waynesville, Mo.	1240 1270 1530	KGMB Honolulu, Hawaii KGMC Englewood, Colo. KGMI Bellingham, Wash.	590 1150 790
KCEY Turlock, Cal. 1390	KDLS Perry, Iowa	1310 1460 1490	KECB Redfield, S. Dak.	1340 1380 1580		1220 1500 1380
KCFH Cuero, Tex. 1600 KCFI Cedar Falls, Iowa 1250 KCHA Charles City, Iowa 1580 KCHE Cherokee, Iowa 1440	KDMO Carthage, Mo. KDMS EI Dorado, Ark. KDNC Spokane, Wash. KDNT Denton, Tex. KDOK Tyler, Tex.			1070	KGMT Fairbury, Nebr. KGMY Missoula, Mont.	1310 1450
KCHF Sioux Falls, S.D. 1520 KCHI Chillicothe, Mo. 1010		1490	KFEQ St. Joseph, Mo. KFFA Helena, Ark	1360	KGNO Dodge City, Kans.	710 1370
KCHJ Delano, Calif. 1010 KCHR Charleston, Mo. 1350 KCHS Truth or Consequences,	KDOM Windom, Minn. KDON Salinas, Calif, KDOT Soottsdale, Ariz.	1440	KFGO Fargo, N.D. KFGQ Boone, Iowa KFH Wichita, Kans.	790 1260 1330	KGO San Francisco, Calif. KGOE Thousand Oaks, Calif. KGOL Palm Desert, Cal. KGOS Terrington, Wyo. KGPC Grafton, N.Dak. KGRB West Covina, Cal. KGRI Honderson, Tex. KGRL Bend, Orea.	810 850 1270
KCHV Coachella, Calif. 970 KCIA Humble City, N. Mex. 1110	KDOI Scottsdale, Ariz, KDOV Medford, Oreg. KDOX Marshall, Tex. KDQN DeQueen, Ark. KDRG Deer Lodge, Mont. KDRO Sedalle Mo	1300 1410 1390	KFI Los Angeles, Calif. KFIL Preston, Minn. KFIR Sweet Home, Ore,	640 1060	KGOS Torrington, Wyo. KGPC Grafton, N.Dak. KGRB West Covina Cal	1490 1340 900
KCII Washington, Jowa 1360	KDRS Paragould, Ark	1400 1490 1490		1360 1450	KGRI Henderson, Tex. KGRL Bend, Oreg.	
KCIM Carroll, 10wa 1380 KCIN Vistorville, Calif. 1590	KDRY Alamo Hts., Tex. KDSI Deadwood, S. Dak. KDSN Denison, Ia.	980 1530	KFJM Grand Forks, N.Dak, KFJZ Ft. Worth, Tex	1370 1370 1270	KGRL Bend, Oreg. KGRN Grinnell, Iowa KGRO Pampa, Tex. KGRT Las Cruces, N.Mex. KGST Fresno. Calif.	1410 1230 570
KCJB Minot. N.Dak. 910 KCKC San Bernardino, Cal. 1350 KCKN Kansas City, Kans. 1340	KDSX Denison-Sherman,	950	KFKF Bellevue, Wash.	1540	KGII Hanalulu Hawaii	1600 1530 760
KCKW Jena, La. 1460 KCKY Coolidge, Ariz. 1150 KCLA Pine Bluff Ark 1400	KDTA Delta, Colo. KDTH Dubuque, Iowa KDUN Reedsport, Ore.	1400 1370 1470	KFLA Scott City, Kans. KFLD Floydada, Tex.	900	KGUC Gunnison, Colo, KGUD Santa Barbara, Calif. KGUL Port Lavac, Tex	1490
KCLE Cleburne, Tex. 120 KCLK Clarkston, Wash, 1430 KCLM Redding, Cal. 1330 KCLN Clinton, Iowa 1390	KDUZ Hutchinson, Minn. KDWA Hastings, Minn. KDWB St. Paul, Minn.	1260 1460 630	KFLJ Walsenburg, Colo. KFLN Baker, Mont.	1380 960	KGUL Port Lavae, Tex. KGVL Greenville, Tex. KGVO Missoula, Mont. KGVW Belgrade, Mont.	1400 1290 630
KCLN Clinton, lowa 1390 KCLO Leavenworth, Kans. 1410 KCLR Ralls, Tex. 1530	KDWT Stamford, Tex. KDXE No. Little Rock, Ark. KDXI Mansfield, La.	1400 1380 1360	KFLY Corvallis, Oreg. KFMB San Diego, Cal.	1240 760	KGW Portland, Oreg. KGWA Enid, Okla.	620 960
KCLS Flagstaff, Ariz. 600	KDWA Hastings, Minn. KDWB St. Paul, Minn. KDWT Stamford, Tex. KDXE No. Little Rock, Ark. KDXI Mansfield, La. KDXU St. George, Utah KDYL Tooele, Utah KDYL Tooele, Utah KDZA Pueblo, Colo, KEAN Brownwood, Tex. KFAP Ferson Calif	1430 990 1230	KFMJ Tulsa, Okla. KFML Donver, Colo. KFMO Flat River, Mo. KFNF Shenandoah, Iowa	1050 1390 1240	KGVW Belgrade, Mont, KGW Portland, Oreg. KGWA Enid, Okla. KGY Olympia, Wash. KGYN Guymon, Okla. KHAC Window Rock, Ariz. KHAD Desete M	1240 1210 1300
KCLV Clovis, N.Mex. 1240 KCLW Hamilton, Tex. 900 KCLW Colfax. Wash. 1450 KCMC Texarkana, Tex. 740	KEAN Brownwood, Tex. KEAP Fresno, Calif. KEBE Jacksonville Tex	1240 980 1400		920 1600 900	KHAI Honolulu, Hawaii	1190 1090 1360
KCMC Texarkana, Tex. 740 KCMJ Paim Sprgs., Calif. 1010 KCMO Kansas City, Mo. 810 KCN1 Broken Bow, Nebr. 1280	KEAN Browliwood, Tex. KEAP Fresno, Calif, KEBE Jacksonville, Tex. KECH Ketchikan, Alaska KECK Lincoln, Neb. KFDA San Antonia Tex	620 1530 1540	KFOR Lincoln, Nebr. KFOX Long Beach, Calif.	1240	KHAL Homer, La.	1320 1340 590
KCNI Broken Bow, Nebr. 1280 KCNO Alturas, Calif. 570 KCNW Tulsa, Okla. 1300	KEDD Dodge City Kans	1550	KEUD Anchorage, Alaska	750	KHAR Anchorage, Alaska KHAS Hastings, Nebr. KHAT Phoenix, Ariz. KHRM Monticella Ark	1230 1480 1430
KPNW Eugene, Ore. 1126 KCNY San Marcos, Tex. 1470 KCOB Newton Lowa 1280	KEDI Manitou Springs, Colo KEDO Longview, Wash, KEED Eugene, Ore, KEEE Nacogdoches, Tex,	1230	KERD Rosenberg-Richmond,	610	KHBM Monticello, Ark. KHBR Hillsboro, Tex. KHDN Hardin, Mont. KHEM Big Springs, Tex.	1560 1230
KCOG Centerville Iowa 1400 KCOH Houston, Tex. 1430 KCOK Tulare, Calif. 1270 KCOL Ft. Collins, Colo. 1410	KEEL Shreveport, La. KEEN San Jose, Calif. KEEP Twin Falls, Idaho	710 1370 1450	KFRE Fresno, Calif.	940	KHEP Phoenix, Ariz.	930 850
	KEEP Twin Falls, Idaho KEES Gladewater, Tex. KEGG Daingerfield, Tex. KEGL Santa Clara, Cal.	1430 1560	KFRO Longview, Tex. KFRU Columbia, Mo. KFSA Ft Smith Ark	1370 1400 950	KHEY El Paso, Tex. KHEH Sierra Vista, Ariz. KHHH Pampa, Tex.	1590 1280 690
KCON Conway, Ark. 1230 KCOR San Antonio, Tex. 1350 KCOW Alliance, Nebr. 1400 KCPX Salt Lake City Utah. 1320	KEHG Fosston, Minn. KELA Centralia-Checkalis, Wash,	1480	KFSB Joplin, Mo. KFSC Denver, Colo.	1310	KHIT Walla Walla, Wash. KHJ Los Angeles, Calif. KHLO Hilo, Hawaii	1230 1250 1320
KCPX Salt Lake City, Utah 1320 KCRA Sacramento, Calif. 1320 KCRC Enid, Okla. 1390	KELD El Dorado, Ark. KELI Tulsa, Okla.	1400	KFTM Ft. Morgan, Colo. KFTW Frederickstown, Mo.	1400	KHMO Hannibal, Mo. KHOB Hobbs, N.Mex.	1070 1390 1440
KCRC Enid, Okla. 1390 KCRG Cedar Rapids, Iowa 1600 KCRL Reno, Nev. 780 KCRS Midland, Tex. 550	KELK EIKO, Nev. KELO Sioux Falls, S.Dak. KELP El Paso, Tex.	1320 920	KFUN Las Vegas, N.Mex, KFUO Clayton, Mo. KFVS Capo Girardeau, Mo.	850 960	KHOS Tueson, Arz. KHOT Madera, Calif.	940 [250
KCRS Midland, Tex. 550 KCRT Trinidad, Colo, 1240 KCRV Caruthersville, Mo. 1370 KCSJ Pueblo, Colo. 550 KCSR Chadron Meb. 610	KELR EI Reno, Okia, KELY Ely, Nev. KEMM Marshfield, Mo	1230	KFWB Los Angeles, Calif. KFWJ Lake Havasu City, Ari	980 z. 980 580	KHOZ Harrison, Ark, KHQ Spokane, Wash.	630 900 590
KCSJ Pueblo, Colo. 590 KCSR Chadron, Nebr. 610 KCTA Corpus Christi, Tex. 1030	KENA Mena, Ark. KENE Toppenish, Wash.	1450	KFXM San Bernardino, Cali KFYN Bonham, Tex.	1420	KHRB Lockhart, Tex. KHRT Minot, N. D. KHSJ Hemet, Calif.	1060 1320
KCTO Columbia, La. 1540 KCTY Salinas, Calif. 980	KENM Portales, N.Mex. KENN Farmington, N.M.	1450 1390	KFYR Bismarck, N.Dak. KGA Spokane, Wash.	550 1510	KHSL Chico, Calif. KHUB Fremont, Nebr.	1320 1290 1340 1490
KCTX Childress, Tex. 1510 KCUB Tunson, Ariz. 1290 KCUE Red Wing, Minn. 1250	KENR Houston, Tex. KENT Prescott, Ariz.	1070	KGAK Gallup, N.Mex, KGAL Lebanon, Oreg.	1330	KHVH Honolulu, Hawaii KHYT Tucson, Ariz.	1040
KCVZ Clifton, Ariz. 1490 KCVL Colville, Wash. 1270 KCVR Lodi, Calif. 1570	KEOS Flagstaff, Ariz. KEPS Eagle Pass, Tex.	690 1270	KGAR Vancouver, Wash. KGAS Carthage, Tex. KGAY Salem, Oreg.	1550 1590 1430	KIBE Palo Alto, Calif. KIBL Beeville, Tex.	970 1220 1490
KCYL Lampasas, Tex. 1450 KCYN Williams, Ariz. 1240 KDAC Ft. Bragg. Calif. 1220	KERB Kermit, Tex. KERC Eastland, Tex. KERG Eugene, Orea.	600 1590 1280	KGB San Diego, Calif. KGBC Galveston, Tex. KGBS Los Angeles Calif	1360 1540 1020	KIBS Bishop, Calif. KICA Clovis, N.M. KICD Spencer, lowa	980 1240
KDAK Carrington, N.D. 1600 KDAL Duluth, Minn. 610	Wash. KELD EI Dorado, Ark. KELI TUISA, OKIA. KELK EIKO, Nev. KELO SIOUX Fails, S.Dak. KELK EIKO, Nev. KELO SIOUX Fails, S.Dak. KELP EI Paso, Tex. KELR EI Reno, OKIA. KELY EIy, Nev. KEMM Marshfield, Mo. KENA Mena, Ark. KENE Toppenish, Wash. KENE Ark. KEN Farmington, N.M. KEN Lass Vegas, Nev. KEN Farmington, N.M. KENO Las Vegas, Nev. KENT Prescott, Ariz. KEOS Flagstaff, Ariz. KEOS Flagstaff, Ariz. KEOS Flagstaff, Ariz. KEOS Flagstaff, Ariz. KESS Eagle Pass, Tex. KERB Kermit, Tex. KERB Kermit, Tex. KERB Kermit, Tex. KERG Eastland, Tex. KERG Eugene, Oreg. KERN Bakersfield, Calif. KERV KERTVIIIE, TEX. KESV KERTVIIIE, TEX.	1410	KGBT Harlingen, Tex. KGBX Springfield, Mo.	1530 1260	KICK Springfield, Mo. KICO Calexico, Calif. KICS Hastings Nob.	1340 1490 1550
RCSJ Pueblo, Colo. KCSR Chadron, Nebr. KCTA Corpus Christi, Tex. KCTI Gonzales, Tex. KCTO Columbia, La. KCUL B Tusson, Ariz. Lasson, Ariz. Lasson,	KEST San Francisco, Calif. KETX Livingston, Tex.	1450	KFRO Longview, Tex. KFRU Columbia, Mo. KFSA Pt. Smith, Ark KFSB Joplin, Mo. KFSA Pt. Smith, Ark KFSB Joplin, Mo. KFSC Deriver, Colo. KFTW Ft. Morgan, Colo. KFTW Ft. Morgan, Colo. KFTW Ft. Morgan, Colo. KFTW Ft. Morgan, Colo. KFTW Ft. Morgan, Colo. KFTW Ft. Morgan, Colo. KFTW John Mo. KFW Capp Girardeau, Mo. KFW Capp Girardeau, Mo. KFW San Bernardino, Calif. KFW John Hawasu City, Ari KFW John Hawasu City, Ari KFW John Hawasu City, Ari KFW John Hawasu City, Ari KFW John Hawasu City, Ari KFW John Hawasu City, Ari KFW John Hawasu City, Ari KFW Los Angeles, Calif. KGAL Calanon, Oreg. KGAR Vancouver, Wash. KGAS Carthage, Tex. KGAS Carthage Tex. KGBS Los Angeles, Calif. KGBS Calveston, Tex. KGBS Los Angeles, Calif. KGBS Calveston, Tex. KGBS Los Angeles, Calif. KGBS Calveston, Tex. KGBS Los Angeles, Calif.	1080	KICX McCook, Neb. KICY Nome, Alaska	1360 850

Call	Location	kHz	Call	Location	kHz	Call	Location				kHz
KID idah KIDD Mo	o Falls, Idaho nterey, Calif.	590 630	KLAC KLAK	Los Angeles, Calif. Lakewood, Colo. Cordova, Alaska Lemoore, Calif. Laredo, Tex. Las Vegas, Nev. Lubbock, Tex. La Grande, Oreg. Los Banos, Calif. Libby, Mont. Blytheville. Ark, Poteau, Okla. Lovington, N. Mex. Golden Meadow, La. Ottumwa, Lowa	570 1600	KM1L KMIN	Cameron, Tex. Grants, N.M. Portageville, Mo. Portson, Callf. Monroe, La. Vista, Cal. Grand Island, Nebr.	1330 980	KOHU	Hermiston, Oreg. Omaha, Nebr.	1290 1290
KIDU BO	ise, Idaho endale, Calif. va Falls, Ia.	630 870	KLAM	Cordova, Alaska Lemoore, Calif,	1320	KMIS	Portageville, Mo. Fresno, Calif.	1050 580	KOKV	Havre, Mont.	610 1550
KIFG IOW	ra Falls, Ia. oenix, Ariz.	860	KLAK	Larego, rex. Las Vegas, Nev.	1230	KMLO	Monroe, La. Vista, Cal. Grand Island, Nebr.	1000	KOKE	Guthrie, Okla.	1490
KIGO St.	oenix, Ariz. tka, Alaska Anthony, Ida. igo, Okla.	1400	KLBM	La Grande, Oreg. Los Banos, Calif.	1450	KMMC	Marshall, Mo.	1510	KUKU	Warrensburg, Mo.	1450
KIIS Los KIIS Los	Angelos, Calif, Angeles, Cal, Collins, Colo.	1150	KLCB KLCN	Libby, Mont. Blytheville. Ark,	910	KMNS KMO	Sioux City, Iowa Tacoma, Wash,	620 1360	KOKX	Kookuk, lowa Little Rock, Ark. Seattle, Wash. Port Arthur, Tex.	1310
KIIV Hur	Collins, Colo.	600 1340	KLCO	Poteau, Okia. Lovington, N.Mex.	630	KMON	Great Falls, Mont.	1230	KOLE	Port Arthur, Tex.	1300 1340 1470
KIKI Hor	nolulu, Hawaii sadena <u>.</u> Tex.	830 650	KLEE	Ottumwa, Iowa	1480	KMPC	Los Angeles, Calif.	1120 710 1540	KOLM	Coalinga, Calif. Quanah, Tex. Rochester. Minn.	1150 1520
KIKN SI	nton, Tex, ami, Ariz.	1340	KLEM	Ottumwa, Iowa Kailua, Hawaii LeMars, Iowa Killeen, Tex. Wichita Kans	1410	KMPL	Los Angetes, Calif. Hollister, Cal. Sikeston, Mo. Morgan City, La.	1520	KOLO KOLS	Rochester, Minn. Reno, Nev. Pryor, Okla. Scottsbluff, Nebr. Mobridge, S.Dak. Okla. City, Okla. Seattle. Wash. Omak, Wash. Watsonville, Calif. Kennewick, Wash.	920 1570
KIKX Tu	lphur, La. cson, Ariz. minole Tex	580	KLE0 KLER	Wichita, Kans. Orofino, Idahs	1480 950	KMRN KMRS	Morris. Minn.	1360 1230	KOLY	Scottsbluff, Nebr. Mobridge, S.Dak.	1320
	minole, Tex. veston, Tex. and Forks, N.D.	1400	KLEX	Lexington, Mo. Wellington, Kan.	1570	KMSL KMUL	Ukiah. Cal. Muleshoe, Tex.	1250	KOMA	Okla. City, Okla. Seattle. Wash.	1520
KILR Est	therville, lowa uston, Tex. mball, Nebr. liette, Wyo.	1070 610	KLFB	Killeen, Tex. Wichita, Kans. Orofino, Idaho Lexington, Mo. Wellington, Kan. Luhbock, Tox. Litchfield, Minn, Algona, Jowa Redwood Falls, Minn, Liberal, K ans, Monroe, La. Poplar Bluff, Mo. Dalias, Tex. Jefferson City, Mo. Lincoln, Nebr.	1410	KMUS	Ukiah, Cal. Muleshoe, Tex, Muskogeo, Okla, Walluku, Hawaii (Yakima, Wash, Marysville, Calif, Little Rock, Ark, Burlington, Colo, Fredericksburg, Tex, Agana, Guam Salt Lake City, Utah Victoria, Tex,	550	KOMY	Watsonville, Calif, Kennewick Wash	680 1340 610
KIMB KI KIML GII	mball, Nebr. liette, Wyo.	1260 1270	KLGR	Redwood Falls, Minn.	1490	KMYC	Marysville, Calif.	1410	KONE	Reno, Nev. Visalia, Calif. Spanish Fork, Utah San Antonio, Tex. Port Angeles, Wash.	1450 1400
KIMN De	pid City, S.D. nver, Colo.	950	KLIC KLID	Monroe, La. Poplar Bluff, Mo.	1230 1340	KNAB	Burlington, Colo. Fredericksburg, Tex.	910	KON1 KONO	Spanish Fork, Utah San Antonio, Tex.	1480 860
KINA Sa	t. Pleasant, Tex. Ilina, Kan.	910	KLIF	Dallas, Tex. Jefferson City, Mo.	950	KNAH	Agana, Guam Salt Lake City, Utah	1280	KONP KOOD	Port Angeles, Wash, Lakewood Center,	1450
KINE KING Sea	ngsville, Tex.	1330	KLIN	Jefferson City, Mo. Lincoln, Nebr. Fowler, Calif. Portland, Oreg. Denver, Colo. San Jose, Cal. Twin Falls, Idaho Brainerd, Minn.	1220	KNAL	l Midland, Tex.	1410 1510 1190	K O O K	Lakewood Center, h. Billings, Mont. Phoenix, Ariz. Omaha, Nebr. Coos Bay, Oreg, Tueson, Ariz. Alice, Tex. Bellingham, Wash.	970 960
KINN AL	amagordo, N.Mex.	1270	KLIR	Denver, Colo. San Jose Cal	990	KNBI	Norton, Kan.	1530	KOOO KOOS	Omaha, Nebr.	1420
KINS Eur	amagoruo, N.Mex. nslow, Ariz. reka. Calif. Paso, Tex. neau. Ark.	980 1590	KLIX KLIZ	Twin Falls, Idaho Brainerd. Minn.	1310	KNBR	San Francisco, Cal. Newport, Ark.	680	KOPO KOPY	Tucson, Ariz. Alice, Tex.	1450 1070
KINY Jui	neau, Ark. s Moines, Iowa	800 940	KLKC		1540	KNCB		1600 1390	KOQT KORA	Bellingham, Wash. Bryan, Tex.	1550 1240
KIOT Bar KIOX Bay	rstow, Calif. y City, Tex. Ilows, Calif.				1600	KNCR	Concordia, Kans. Fortuna, Cal. Nebraska City, Nebr. Hettinger, N.Dak.	1600	KORC	Bryan, Tex. Mineral Wells, Tex. Pasco, Wash. Springfield-Eugene,	910
KIRL St.	Charles. Mo.	1460	KLME	Walker, Minn. Laramie, Wyo. Longmont, Colo.	1060	KNDC	Sacramento, Calif.	1270	Ure,	Las Vegas Nev	1050 920
KIRU Sea	attle, Wash. ssion, Tex. esno, Calif.	1580	KLMS	Lamar, Colo. Lincoln, Nebr. Clayton, N. Mey	1480	KNDK	Honolulu, Hawaii Langdon, N.D. Marysville, Kans. Jonesboro, Ark. Scottsbluff, Nebr.	1080	KORL	Honolulu, Hawaii Mitchell, S.Dak. Grangeville, Idaho Oscoola, Ark.	650 1490
KIRX Kir	rksville, Mo.	1450	KLNG KLO C	Lincoln, Nebr. Clayton, N.Mex. Omaha, Neb. Ogden, Utah Ridgecrest, Calif. Ceres, Calif.	1490 1430	KNEA	Jonesboro, Ark.	970	KORT	Grangeville, Idaho Osceola, Ark.	1230 860
KIST San		910	KLOA KLOC					1150	KOSG KOSI	Panshuska, Okla. Aurora, Colo. Texarkana, Ark.	1430
KITE Ter	ma, Wash, rell Hills, Tex,	1280 930	KLOE	Goodland, Kans. Keiso, Wash.	730 [490	KNEL	Nevada, Mo.	1240	KOSY	Rapid City, S.Dak. Plattsmouth, Nob.	790 1380 1000
KIII Cha Wash	halis-Centralia,	1420	KLOK	San Jose, Calif,	1170	KNEW	Oakland, Cal.	gini	KOTN	Pine Bluff, Ark.	1490 1230
	mpia, Wash. den City, Kans.	1240	KL00	Soduland, Kans. Keiso, Washin. Pipestone, Min. Pipestone, Galif. Lompoc, Calif. Lompoc, Calif. Lowland, Colo. Loveland, Colo. Little Rock, Ark. Mountain Grove, Mo. White Castle. La. Little Falls, Minn. Macon, Mo. Blackwell, Okla. Glasgow, Mont. Salt Lake City, Utah Las Vegas, Nev. Luffin. Las Vegas, Nev. Luffin. Las Lake City. Luftlin. Las Lake City. Luftlin. Las Las Las City. Luftlin. Las Las City. Las La	1340 1580	KNEZ	Lompoc, Calif. Bayard, N.M. Hanford, Calif.	960 950	KOUR	Deming, N.M. Independence, lowa Valley City, N.Dak,	1220 1490
KIUP DU	rango, Colo. ockett, Tex.	930	KL0V KL0W	Loveland, Colo. Loveland, Colo.	1570 1570	KNGS KNIA	Knoxville, towa	620 1320	KOVE KOVO	Valley City. N.Dak. Lander, Wyo. Provo, Utah : Laramie, Wyo. I Omaha, Nebr. South Lake Tahoe,	960
KIWA Sh KIXI Sea	eldon, towa ttle, Wash.	1550 910	KLPL	Minot, N.Dak.	1390	KNIC		1550 1580	KOWE	l Caramie, Wyo. I Omaha, Nebr.	660 660
KIXL Da	llas, Tex. ovo, Utah	1040 1400	KLPW	Union, Mo.	1220	KNIR	New Iberia, La.	1360	Cal.	Escondido. Calif.	1490 1450
KIXZ AM	ockett, Tex. eldon, Towa ttle, Wash. llas, Tex. ovo, Utah arillo, Tex. Paso, Tex.	940 1150	KLRS	Mountain Grove, Mo. White Castle, La.	1360 1590	KNLV	wichita Falls, Tex. New Iberia, La. Abilene, Tex. Ord, Neb. Cottang Grove, Oreg. Friona, Tex. Morno, Tex. I Alaska N. Platte, Nebr. Norman, Okla, Prescott, Ariz. V Austin Tex.	1060	KOXR KOY F	Oxnard, Calif. Phoenix, Ariz,	910 550
KIAN AT	adison, S.Dak. Iantic, Iowa nta Rosa, Calif.	1220	KLŢF	Little Falls, Minn. Macon, Mo.	960	KNNN	Friona, Tex. Natchitoches, La.	1070	KOYL	Odessa, Tex. Billings, Mont.	1310 910
KJBC Mi	nta Rosa, Calif. cramento, Calif. dland, Tex. stus, Mo.	1430 1150	KLT2	Glasgow, Mont.	1240	KNOE	Monroe, La. Ft. Worth. Tex.	970 780	KOZE	Lewiston, Idaho	1300
KJCF Fes	stus, Mo. notion City, Kns,	1400	KLUC	Las Vegas, Nev.	1140	KNOP	N. Platte, Nebr. Norman, Okla.	1410	KOŽY	Grand Rapids, Minn. Port Arthur, Tex.	1499 1250
KJEF Jen	nction City, Kns, nn Day, Ore. nnings, La.	1290	KLUF	Lufkin, Tex. Haynesville, La.	1420 1580	KNOT	Norman, Okla. Prescott, Ariz. V Austin, Tex. Grand Forks, N.Dak. Newport, Ore.	1450 1490	KPAM KPAN	Portland. Oreg. Hereford, Tex.	
KJET Bea	liahoma City, Okia. aumont. Tex. hster City, Iowa Worth, Tex.	1380	KLVI	Pasadena, Tex. Pasadena, Tex. Levelland, Tex. Lawrence, Kans.			Grand Forks, N.Dak. Newport, Ore.	1310	KPAR	Albuquerque, N.M. Banning, Calif.	1190 1490 1400
KJIM Ft.	Worth, Tex. uma, La. rth Platte, Nebr.	1490	KLWI	Levelland, Tex. I Lawrence, Kans.			Makawai, Hawaii New Ulm, Minn, Houston, Tex	860	KPAY	Albuquerque, N.m. Banning, Calif. Berkeley, Calif. Chico, Calif. Pine Bluff. Ark. Port Sulphur, La. Marked Tree, Ark.	1060 1590
KINO Ju	neau, Alaska	970 630	KLWV	Lebanon, Mo. V Cedar Rapids, Iowa Bakersfield, Callf.	1450 1350	KNWO	New Ulm, Minn, Houston, Tex. Sioux Falls, S.D. Waterloo, Iowa	1270	KPBC	Port Sulphur, La. Marked Tree, Ark.	1510 1580
KJOE Shi	reveport, La. pockton, Calif. aynesville, Mo.	1170 1480 1280	KLYQ KLYR	Hamilton, Mont. Clarksville, Ark.							1370 1530
KJK Seat	aynesville, Mo.	1390 950	KMA	Hamilton, Mont. Clarksville, Ark. Denver, Colo Shenandoah, Iowa San Antonio, Tev	960 630	KOAC	Denver, Colo. Corvallis, Oreg. Lemoore, Calif.	1240		Bowling Green, Mo. Pampa, Tex. Portland, Oreg. Lafayetto, La.	1340 800 1420
KJRB Sp	okane, Wash.	790 950	KMAI	Madill, Okła.	630 1550 1340	KOAK	Arroyo Grande, Cal. Red Oak, Ia. Price, Utah	1230	KPFI	San Angelo. Tex. Lamesa, Tex. Phoenix, Ariz.	1420 690
KJSK Co	lumbus, Nebr. hua Tree, Cal. amden, Ark. enver City, Tex.	900 1420	KMAI	M Butler, Mo. M Manhattan, Kans. Maquoketa, Iowa	1530	KOAN	1 Pittsburg, Kans.	800 770	KPHO	Phoenix, Ariz. Page, Ariz.	910 1340
KKAL D	amgen, Ark. enver City, Tex,	1450 1580	KMA	Maquoketa, lowa R Winnsboro, La.	1320 1570	KORF	Albuquerque, N.Mex. Las Cruces, N.Mex. I Hot Springs, S.Dak.	1450 580	IKPIK	Colorado Sprgs., Colo. Casa Grande, Ariz. Lake Charles, La.	1260
KKAN P	enver City, Tex, vueblo, Colo, hillipsburg, Kans, omona, Calif. ilsbee, Tex. oswell, N.M. irand Prairie, Tex. stes Park, Colo.	1350 1490 1220	KMAS	Maquokota, lowa R Winnsboro, La. S Shelton, Wash, V Mayville, N.D. Junction, Tex. V Monterey, Calif, K Kansas City, Mo. Pairfield lowa	1520	KOBY	Yuba City, Cal. Reno, Nev.	1550	KPLT	Paris. Tex	1470 1490 1240
KKAS SI KKAT R	ilsbee, Tex. oswell, N.M.	1300	KMB	_ Junction, 1ex. Y Monterey, Calif, Y Kansas City, Mo	1450 1240 980 1570	KOCA	Kilgore, Tex. Oklahoma City, Okla. Houston, Tex.	1340	KPMC	Crescent City, Calif. Bakersfield, Calif.	1560 1150
KKDA G KKEP E	rand Prairie, Tex. stes Park, Colo,	730 1470	KMC	Fairfield, Iowa McCall, Ida.	1240	KODE	Joplin, Mo.	1230	KPNV	Port Neches, Tex, V Eugene, Ore. Pocahontas, Ark.	1120
KKGFG	ortland, Ore.	1150	KMC	M McMinnville, Oreg. Conroe, Tex.	1260 900	KODL	Joplin, Mo. Cody, Wyo. The Dalles, Oreg. North Platte, Nebr.	1440 1240	KPOD KPOF	Crescent City, Calif. Denver, Colo.	1310
KKIN A	an Francisco, Calif. itkin, Minn. itsburg. Calif.	1550 930 990	KMCV	A raineid. Iowa M McMinnville, Oreg. O Conroe. Tex. V Augusta. Ark. O Ft. Scott. Kans, O Medford. Oreg. L Wenatchee. Wash,	1190 1600 1440	KOEL	Oelwein, Iowa St. Maries, Idaho	950 1480	KP01	Honolulu, Hawaii C Portland, Ore.	1380 1330
KKIT Ta KKJO SI	ttsburg, Calif. ios. N.Mex. L. Joseph. Mo.	1340 1550	KME	Medford, Oreg. L Wenatchee, Wash, N San Bernardino,	1340	KOFO	Oelwein, Iowa St. Maries, Idaho Kalispell, Mont. Ottawa, Kans. San Mateo, Calif,	1220	KPOF	. Lus Angeics, Calif. P Roseville, Cal. I Quincy, Wash	1540 1110 1370
KKUNK	. Joseph. Mo. ompoc, Calif. (ealakekua, Hawaii	790	Cal.	D Phoenix. Ariz.	1290 740	KOGA	A Ogallala, Nebr. San Diego. Calif.	930	KP0S	Pocahontas, Ark. Ocrescent City, Callf. Denver, Colo. Honolulu, Hawaii (Portland, Ore. Los Angeles, Calif. Roseville. Cal. t Quincy, Wash. Post. Tex. y Powell, Wyo. Pasadena. Calif. Wenatchee, Wash.	1370 1260
KKOY C KKUA F	hanute, Kan. Ionolulu, Hawaii	1460 690	KME	R Kemmerer, Wyo. B Mendocino, Cal.	950 1300	KOGT	A Ogaliala, Nebr. O San Diego, Calif. T Orange. Tex. Reno, Nev. I St. Helens. Ore. D Houolulu, Hawaii	1600 630	KPPC KPQ	Pasadena, Calif. Wenatchee, Wash.	1240 560 1240
	Brownfield, Tex. Furlington, Iowa	1150	KMH	L Marshall, Minn. T Marshall, Tex.	1400 1450	KOH	i St. Helens. Ore. D Houolulu, Hawaii	1600	KPRE	Wenatchee, Wash. 3 Redmond, Oreg. 3 Houston, Tex.	950
	***										70

WHITE'S	Call Location	kHz			Call Location	kHz
Call Location kill KPRE Paris, Tex. KPRK Livingston, Mont. 18 KPRL Paso Robiles, Calif. 12 KPRN Park Rapids, Minn. 14 KPR Kansas City Mo. 18 KPR Mansas City Mo. 18 KPR Mansas City. 10 KPS Palm Springs, Calif. 14 KPSO Faffurrias, Tex. 12 KPST Preston, Idaho 13 KPTL Carson City, Nev. 18 KPUA Hilo, Hawaii MRUB Pueblo, Colo. 18 KPUB Pueblo, Colo. 19 KPUB Bellingham, Wash. 11 KPUL Pullman, Wash. 11 KPUL Pullman, Wash. 11 KPUL Pullman, Wash. 11	KROX Crookston, Minn, KROY Sacramento, Calif. KRPT Moscow, Idaho KRPT Moscow, Idaho KRPT Anadarko, Okla, KRRT Ruidoso, N. Mex. KRRY Sherman, Tex. KRSA Salinas, Cal. KRSC Othello, Wash. KRS Salinas, Cal. KRSC Rapid City, S. Dak, KRSI St. Louis Park, Minr KRSI Russell. Kans. KRSI St. Louis Park, Minr KRSI Russell. Kans. KRSI St. Louis Park, Minr KRSI Russell. Kans. KRSN Los Alamos, N. Mex. KRSY Roswell. N. Mex. KRSY Roswell. N. Mex. KRSY Roswell. N. Mex. KRSY Roswell. N. Mex. KRSY Roswell. N. Mex. KRSY Roswell. N. Mex. KRSY Roswell. N. Mex. KRSY Roswell. N. Mex. KRSY Giendale, Ariz. KRUX Giendale, Ariz. KRUX Giendale, Ariz. KRUX Giendale, Ariz. KRUX Giendale, Ariz. KRUX Giendale, Coop. KRYX Gien	1260 1240 1400 1340 910 1570 1400 1340 950 950 1490 1490 1490 1490 1490 1490 1360 1350 1350	KSVN Ogden, Utah KSVP Artesia, N.Mex. KSWA Graham, Tex. KSWB Seaside, Ore. KSWM Jaurora, Mo. KSWM Lawton, Okiz. KSWS Roswelt, N. M. KSWW Wickenburg, Ariz. KSXX Salt Lake Gity, Utah KSYC Yreka, Calif. KSYL Alexandria, La. KSYL Santa Rosa, N.Mex. KTAC Tacoma, Wash, KTAC Targoma, Wash, KTAE Taylor, Tex. KTAP Austin, Tex. KTAP Austin, Tex. KTAP Tyler, Tex. KTAF Tyler, Tex. KTAF Tyler, Tex. KTBE Austin, Tex. KTBE Austin, Tex. KTBE Malden, Mo. KTBE Malden, Mo. KTBE Malden, Mo. KTCB Malden, Mo.	730 990 1330 940 1380 1020 630 1490 970 14260 970 620 1570 590 1470 1590	KUJ Walla Walla, Wash. KUKA San Antonio, Tex. KUKI Ukiah, Calif. KUKU Willow Springs, Mo. KULA Honolulu, Hawaii KULE Ephrata, Wash. KULF Houston, Tex. KULP El Campo, Tex. KULY Ulyses, Kan, KUMA Pendieton, Oreg. KUMU Honolulu, Hawaii KUNO Corpus Christi, Tex. KUOA Siloam Springs, Ark. KUOA Minneapolis, Minn. KUPD Tempe, Ariz. KUPI Idaho Falls, Idaho KUPK Garden City, Kan. KURA Moob, Utah KURB Mountlake Terrace, Wash. KURB Billings. Mont.	1420 1250 1400 1330 690 730 790 1420 1500 1490 770 1060 1450 1510 730
KQAD Luverne, Minn. KQAQ Austin, Minn, KQEN Roseburg, Ore. KQEN Roseburg, Ore, KQEN Roseburg, Ore, KQEN Roseburg, Ore, KQEN Roseburg, Ore, KQIL Grand Juneion, Col. KQIN Burien, Wash, KQIQ Santa Paula, Cal. KQIN Burien, Wash, KQIQ Santa Paula, Cal. KQOT Yakima, Wash, KQOT Yakima, Wash, KQV Pitsburgh, Pa, KQWB Fargo, N. D. KQXI Arvada, Colo. KQYX Joplin, Mo, KRAD E, Grand Forks, Minn.	TO KSAL Salina, Kans, KSAL Salina, Kans, KSAM Huntsville, Tex. KSAY San Francisco, Calif. Kok KSCJ Sioux City, Iowa KSCJ Sioux City, Iowa KSCJ Sonta Cruz, Calif. KSD St. Louis, Mo. KSD St. Louis, Mo. KSD St. Louis, Mo. KSD San Diego, Calif. KSD Waterton, S.Dak. KSD Waterton, S.Dak. KSE Santa Maria, Calif. KSE Santa Maria, Calif. KSE Pocatello, Idaho KSEL Lubbock, Tex. Kans, 50 KSEL Lubbock, Tex. Water Maria, Calif. KSEL Lubbock, Tex. Water Maria, Calif. KSEL Lubbock, Tex. Water Maria, Calif. KSEL Lubbock, Tex. Water Maria Calif. KSEL Lubbock, Tex. Water Mari	1150 1490 1010 1270 1360 1080 550 930 1130 1480 930 1340 950	KTEM Temple, Tex, KTEO San Angelo, Tex. KTER Terreil, Tex, KTET Payette, Idaho KTFI Twin Falls, Idaho KTFI Twin Falls, Idaho KTFS Texarkana, Tex, KTGR O Tioga, N. D. KTGR Columbia, Mo. KTHE Thermopolis, Wyo. KTHO South Lake Tahoe, Cal KTHO South Lake Tahoe, Cal KTHO South Lake Tahoe, Cal KTHO South Lake Tahoe, Cal KTHO South Lake Tahoe, Cal KTHO South Lake Tahoe, Cal KTHO South Lake Tahoe, Cal KTHO South Lake Tahoe, Cal KTHO South Lake Tahoe, Cal KTHO Fall South Lake KTIM San Rafaol, Calif. KTIM San Rafaol, Calif. KTIM San Rafaol, Calif. KTIM San Rafaol, Calif. KTIM San Rafaol, Calif. KTIM San Rafaol, Calif. KTIM San Rafaol, Calif. KTIM San Rafaol, Calif. KTIM San Rafaol, Calif. KTIM San Rafaol, Calif. KTIM San Rafaol, Calif. KTIM San Rafaol, Calif. KTIM Tueson, Ariz, KTL Duelvar, Calo, KTL Duelvar, Colo, KTL Duelvarian Home Ark.	1400 1340 1570 1450 1450 1590 1240 1590 1590 1510 1450 930 1240 1310 1310 1320 1320 1320 1320 1320 132	NOTE EMINION, O'EG, KURY Brookings, O'eg, KURY Brookings, O'eg, KURY Shing, Okia KUSN St. KUSN Monoever. KUSN Wash. KVAN Vancouver. Wash. KVAN Vancouver. Wash. KVAN Vancouver. Wash. KVAN Vancouver. Wash. KVAN Vancouver. Wash. KVAN Vancouver. KUSN Brainerd, Minn. KVCK Wolf Point. Mont. KVEC San Luis Obispo. Calif. KVEC Can Luis Obispo. Calif. KVEC Vernal. KVEN Verstan. Calif. KVEC Cottor. COC. KVFD Ft. Dodge. Iowa KVIC Victoria. Tex. KVIC Victoria. KVIC Victoria. KVIC Victoria. KVIC Victoria. KVIN Vinita. K	980 1470 1590 1380 1570 1310 1490 1490 1490 1450 1090 1090 1,920 1450 1970 1450 1450 1450 1450
KRAN Morton, Tex. 12 KRAY Amarillo, Tex. 13 KRBA Lufkin, Tex. 13 KRBA Sallisaw, Okla. 15 KRBC Abilene, Tex. 14 KRBI St. Peter, Minn. 13 KRBN Red Lodge, Mont, 14 KRCB Council Bluffs, 1a, 15 KRCO Prineville, Oreg, 16 KRDD Roswell, N. Mex. 13 KRDD Roswell, N. Mex. 15 KRDG Redding, Calif. 17	80 KSGM Chester, III. 60 KSGT Jackson, Wyo. 40 KSHA Medford, Ore. 60 KSGT Sidney, Nebr. 70 KSIB Creston, Iowa 710 KSIG Sidney, Nebr. 10 KSIG Sidney, La. 50 KSIL Silver City, N.Mex, 60 KSIM Sikeston, Mo. 90 KSIS Sedalia, Mo. 20 KSIW Woodward, Oolia, 30 KSIX Cornus Christi Tay.	980 1340 860 1520 1340 1450 1340 1450 1230 660 1390 1230 1450 1230 1450 1230 1450 1450 1450 1450 1450 1450 1450 145	KTLC Tableboush, Okla. KTLU Rusk. Tex, KTLU Rusk. Tex, KTLU Rusk. Tex, KTLU Rusk. Tex, KTMC MeAlester, Okla. KTMC MeAlester, Okla. KTMC MeAlester, Okla. KTMN Tuumann, Ark. KTMN STUMBANN, ARK. KTMN Tuumann, Ark. KTMT Tacoma, Wash. KTMT Tacoma, Wash. KTMT Tacoma, Wash. KTMT Tacoma, Wash. KTMT Allester, Ark. KTMT Mealester, Ark. KTMC Jonesboro, La. KTMC Mealester, Ark. KTMC Mealester, Ark. KTMT Mealester, Ark. KTMT Mealester, Ark. KTMT Mealester, Ark. KTMT Mealester, Ark. KTMT Santa Fe, N.Mex. KTRE Modosto, Calif. KTRE Modosto, Calif. KTRE Modosto, Calif. KTRE Modosto, Calif. KTRE Modosto, Calif. KTRE Modosto, Calif. KTRE Modosto, Calif. KTRE Modosto, Calif. KTRE Modosto, Calif. KTRE Modosto, Calif. KTRE Thorie River Falls, Minn.	1350 920 1400 1350 1550 1250 1250 1400 1490 1490 1490 1350 1380 940 1350 1370	KVIS Great Bend, Kane, KVIC Victoria, Tex. KVIL Highland Park, Tex. KVIN Vinita, Okla. KVID Cottonwood, Arlz. KVIP Redding, Callf. KVKM Monahans, Tex. KVLB Cloveland, Tex. KVLB Cloveland, Tex. KVLE Alpine, Tex. KVLE Alpine, Tex. KVLH Pauls Valley, Okla. KVLL Woodville, Tex. KVLV Fallon, Nev. KVMC Magnolia, Ark. KVMC Colorado City, KVMC Molorado City, KVMC Molorado City, KVMC Winslow, Ariz, KVNI Coeur d'Alene, Idaho KVNU Logan, Utah KVOB Bastrop, La. KVOC Casper, Wyo.	1590 570 1340 1470 1600 540 1330 1410 1570 1470 980 630 1320 1450 1010 1240 610
KRGU Weslasso. Tex. KRGU Sait Lake City, Utah 12 KRGD Sait Lake City, Utah 12 KRGD Bubean, Okla, 13 KRIB Mason City, Iowa 14 KRIB Mason City, Iowa 14 KRIB Mason City, Iowa 14 KRIB Mason City, Iowa 14 KRIB Mason City, Iowa 14 KRIB Mason City, Iowa 14 KRID Pheenic Lake 15 KRIZ Pheenic Lake 16 KRKO Everett Wash, 13 KRKO Mason 16 KRKO Mason 16 KRKO Mason 16 KRKO Mason 16 KRKO Mason 16 KRKO Mason 16 KRKO Mason 16 KRKO Mason 16 KRKO Mason 16 KRLA Pason NSDM Ontario, Cal. KSDM San Diego, Calif. KSON San Diego, Calif. KSOD Sloux Falls. S.Dak. KSON Salt Lake City. Utal. KSOX Raymondville. Tex. KSOX Raymondville. Tex. KSPD Bolse, Idah. KSPI Stillwater, Okla. KSPD Spokane. Wash KSPD Spokane. Wash KSPB Springdale. Ark.	1460 1430 1430 1280 1510 1240	KTRM Beaumont, Tex. KTRN Wichita Falls, Tex. KTRT Truckee, Cal.	990 1290 1400	KVOD Plainview, Tex. KVOR Colo. Springs, Colo. KVOU Uvalde, Tex.	1400 1300 1400 1280 1450 1400 1400 1570 1240 1460 1340	
KRLN Canon City, Colo. KRLW Walnut Ridge, Ark. 13 KRMO Shreveport, La. 15 KRME Hendo, Tex. 14 KRMG Husa, Okla. 7 KRMI Carmel, Calif. 14 KRMO Monett Mo. 15 KRNK Bosseburg, Oreg. 12 KRNT Des Moines, Iowa 15 KRNT Rose Monstown, Tex. 14 KROB Robstown, Tex. 15 KROC Rochester, Minn, 13 KROE Sheridan, Wyo. 9 KROE Sheridan, Wyo. 9 KROF Abbeville, La. 13 KROP Brawley, Calif. 13 KROP Brawley, Calif. 13	SON KSRA Salmon, Idaho ON KSRC Secorro, N. Mey, ON KSRC Secorro, N. Mey, ON KSRC Secorro, N. Mey, ON KSRC Secorro, N. Mey, ON KSRD Secorro, N. Mey, ON KSRD Santa Rosa, Calif, ON KSRD Colorado Springs, Colorado Springs, Colorado Springs, Tey ON KSTA Coloman, Tey ON KSTA Coloman, Tey ON KSTA Steeler, Molorado, ON KSTA ST. ALL, ON KSTA ST. ALL, ON KSTA ST. ALL, ON KSTA ST. ALL, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA ST. ALL, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA Granaunetion, Colorado, ON KSTA GRANAUNETICA G	1290 920 1350 1380 10. 740 1000 1430 690 1420 1500 1500 1510 590 1170 1510 730 1240 1370	KTW Seattle, Wash, KTWO Casper, Wyo, KTXJ Jasper, Tcx, KTXO Sherman, Tex, KTYO Minglewood, Calif, KTYN Minglewood, Calif, KTYN Mingt, N.D., KUAD Windsor, Colo, KUAI Elele, Kanai, Hawaii KUAT Tueson, Ariz, KUBA Yuba City, Calif, KUBA Yuba City, Calif, KUBA Cananide, Calif, KUBO Geanside, Calif, KUOL Great Falls, Mont, KUDL Fairway, Kan, KUDL Fairway, Kan, KUDL Ventura, Calif, KUDL Yentura, Calif, KUDL Yentura, Calif, KUDL Yentura, Calif, KUDL Yensey, Kan,	1450 1380 1590	KVOW Neinderson, Nev. KVOW Miverton, Wyo. KVOX Moorhoad, Minn, KVOY Yuma, Arlz. KVOZ Laredo, Tex. KVPI Ville Platte, La, KVRA Vermillion, S. D. KVRC Arkadejphla, Ark. KVRD Cottonwood, Ariz. KVRE Santa Rosa, Calif. KVRH Salida, Celo. KVRS Rock Springs. Wyo. KVSA McGehee, Ark. KVRS Sante Fc, N. Mex. KVSF Sante Fc, N. Mex. KVSF Sante Fc, N. Mex. KVSF Sante Fc, N. Mex. KVSF Sante Fc, N. Mex. KVSF Sante Fc, N. Mex. KVSF Sante Fc, N. Mex. KVSF Sante Fc, N. Mex. KVSF Sante Fc, N. Mex. KVSF Sante Fc, N. Mex. KVST Mornteier, Ida. KVST Mornteier, Ida. KVSU Ardmore, Okla. KVAL Bustersheld. Calif. KWAL Bustersheld. Calif. KWAL Bustersheld. Calif. KWAL Watertown, S. Dak. KWAW Waterly, Iowa. KWBA Baytown, Tex.	1360 1260 940 1450 1450 1280 970 1370 1490 920 1240 990 950 1470 1360 1410

Call Location	kHz	Call Location	kHz	Call	Location	kHz	Call Location	kHz
KWBC Navasota, Tex. KWBE Beatrice, Nebr. KWBG Boone, Iowa KWBW Hutchinson, Kans.	1550 1450	KXRB Sioux Falls, S.D. KXRO Aberdeen, Wash, KXRX San Jose, Callf, KXTO Sherman, Tex, KXXL Bozeman, Mont, KXXX Golby, Kans, KXXZ Houston, Tex, KXA San Francisco, Calif, KYAC Kirkland, Wash, KYAK Anchorage, Alaska KYAL McKinney, Tex, KYCA Preseott, Ariz, KYCA Preseott, Ariz, KYCA Wheatland, Wyo, KYES Roseburg, Oreg, KYET Payette, Idaho KYJE Medford, Oreg,	1520 1320	WAIN	Anderson, S.C. Columbia, Ky.	1230 1270	WAYE Dark, Ala. WAYE Baltimore, Md. WAYK Lehigh Acres, Fla. WAYN Rokingham, N.C. WAYR Orange Park, Fla. WAYS Charlotte, N.C. WAYT Wabash, Ind. WAYX Wayeross, Ga. WAYZ Wayeross, Ga. WAYZ Wayeross, Ga. WAYZ Wayeross, Ga. WAYZ Wayeross, Ga. WAYZ Wayeross, Ga. WAYZ Wayeross, Ga. WAZE Clearwater, Fla. WAZE Acceptation, Pa. WAZE Yazoo City, Miss. WAZE Yazoo City, Miss. WAZE Varianterial, S.C. WAZE Wayette Ind. WAZA Lafayette Ind. WAZA Wase Mayor Md. WBAA Barlown, N.C. WBAC Bullimore, Md. WBAM Montgomery, Ala. WBAP Fort Worth, Tex.	1190 860 1440
KWBW Hutchinson, Kans, KWBY Edna, Tex,	1450	KXTO Sherman, Tex. KXXL Bozeman, Mont.	1500 1450	WAIT	Chicago, III. Decatur, Ala.	820 1490	WAYN Rockingham, N.C. WAYR Orange Park, Fla.	900 550
KWBY Edna, Tex. KWCB Searcy, Ark, KWCL Oak Grove, La.	1300	KXXX Colby, Kans, KXYZ Houston, Tex,	790 1320	WAKE	Walparaise, Ind.	1500	WAYS Charlotte, N.C. WAYT Wabash, Ind.	1510 1230
KWCO Chickasha, Okla. KWDR Del Rio, Tex. KWEB Rochester, Minn.	810	KYAC Kirkland, Wash. KYAK Anchorage, Alaska	1460 650	WAKN	Aiken, S.C. Lawrenceville, 111.	990	WAYZ Waynesboro, Pa. WAZA Bainbridge, Ga.	1380 1360
KWDR Del Rio, Tex. KWEB Rochester, Minn, KWED Seguin, Tex. KWEI Weiser, Idaho	1580 1260	KYAL McKinney, Tex. KYCA Prescott, Ariz.	1490	WAKE	Akron, Ohio Fuguay-Varina, N.C.	1460	WAZE Clearwater, Fla. WAZL Hazelton, Pa.	860 1490 1230
KWEL Midland, Tex. KWEW Hobbs, N.Mex. KWEY Weatherford, Okla.	1480 1590	KYES Roseburg, Oreg. KYET Payette, Idaho	950 1450	WARY	Louisville, Ky. Fall River, Mass.	790 1400	WAZS Summerville, S. C. WAZY Lafayette, Ind.	980 1410
KWFA Merkle, Tex. KWFR San Angelo, Tex. KWFT Wichita Falls, Tex. KWG Stockton, Calif.	1500	KYLT Missoula, Mont.	1230	WALG	Albany, Ga, Patchogue, N.Y.	1590	WBAA West Lafayette, Ind. WBAB Babylon, N.Y.	920 1440 1340
KWG Stockton, Calif. KWGH Big Lake, Tex.	620 1230 1290	KYNG Coos Bay, Oreg. KYNO Fresno, Calif.	1420	WALM	Albion, Mich. Humacao, P.R.	1260 1240	WBAF Barnesville, Ga. WBAG Burlington, N.C.	1090
KWGH Big Lake, Tex. KWHI Brenham, Tex. KWHK Hutchinson, Kans. KWHN Fort Smith, Ark. KWHO Salt Lake City, Utah	1280	KYNT Yankton, S.Dak. KYOK Houston, Tex.	1450	WALY	Herkimer, N.Y. Selma, Ala.	1420	WBAL Baltimore, Md. WBAM Montgomery, Ala.	740 570
KWHO Salt Lake City, Utah KWHW Altus, Okla.	1320 860 1450	KYOS Merced, Calif. KYRO Potosi, Mo.	1480 1280	WAME	d Donelson, Tenn. Aberdeen, Md. Galatin, Tenn. Opp, Ala. Laurel, Miss. Flint, Mich. Pittsburgh, Pa. Venice, Ela.	970 1130	WBAR Bartow, Fla. WBAT Marion, Ind.	
KWIK Pocatello, Idaho KWIL Albany, Oreg. KWIN Ashland, Oreg. KWIP Merced, Calif. KWIQ Moses Lake, Wash.	1240 790	KYOU Greeley, Colo. KYSM Mankato, Minn.	1450	WAML	Opp, Ala, Laurel, Miss,	860 1340	WBAT Marion, Ind. WBAW Barnwell, S.C.	740 1240
KWIN Ashland, Oreg. KWIP Merced, Calif. KWIO Moses Lake, Wash.	580 1580 1260	KYSS Missoula, Mont, KYUK Bethel, Ark.	930 580	WAME	Pittsburgh, Pa. Venice, Fla.	860 1320	WBAM Barnwell, S.C. WBAX Wilkes-Barre, Pa. WBAY Green Bay, Wis. WBAZ Kingston, N.Y. WBBA Pittsfield, III. WBBB Burlington-Graham,	1360 1550
KWIQ Moses Lake, Wash, KWIV Douglas, Wyo, KWIX Moberly, Mo, KWIX Santa Ana, Callf, KWJJ Portland, Oreg, KWK St, Louis, Mo, KWK St, Louis, Mo, KWKG Clevis, N, Mex, KWKG Abilene, Tex, KWKW Pasadena, Callf, KWKW Pasadena, Callf, KWKW Des Moines, lowa			1230	WAMS	Wilmington, Del. Washington, Ind.	1380 1580	WBBA Pittsfield, III. WBBB Burlington-Graham,	1580
KWIZ Santa Ana, Calif. KWIJ Portland, Oreg.	1480 1080 1380	KYXI Oregon City, Ore. KZAK Tyler, Tex. KZBZ Odessa Tex	1330	WANA	Amory, Miss. Anniston, Ala, Wayneshura Pa	1580 1490 1580	WBBF Rochester, N.Y.	920 950 1230
KWKA Clevis, N. Mex, KWKC Ahilene, Tex.	680 1340	KZEE Weatherford, Tex. KZEY Tyler, Tex.	1220 690	WANL	Lineville, Ala. Annapolis, Md.	1540	WBBF Rochester, N.Y. WBBI Abingdon, Va. WBBI Biskely, Ga. WBBL Richmond, Va. WBBM Chicago, III. WBBO Forest City, N.C. WBBR Augusta, Ga. WBBR Travelers Rest, S.C.	1260 1480
KWKH Shreveport, La. KWKW Pasadena. Calif. KWKY Des Moines, Iowa	1130 130n 1150	KZIA Albuquerque, N.M. KZIP Amarillo, Tex.	1310	WANS	Anderson, S.C.	1280	WBBM Chicago, III. WBBO Forest City, N.C.	780 780 1340
KWLA Many, La.	1530 1240	KZOE Princeton. III. KZOL Farwell. Tex.	1490 1570	WANY	Pittsburgh, Pa. I Venice, Fla. I Venice, Fla. Wilmington, Del. Wilmington, Del. Washington, Ind. Amory. Miss. Anniston, Ala Waynesburg, Pa. Lineville, Ala. Annapolis, Md. Pineville, Ky. Anderson, S.C. Richmond, Va. Waynesboro, Va. Albany, Ky. Opplika, Ala. St. Augustine, Fla. Atlanta, Ga.	970 1390	WBBR Travelers Rest, S.C. WBBS Jacksonville, N.C.	
KWLG Wagoner, Okla, KWLM Willmar, Minn, KWMC Del Rio, Tex.	1530	KZON Santa Maria, Cal. KZOO Honolulu, Hawail	1210	WAOA	Opelika, Ala. St. Augustine, Fla.	1520	WBBT Lyons, Ga. WBBW Youngstows, Ohio	1340
KWM1 Ft. Dodge, lowa	1490 540 1400	KZOW Globe, Ariz. KZRK Ozark. Ark.	1460 1240 1540	WAOP	St. Augustine, Fla. Atlanta, Ga. Ostego, Mich. Vincennes, Ind. San Juan. P.R. Jacksonville, Fla. McComb, Miss. Birmingham.	980	WBBZ Portsmouth, N.H. WBBZ Pona City, Okla, WBCA Bay Minette, Ala	1380 1230 1110
KWNA Winnemucca, Ney. KWNO Winona, Minn. KWNS Pratt, Kans. KWNT Davenport, Iowa	1230 1290	KZUN Opportuni'y. Wash. KZYM Cape Girardeau, Mo.	630 1220	WAPA	San Juan. P.R. Jacksonville, Fla.	680 690	WBCB Levittown, Pa. WBCH Hastings, Mich.	1490 1220
KWOC Penler Plus Me	730 930	WAAA Winston-Salem, N.C.	980 1440	WAPL	Birmingham, Ala. Appleton, Wis, Avon Park, Fla.	1070	WBCI Williamsburg, Va. WBCK Battle Creek, Mich.	740 930
KWOE Clinton, Okla. KWON Bartlesville, Okla. KWOR Worland, Wyo. KWOS Jefferson City, Mo.	1320	WAAC Terre Haute, Ind, WAAM Ann Arbor, Mich.	1300	WAPK	Avon Park, Fla. Montgomery, Ala.	1390	WBBS Jacksonville, N.C. WBBT Lyons, Ga. WBBW Youngstews, Ohio WBBX Portsmouth, N.H. WBBZ Pona City, Okla, WBCA Bay Minette, Ala. WBCB Levittown, Pa. WBCH Hastings, Mich, WBCI Williamsburg, Va. WBCK Battle Creek, Mich, WBCM Bay City, Mich. WBCO Bucyrus, Ohio WBCU Union, S.C. WBCC Mass.	1440 1540 1460
		WAAO Andalusia Ala	1530	WAQY	Birmingham, Ala.	1220	WRFF Harvey III	1420 1570 1240
KWPC Muscatine, lowa	860 1450	WAAY Huntsville, Ala.	1550 850	WARB	Attleboro, Mass. Covington, La. Johnstown, Pa. Ware, Mass. Jasper, Ala. Abbeville, Ala. Hagerstown, Md. Scranton, Pa. Ft. Pierce, Fla.	730 1490	WBEL Elizabethton, Tenn, WBEL So, Beloit, III, WBERN Buffalo, N.Y. WBER Moneks Corner, S.C. WBET Breekton, Mass, WBER Beaufort, S.C. WBEV Beaufort, S.C. WBEV Beaufort, S.C. WBEV Beaufort, S.C. WBEV Beaufort, S.C. WBEN Beaufort, S.C. WBER Chillicothe, Ohlo WBFD Bedford, Pa. WBFD Woodbury, Tenn, WBFN Quitman, Miss. WBFJ Woodbury, Tenn, WBFN Quitman, Miss. WBCG Chipley, Fla. WBCS Slidell, La. WBMB Fitzgerald, Ga. WBMB Fitzgerald, Ga. WBMB Cartersville, Ga. WBMB Cartersville, Ga. WBMB Cartersville, Ga. WBMB MBMInmigham, Ala.	1380
KWPR Claremore, Okla. KWRC Woodhurn, Ore. KWRD Henderson, Tex.	940	WABC New York, N.Y.	770 1370	WARE	Ware, Mass. Jasper, Ala.	1250	WBER Moncks Cerner, S.C. WBET Brackton, Mass.	950 1460
KWRF Warren, Ark.	730 860	WABF Fairhope, Ala. WABG Greenwood, Miss,	1220	WARK	Hagerstown, Md. Scranton, Pa.	1490	WBEV Beaver Dam, Wis,	960 1430 1490
KWRG New Roads, La. KWRO Coquille, Oreg. KWRT Boonville, Mo.	1500 630	WABI Bangor, Maine	910	WARN	Ft, Pierce, Fla. Canonsburg, Pa.	1330 540	WBFD Bedford, Pa. WBFJ Woodbury, Tenn.	1310
KWSH Wewoka-Seminole.	1370 620	WABL Amite, La.	1280	WART	Moulton, Ala. Peru, Ind.	1530	WBFN Quitman, Miss. WBGC Chipley, Fla. WBGN Bowling Green, Kv.	1500 1240 1340
	1260	WABO Waynesboro, Miss. WABO Cleveland, Ohio	990 1540	WARV E. G	Seranton, Pa., Ft. Pierce, Fla., Canonsburg, Pa., Warrenton, N.C., Moulton, Ala, Peru, Ind., Warwick-reenwich, R.I., Havre de Grace, Md. Spartanhurg, S.C., Lafayette, Ind., Brownsville, Pa.	1590	WBGS Stidell, La. WBHB Fitzgerald, Ga.	1560
KWSU Pullman, Wash, KWTC Barstow, Callf.	1250 1230	WABU Cleveland, Ohlo WABR Winter Park, Fla. WABT Tuskegee, Ala. WABY Abbavitte, S.C. WABY Albamy, N.Y.	580 1590	WASC	Spartanhurg, S.C. Lafayette, Ind.	1530 1450	WBHC Hampton, S.C. WBHF Cartersville, Ga. WBHM Birmingham, Ale.	1270 1450 1550
KWTO Springfield, Mo. KWTX Waco, Tex. KWUN Concord, Cal.	1230	WARL Albemarie, N.C.	1010	WACD	Wolfeboro, N.H.	1420	WBHN Bryson City, N. C. WBHP Huntsville, Ala.	1590 1230
KWVR Enterprise, Oreg. KWWL Waterloo, Iowa KWXY Cathedral City, Cal.	1480 1340 1330	WACE Chicopee, Mass.	1380 730	WATE	Boone, N.C. Gaylord, Mich, Knoxville, Tenn, Athens, Ohio	900 620	WBHT Brownsville, Tenm. WBIA Augusta, Ga. WBIB Centreville, Ala.	1520 1230 1110
KWYN Wynna Ark	1340 960	WACK Newark, N.Y.	1300 1420	WATH	Athens, Ohio Indianapolis, Ind.	970 810	WBIE Marietta, Ga. WBIG Greensbore, N.C.	1080
KWYO Sheridan, Wyo, KWYR Winner, S.Dak,	1400 1410 1260	WACO Waco, Tex. WACR Columbus, Miss.	1460 1050	WATM	Atmore, Ala. Watertown, N.Y.	1590 1240	WBIP Booneville, Miss. WBIR Knoxville, Tenn. WBIS Bristol. Conn.	[400 [240 [440
KWYO Sheridan, Wyo, KWYR Winner, S.Dak, KWYS W. Yellowstone, Mont. KWYZ Everett, Wash. KXA Seattle, Wash. KXAR Hone Ark.	920 1230	WACT Tuscaloosa, Ala, WACX Austell, Ga,	1420 1600	WATE	Attens. Unio Indianapolis, Ind. Antigo. Wis. Atmore, Ala. Watertown, N.Y. Oak Ridge. Tenn. Marion, S.C. Waterbury. Conn.	1290 1430	WBHT Brownsville, Tenn. WBHA Aupusta, Ga. WBHB Centreville, Ala. WBHG Marietta, Ga. WBHG Greensboro, N.C. WBHP Booneville, Miss. WBHR Knoxville, Tenn. WBHS Bristol, Conn. WBHS Alexanderd, Ind. WBHS Bedford, Ind. WBHS Jacksonville Beach,	1470 1340
KXEL Waterloo, lows	1490 1540	WADD Brockport, N.Y.	1390 1560	WATS	Waterbury, Conn. Sayre. Pa. Cadillac. Mich. Birmingham. Ala. ' Ashland. Wis. Alpena, Mich. Auburn. N.Y.	960 1240	WBIX Jacksonville Beach, Fla. WBIZ Fau Claire Wis	1010 1400
KXEO Mexico, Mo.			1210 1540	WATW	Birmingham, Ala. Ashland, Wis.	900	WBJM Lemmon, S. D. WBKC Chardon, O.	1400 1560
KXEW Tueson, Ariz. KXEW Tueson, Ariz. KXEX Fresno, Calif. KXGN Glendive. Mont.	1600 1550	WADO NEW TOIK, M.T.	1280	11700	Augurn, N. I.	1590 1310	WBIA Jacksonville Beach, Fla, WBIZ Eau Claire, Wis, WBIM Lemmon, S. D. WBKC Chardon, O. WBKH Hattiesburg, Miss. WBKN West Bend, Wis. WBKN West Bend, Wis.	950 1410 1470
KXGN Glendive, Mont. KXGI Ft. Madison, lowa	1400 1360	WADS Ansonia, Conn. WAEB Allentown, Pa.	690	WAUD	Auburn, Ala. Augusta, Ga.	1230 1050	WBLA Elizabethtown. N.C. WBLC Lenoir City, Tenn. WBLE Batesville, Miss. WBLF Bellefonte, Pa. WBLG Lexington, Ky. WBLJ Datton, Ga.	1440
KXIC lowa City, lowa KXIT Dalhart, Tex. KXIV Phoeniy Ariz	800 1410	WAEL Mayaguez, P.Ries WAEW Crossville, Tenn.	600 1330	WAVA	Arlington, Va. Warner Robins Ga	780 1350	WBLE Batesville, Miss. WBLF Bellefonte, Pa.	129 0 970
KXJK Forrest City, Ark,	950 1520	WAFI Middlesboro, Ky. WAGC Centre, Ala.	900 1560	WAVE	Louisville, Ky. Dayton, Ohio	970 1210	WBLG Lexington, Ky, WBLJ Dalton, Ga. WBLO Evergreen, Ala.	1300 1230 1470
KXL Portland, Oreg. KXLE Ellensburg. Wash, KXLF Butte, Mont.	750 1240	WAEB Allentown, Pa. WAEL Mayaguoz, P.Rico WAEW Crossville, Tenn, WAFG Staunton, Va. WAFI Middlesboro, Ky. WAGC Centre, Ala. WAGE Cessburg, Va. WAGE Dothan, Ala. WAGG Fanklin, Tenn, WAGG Laneaster, S. C. WAGM Menominee, Mich, WAGO Menominee, Mich, WAGO Menominee, Mich,	1290 1320	WAVE	Wauchula, Fla, Auburn, Ala, Auburn, Ala, Augusta, Ga. Waukesha, Wis, Arlington, Va. Warner Robins, Ga. Loulsville, Ky. Dayton, Ohio Apollo, Pa. Stillwater, Minn, Avondale Estates, Ga. Ft. Lauderdale, Fla. Albertville, Ala	910 1220	WBLO Evergreen, Ala, WBLR Batesburg, S.C. WBLT Bedford, Va, WBLU Salem, Va, WBLW Royston, Ga, WBLY Springfield, Ohio WBMA Beaufort, N.C., WBMC MCMinnville, Tenn, WBMD Baltimore, Md, WBME Belfast, Me, WBMI San Juan, P. R.	1430 1350
KXI R Little Book A-b	1370 1230 1150	WAGL Lancaster, S. C.	950 1560 950		Ft. Lauderdale, Fla. Albertville, Ala.	1190	WBLU Salem, Va. WBLW Royston, Ga.	1480 810 1600
KXLY Spokane, Wash.	1320 920	WAGN Menominee, Mich. WAGO Oshkosh, Wis.		WAVZ WAWA	New Haven, Conn. West Allis, Wis.	1300 1590	WBMA Beaufort, N.C.	1400 980 750
KXO El Centro, Calif. KXOK St. Louis, Mo. KXOL Ft. Worth, Tex.	1230 630	WAGR Lumberton, N.C. WAGS Bishopyllle, S.C.	580 1380	WAWK	(Kendaliville, Ind. Zarephath, N.J.	1380	WBMD Baltimore, Md. WBME Belfast, Me.	750 1230
KXOW Hot Springs, Ark,	1420	WAGY Forest City, N.C. WAHT Annville-Cleona, Pa- WAIK Gainesburg, III.	1510 1510	WAXU	Georgetown, Ky.	1580 1150	WBME Belfast, Me. WBMJ San Juan, P. R. WBMK West Point, Ga. WBML Macon, Ga. WBMS Black Mountain, N.C.	1310
KXRA Alexandria, Minn.	1490	WAIL Baton Rouge, La.	1260	WAYB	Waynesboro, Va.	1490	WBMS Black Mountain, N.C.	1350

WHITE'S D

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Call Location	kHz
WBNC Conway, N.H. WBNL Boonville, Ind, WBNO Bryan, Ohio	1050
WBNO Bryan, Ohio WBNR Beacon, N.Y. WBNS Columbus, Ohio WBNT Oneida, Tenn. WBNX New York, N.Y. WBOS Galax, Va. WBOC Salisbury, Md. WBOK New Orleans, La. WBOL Bollvar, Tenn, WBOO Baraboo, Wis.	1520 1260 1460
WBNT Oneida, Tenn, WBNX New York, N.Y, WBOR Galay Va	1310 1380 1360
WBOC Salisbury, Md. WBOK New Orleans, La.	960 1230 1560 740
WBOD Baraboo, Wis. WBOP Pensacola, Fla.	740 980
WBOK New Orleans, La. WBOL Bollvar, Tenn. WBOD Baraboo, Wls. WBOP Ponsacola, Fla. WBOW Terre Haute, Ind. WBOX Bogalusa, La. WBOY Clarksburg, W.va. WBPZ Lock Haven, Pa. WBRB Mt. Clemens, Mich. WBRC Birmingham, Ala. WBRD Bradenton, Fla. WBRE Mikes-Barre. Pa. WBRG Lynchburg, Va. WBRI Indianapolis, Ind.	980 1230 920
WBPZ Lock Haven, Pa. WBRB Mt, Clemens, Mich.	1400 1230 1430 960 1420
WBRB Mt. Clemens, Mich, WBRC Birmingham, Ala, WBRC Birmingham, Ala, WBRB Exadenton, Fla, WBRG Lynchburg, Va. WBRI Indianapolis, Ind. WBRS Marietta. O, WBRK Pittsfield, Mass. WBRL Berlin, N.H. WBRM Marion, N.C. WBRM Big Rapids, Mich. WBRT Bardstown, Ky.	960 1420
WBRG Lynchburg, Va. WBRI Indianapolis, Ind.	1340 1050 1500
WBRK Pittsfield, Mass. WBRL Berlin, N.H.	910 1340 1400 1250
WBRM Marion, N.C. WBRN Big Rapids, Mich.	1250 1460 1320 1310
WBRO Waynesboro, Ga. WBRV Boonville, N.Y.	1310
WBRO Waynesboro, Ga. WBRV Boonville, N.Y. WBRW Somerville, N.J. WBRX Berwick, Pa. WBSA Boaz, Ala. WBSC Bennetsville, S.C.	900 1170 1280
WBSC Bennetsville, S.C. WBSG Blackshear, Ga.	1300 1550 1350
WBSM New Bedford, Mass, WBSR Pensacola, Fla. WBT Charlotte, N.C.	1420 1450 1110
WBTA Batavia, N.Y. WBTC Uhrlehsville, O.	1490 1540 990
WBTH Williamson, W.Va. WBTM Danville, Va.	1400 1330 1370
WBTN Bennington, Vt. WBTO Linton, Ind. WBTS Bridgenort Ala	1370 1600 1480
WBUC Buckhannen, W.Va. WBUD Trenton, N.J.	1460 1260 1430
WBRG Lynchburg, Va. WBRG Indianapolis, Ind. WBRG Indianapolis, Ind. WBRI Indianapolis, Ind. WBRI Marietta, O WBRK Pittsfield, Mass. WBRI Berlin, N.H. WBRM Marion, N.C. WBRN Big Rapids, Mich. WBRT Bardstown, Ky. WBRO Waynesboro, Ga. WBRV Boonville, N.Y. WBRN Boonville, N.Y. WBRN Boonville, N.Y. WBRN Boonville, N.C. WBRS Bennetsville, N.C. WBRS Bennetsville, S.C. WBSG Blackshear, Ga. WBSG Blackshear, Ga. WBSG Blackshear, Ga. WBSG Blackshear, Ga. WBSG Blackshear, Ga. WBSG Blackshear, Ga. WBSG Blackshear, Ga. WBSG Blackshear, Ga. WBSG Blackshear, Ga. WBSG Blackshear, Ga. WBSG Blackshear, Ga. WBSG WBSG Blackshear, Ga. WBSG WBSG WBSG WBSG WBSG WBSG WBSG WBSG	
WBUY Lexington, N.C. WBUZ Fredonia, N.Y. WBVM Illica N.Y.	1570 1440 1570 1550 1230
WBVP Beaver Falls, Pa. WBYB St. Pauls, N.C.	
WBYE Calera, Ala. WBYS Savannah, Ga. WBYS Canton, III. WBZ Boston, Mass.	1370 1450 1560
W81 Boston, Mass. W82A Gtens Falls, N.Y. W82B Selma, N.C. W82Y New Castle, Pa. WCAB Butherfordton, N.C. WCAI Fort Myers, Fia. WCAL Northfield, Minn, WCAM Camden, N.J. WCAO Baltimore, Md. WCAP Lowell, Mass. WCAI Cambridge, Mass, WCAT Orange, Mass, WCAT Urange, Mass, WCAT Urange, Mass, WCAT Urange, Mass,	1560 1030 1410
WBZY New Castle, Pa. WCAB Rutherfordton, N.C.	1090 1140 590
WCAI Fort Myers, Fla. WCAL Northfield, Minn. WCAM Camden, N.J.	1350 770 1310
WCAP Lowell, Mass.	600 980
WCAS Cambridge, Mass. WCAT Orange, Mass.	740 1390 1210
WCAT Orange, Mass, WCAU Philadelphia, Pa, WCAW Charleston, W.Va, WCAY Cave S.C.	680 620
WCAU Philadelphia. Pa. WCAW CAN Charleston, W.Va. WCAY Cayce, S.G., W.Va. WCAY Carthage, III. WCBA Corning, N.Y. WCBG Chambersburg, Pa. WCBI Columbus, Miss. WCBK Martinsville, Ind. WCBL Benton, Ky. WCBM Baltimore, Md. WCBR Richmond, Ky. WCBM Baltimore, W	
WCBG Chambersburg, Pa. WCBI Columbus, Miss. WCBK Martinsville, Ind.	1350 1590 550 1540 1290
WCBL Benton, Ky. WCBM Baltimore, Md.	880
WCBS New York, N.Y. WCBT Roanoke Rapids, N.C.	880 1230 1130
WCBX Eden. N.C. WCBY Cheboygan, Mich.	1130 1240 1290
WCBY Cheboygan, Mich. WCCC Hartford, Conn. WCCF Punta Gorda. Fla. WCCM Lawrence, Mass. WCCN Neillsville, Wis, WCCO Minnerality St. Park	1580
Min-	1370 830
Minn. WCCP Clemson, S.C. WCCR Urbana, III.	1560
WCCW Traverse City, Mich. WCDJ Edenton, N.C. WCDL Carbondale, Pa.	1310
winn. WCCP Clemson, S.C. WCCR Urbana, III. WCCW Traverse City, Mich. WCDJ Edenton, N.C. WCDL Carbondale, Pa. WCDQ Hamden, Conn. WCDS Glasgow, Ky. WCDT Winchester, Tenn.	1440 1220 1440
82	1340

Call	Location
WCEC	Rocky Mount, N.C. DuBois, Pa. Parkersburg, W.Va.
WCEC WCEFH WCEEN WCFFR WCFFR WCGGO	Parkersburg, W.Va. Hawkinsville, Ga.
WCEN	Mt. Pleasant, Mich.
WCFL	Chicago, III. Springfield, Vt.
WCFV	Pastillo, P. R.
WCGO	Chicago Hghts., III. Canandaigua, N.Y.
WCHA	Chambersburg, Pa, Inkster, Mich.
WCHI	DuBois, Pa. Parkersburg, W. Va. Hawkinsville, Ga. Cambridge, Md. Mt. Pleasant. Mich. Chicago, III. Springfield, Vt. Clifton Forge, Va. Pastillo, P. R. Belmont, N.C. Clifton Forge, Va. Pastillo, P. R. Belmont, N.C. Chicago Hints. III. Canandaigua, N. V. Chambersburg, Pa. Inkster, Mich. Westehsster, Pa. Chillicothe, Ohlo. Brookhaven. Miss. Canton, Mis. Cannon, P.R. Carbendale, III. Charleston, W. Va. Charlottesville, Va. Juncos, P.R. Carbendale, III. Cineinnati, Ohlo Beckley, W. Va. Moss Polint, Miss. Lima. Ohlo Clawind, Miss. Dunn, N.C. Ishpenning, Mich. Greer, S.C. Catskill, N.Y. Winnsboro, S.C. Cineinnati, Ohlo Claxton, Ga. Camilla, Ga. Jamestown, Tenn. Cleveland, Tenn. Cleveland, Miss. Cleveland, Tenn. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Tenn. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Cleveland, Miss. Commbus, Ga. Ashland, Ky. Arecibo, P.R. Pine City, Minn. Elkhart, Ind. Norfolk, Va. Martin, Tenn. Cottawa, III. Connersville, Ind. Elkhart, Ind. Norfolk, Va. Martin, Tenn. Cottawa, III. Connersville, Pa. Sparta, N.C. Codumbus, Ohlo Corrella, Ga. Boston, Mass. Lebanon, Tenn. Columbia, S.C. Lewiston, Maine Montgomery, Ala,
WCHK	Canton, Ga. Chapel Hill, N.C.
WCHO	Washington Court
WCHS	Camuy, P.R. Charleston, W.Va.
MCHA	Charlottesville, Va. Juncos, P.R. Carbondale, III
WCIN	Cincinnati. Ohlo Beckley, W. Va.
WCIS	Moss Point, Miss. Lima, Ohio
WCKB	Dunn, N.C. Ishpenning, Mich.
WCKI	Greer, S.C. Catskill, N.Y.
WCKY	Cineinnati, Ohio
WCLB	Camilla, Ga. Jamestown, Tenn.
WCLE	Cleveland, Miss, Cleveland, Tenn.
WCLG	Morgantown, W.Va. Corning, N.Y.
WCLS	Columbus, Ga. Newark, Ohio
WCLW	Covington, Ky. Mansfield, O.
WCMB	Harrisburg, Pa.
WCME	Brunswick, Maine Ashland, Ky.
WCMP	Pine City, Minn.
WCMS	Norfolk, Va. Martin, Tenn,
WCMY	Ottawa, III. Connersville, Ind. Elizabeth City, N.C.
WCND	Shelbyville, Ky.
WCNL	Newport, N. H. Bloomsburg, Pa.
WCNU	Crestview, Fla. Fairfield, O.
WCOA	Pensacola, Fla, Meridian, Miss.
WCOF WCOG	Immokalee, Fla. Greensboro, N.C.
MCON MCON	Newnan, Ga, Coatesville, Pa. Sparta, N.C.
WCOOK WCOOK WCOOK WCOOK WCOOK WCOOK WCOOK WCOOK WCOOV WCOOW	Columbus, Ohio Cornelia, Ga.
WCOP	Boston, Mass. Lebanon, Tenn.
WCOV	Lewiston, Maine Montgomery, Ala, Sparta, Wis.
WCPA	Sparta, Wis. Camden, Ala. Columbia, Pa. Clearfield, Pa. Houston, Miss. Etowah, Tenn. Chesapeake, Va. Cumberland, Ky.
WCPH WCPK	Etowah, Tenn. Chesaneake, Va.
WCPM WCPR	Cumberland, Ky. Coamo, P. R.
WCPS	Larboro, N.C. Effingham, III. Waltham Mass
WCRE WCRI	Cheraw, S.C. Cheraw, S.C. Scottsboro, Ala. Morristown, Tenn, Oneonta, Ala.
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Chesapeake. Va. Cumberland, Ky. Coamo. P. R. Tarboro, N.C. Effingham, III. Waitham, Mass. Cheraw, S.C. Scottsboro, Ala. Morristown, Tenn, Oneonta, Ala. Johnstown, Pa. Greenwood, S.C.
WCRS	Greenwood, S.C. Birmingham, Ala.
WCRV WCRW	Jonnstown, Pa. Greenwood, S.C. Birmingham, Ala. Washington, N.J. Chicago, Ill. Macon, Ga. Ripley, Mass. Charleston, S.C. Portland, Maine Columbus, Ind.
WCRY	Macon, Ga. Ripley, Mass.
WCSH WCSI	Portland, Maine Columbus, Ind.
WCSL	Columbus, Ind. Morris, III. Cherryville, N. C.

kHz	Call Location	kHz	Call Location
810 1420 1050	WCSM Celina, Ohio WCSR Hillsdale, Mich. WCSS Amsterdam, N.Y.	1350 1340 1490	Call Location WDXE Lawrenceburg, Tenn. WDXL Lexington, Tenn. WDXL Lexington, Tenn. WDXN Clarksville, Tenn. WDXN Puducah, Ky. WDXY Buford, Ga. WDX Buford, Ga. WDZ Decatur, III. WEAB Greer, S.C. WEAG Afooa. Tenn. WEAG WEAG. WEAM Providence, R.I. WEAG Savannah, Ga. WEAN Providence, R.I. WEAG WEAS Savannah, Ga. WEAT W. Palm Beach, Fla. WEAG Veranston, III. WEBB Baltimore, Md. WEBB WEATIShurg, III. WEBB Baltimore, Md. WEBG Weynston, Ala. WEBG Weynston, Ala. WEBG Weynston, Ala. WEBG Galloun, Ga. WEBG Saddy, Tenn. WEOD Warthurg, Tenn. WEOD Cathago, Miss. WECO Warthurg, Tenn. WEOD Gallago, Miss. WECO Warthurg, Tenn. WEOD Gallago, Miss. WECO Warthurg, Tenn. WEOD Gallago, Miss. WEED Rocky Mount, N.C. WEEN Rocky Mount, N.C. WEEN Rocky Mount,
610 1240 1150	WCST Berkeley Springs, W.Va. WCSV Crossville, Tenn.	1010 1520	WDXN Clarksville, Tenn, WDXR Puducah, Ky, WDXY Sumter, S.C.
1000	WCTA Andalusia, Ala.	940	WDYX Buford, Ga. WDZ Decatur, III.
1480	WCTC New Brunswick, N.J. WCTM Eaton, Ohio	1130	WEAB Greer, S.C. WEAC Gaffney, S. C.
1050	WCTR Chestertown, Md. WCTT Corbin, Ky.	1530 680	WEAG Alcoa, Tenn. WEAL Greensboro, N.C.
1600	WCTW New Castle, Ind. WCUB Manitowoc, Wis.	1550 980	WEAM Arlington, Va.
800	WCUE Cuyahooa Falls, Ohio	850	WEAQ Eau Claire, Wis,
1520	WCVA Culperer Va	1230	WEAT W. Palm Beach, Fla.
1470	WCVI Connellsville, Pa.	1340	WEAW Evanston, III.
1360	WCVP Murphy, N.C.	600	WEBC Duluth, Minn.
970	WCVS Springfield, Ill.	1450	WEBO Owepo, N.Y.
1360	WCWA Toledo, O. WCWC Ripon, Wis.	1600	WEBR Buffalo, N.Y.
580 1260	WCWR Dunedin, Fla. WCYN Cynthiana, Ky,	1470	WEBS Calhoun, Ga. WEBY Milton, Fla.
1460	WDAD Indiana, Pa.	1450	WECL Eau Claire, Wis,
1480	WDAF Kansas City, Mo,	610 540	WECP Cathage, Miss.
940	WDAL Moridian, Miss,	1330	WEDG Soddy, Tenn.
1450	WDAR Darlington, S.C.	1350	WEEB Southern Pines, N.C.
970	WDAT Ormond Beach, Fla.	1380	WEEO Waynesborn, Pa.
560	WDAY Fargo, N. Dak.	970	WEEF Highland Park, III.
1530	WDBC Escanaba, Mich. WDBF Delray Beach, Fla.	1420	WEEL Fairfax, Va. WEEN Lafayette, Tenn.
1220	WDBL Springfield, Tenn. WDBM Statesville, N.C.	1590 550	WEEP Pittsburgh, Pa. WEER Warrenton, Va.
1260	WDBO Orlando, Fla. WDBQ Dubuque, lowa	58n 149^	WEET Richmond, Va.
1570	WDCF Dade City, Fla,	1350	WEEW Washington, N.C.
1450	WDDY Greenvile, Miss.	900	WEEZ Chester. Pa.
1580	WDEA Ellsworth, Me.	1370	WEGG Rose Hill. N.C.
1320	WDEC Americus, Ga.	1200	WEGO Concord, N.C. WEGP Presque Isle, Maine
1230	WDEF Chattanonga, Tenn.	1370	WEHH Elmira Heights- Horseheads, N.Y,
1480	WDEH Sweetwater, Tenn. WDEL Wilmington, Del.	1150	WEIC Charleston, III. WEIF Moundsville, W. Va.
1340	WDEN Macon, Ga. WDEV Waterbury, Vt.	1500 550	WEIM Fitchburg, Mass. WEIR Weirton, W.Va
1280	WDEW Westfield, Mass, WDGL Douglasville, Ga.	1570	WEIS Centre, Ala.
1270	WDGY Minneapolls, Minn, WDIA Memphis, Tenn.	1130	WEKG Jackson, Ky,
1410	WDIC Clincheo, Va.	1430	WEKR Fayetteville. Tenn.
1580	WDIX Orangeburg, S.C.	1150	WEKZ Monroe, Wis.
940	WDJZ Bridgoport, Conn.	1530	WELC Welch, W.Va.
1010	WDKN Dickson, Tenn.	1260	WELE S. Daytona, Fla.
1010	WDLC Port Jervis, N.Y.	490	WELI New Haven, Conn.
1150	WOLR Delaware, Ohio	1550	WELK Charlottesville, Va. WELM Elmira, N.Y.
910	WDLM E. Moline, III. WDLP Panama City. Fla.	960 590	WELO Tupelo, Miss. WELP Easley, S.C.
1490 1320	WDLT Indianola, Miss. WDME Dover-Foxeroft, Me.	1380 1340	WELR Roanoke, Ala. WELS Kinston, N.C.
1400	WDMG Douglas, Ga. WDMJ Marquette, Mich.	860 1320	WELV Ellenville, N.Y. WELW Willoughby, O.
1060	WDMP Dodgeville, Wis. WDMV Pocomoke City, Md.	810 540	WELX Xenia, O. WELY Fly Minn
1450	WDNC Durham, N.C.	620	WELZ Belzoni, Miss.
900	WDNG Anniston, Ala.	1450	WEMD Easton, Md.
1240	WDOC Prestonsburg, Ky.	1310	WEMP Milwaukee, Wis.
1290	WDOE Dunkirk, N.Y.	1410	WEND Ebensburg, Pa.
1540	WDOL Athens, Ga. WDON Wheaton, Md,	1459 1470	WEND Ebensburg, Pa. WENE Endicott. N.Y. WENG Englewood. Fla. WENK Union City, Tenn. WENN Birmingham. Ala.
900 940	WDON Wheaton, Md, WDOR Sturgeon Bay, Wis, WDOS Oneonta, N.Y.	1540 910	WENG Englewood, Fig. WENK Union City, Tenn. WENN Birmingham, Ala.
1220 1600	WDOR Sturgeon Bay, Wis. WDOS Oneonta, N.Y. WDOV Dover, Del, WDOV Dover, Del, WDOT Burlington, Vt, WDOW Dowagiae, Mich, WDON DuQuoin, Itl. WDRC Hartford, Conn.	730 1410	WENK Union City, Tenn, WENN Birmingham. Ala. WENO Madison, Tenn. WENT Englewood, Tenn. WENT Gloversville, N.Y. WENY Elmira, N.Y. WENZ Highland Springs,
1280 1450	WDOT Burlington, Vt.	1400	WENT Gloversville, N.Y. WENY Elmira, N.Y. WENZ Highland Springs,
760 1090	WDOW Downgrac, Mich. WDON DuQuoin, III. WDRC Hartford, Conn. WDSC Dillen, S.C.	1580	WENZ Highland Springs,
1330 1420	Which silling silling silling	1360 800	
1050	WDSG Dyersburg, Tenn. WDSK Cleveland, Miss.	1450 1410	WEOK Pounkeensie, N.Y. WEOL Elyria. Ohio WEPG S. Pittshurgh, Tenn. WEPM Martinsburg. W.Va. WFRA Plainfield. N.I.
1150 1570 1230	WDSK Cleveland, Miss. WDSL Mocksville, N. C. WDSM Superior, Wis.	1520 710	WEPM Martinsburg, W.Va. WEPA Plainfield, N.J. WERD Atlanta. Ga.
1450	WDSR Lake City, Fla. WDSU New Orleans, La. WDTM Selmer, Tenn.	1340 1280 1130	
1260 1580	WDTM Selmer, Tenn. WDUN Gainesville, Ga. WDUX Waupaca, Wis,	1130	WERE Cleveland, Oblo WERH Hamilton, Ala. WERI Westerly, R.I. WERK Muncie, Ind.
900	WDUX Waupaca, Wis, WDUZ Green Bay, Wis, WDVA Danville, Va.	800	WERK Muncle, Ind. WERL Eagle River, Wis.
1260 1390	WDSK Cleveland, Miss, WDSL MocksvIlle, N. C. WDSM Superior, Wis, WDSR Lake City, Fla, WDSU Lake City, Fla, WDSU New Orleans, La, WDTM Selmer, Tenn, WDUN Gainesville, Ga, WDUX Waupaca, Wis, WDVX Danville, Va, WDVA Danville, Va, WDVH Gainesville, Fla, WDVL Vineland, N.J. WDWD Dawson, Ga	1400 1250 980	WERT Van Wert, Ohio
070	WDVL Vineland, N.J.	1270	WESA Charlerof, Pa.
1550	WDVH Gainesville. Fig. WDVL Vineland, N.J. WDWD Dawson, Ga. WDWS Champaign, III. WDXB Chattanooga, Tenn.	990 1400	WERK Muncle, Ind. WERK Muncle, Ind. WIS, WERT Leagle River, WERT Van Wert, Ohlo WERX Wyoming, Mich, WESA Charlerof, Pa. WESB Bradford, Pa. WESG Greenville, S.C. WESO Southbridge, Mass.
1990	WUKB Unattanooga, Tenn.	1490	WESU Southbridge, Mass.

kHz

Call	Location	kHz	Call			Call				Location	kHz
WESR T	Tasley, Va. Easton, Pa.	1330 1400	WFTG WFTL	London, Ky. Ft. Lauderdale, Fla.	1400 1400	WGTX Fla.	DeFuniak Springs, New Port Richey, Fla. Atlanta-Decatur,	1280	WHOW	Houlton, Maine Clinton, III.	1340 1520
WESX S	Salem, Mass. Leland, Miss. Johnson City, Tenn.	1230 1580	WETN	Maysville, Ky. Franklin, N.H.	1240	WGUL	New Port Richey, Fla. Atlanta-Decatur,	1500	WHOY	Salinas, P. R. larrisburg, Pa.	1210 580
WETC V	Salem, Mass. Leland, Miss. Johnson City, Tenn. Vendell-Zebulon, N.C. DeLand, Fla. Decan City, Md. Wetumpka, Ala. Jew Martinsville. Virginia	. 540 1490	WFTR	Front Royal, Va. Ft. Walton Beach.	1450	WGUS WGUY	New Port Michael Port New York Augusta, S.C. Bangor, Maino Greevalle, Maino Greevalle, Maino Greevalle, Maino Ala. Asheboro, N.C. Schenectady, N.Y. Greenville, Ala. Madison, Wis. Halfway, Md. Greenfield, Mass. Rogers City, Fla. Hopewell, Va. Clarksburg, W.Va. Louisville, Ky. Philadelphia, Pa. Haverhill, Mass. Weston, W.Va. Louisville, Ky. Philadelphia, Pa. Haverhill, Mass. Weston, W.Va. Troy, N.Y. Kansas City, Mo. Selma, Ala. Canton, Ohio Gok Island, III. Harrisonburg, Va. Sheboygan, Wis. Harrodsburg, Ky. Tampa, Fla. Memphis, Tenn. Anderson, Ind. Appleton, Wis. C.	1380 1250	WHPE	High Point, N.C. Winchester, Va.	1390 1 07 0 610
WETU V	Deean City, Md. Wetumpka, Ala.	1590 1250	Fla. WFUL	Fulton, Ky,	1260 1270	WGVA	Geneva, N.Y. Greenville, Miss.	1240 1260	WHRF	Riverhead, N.Y. Hartselle, Ala.	1570 860
WETZ N	lew Martinsville. Virginia	1330	WFUN	Miami, Fla. Grand Rapids, Mich.	790 1570	WGWC	Selma, Ala. Asheboro, N.C.	1340	WHSC	Hartsville, S.C. Wilmington, N.C.	1450 1490
WEUCI	Ponoe, P.R. Huntsville, Ala. Emperia Va	1600	WEWE	Camden, Tonn.	1220	WGYV	Greenville, Ala.	1380	WHSM	Hayward, Wis. Hattiesburg, Miss.	910 1230 1450
WEVE I	virginia Ponoe, P.R. Huntsville, Ala. Emporia, Va. New York, N.Y. Eveleth, Minn. River Falls, Wis.	1330 1340	WFYC	Alma, Mich. Cedartown, Ga,	1280 1340	WHAG	Halfway, Md. Greenfield, Mass.	1410 1240	WHTG	Eatontown, N.J. Heath, O.	1410
WEVR I	River Falls, Wis. t. Louis, Mo.	1550 770	WGAC	Augusta, Ga. Gadsden, Ala.	580 1350	WHAK	Rogers City, Mich. Shelbyville, Tenn.	960 1400	WHUE	Cookeville, Tenn. Hudson, N.Y.	1400 1230
MEXT I	t, Louis, Mo. Laurinburg, N.C. Royal Oak, Mich. W. Hartford, Conn. Dakland Park, Fla.	1340	WGAI	Elizabeth City, N.C.	560	WHAN	Haines City, Fla.	930	WHUN	Reading, Pa. Huntingdon, Pa.	1240 1150 1470
WEXY WEYE	Dakland Park, Fla.	1520	WGAN	Portland, Maine Maryville, Tenn.	560 1400	WHAR	Clarksburg, W.Va. Louisville, Ky.	1340 840	WHYE	Hendersonville, N.C.	1600 1280
WEZE I	Sanford, N.C. Talladega, Ala. Boston, Mass.	1580 1260	WGAR	Cleveland, Ohio Gate City. Va.	1220 1050	WHAT	Philadelphia, Pa. Haverhill, Mass.	1340 1490	WHVW	Hyde Park, N.Y. Rutland, Vt.	950 1000
WEZJ W	Villiamsburg, Ky. Villiamsburg, Ky. Vinfield, Ala. Cocoa, Fla. Dallas, Tex.	1440 1300	WGAU	Athens, Ga. Gardner, Mass.	1340	WHAV	Troy, N.Y.	1330	WHWH	Princeton, N.J. Columbus, Ga.	1350 1270
	Dallas, Tex.	570	WGBC	Gate City, Va. Athens, Ga. Gardner, Mass. Freeport, N.Y. Chipley, Fla. Evansville, Ind. Greensboro, N.C.	1240	WHBB	Selma, Ala.	1490 1480	WHYN	Springfield, Mass.	960 560 1530
WFAB WFAD	Miami, Fla. Middlebury, Vt. Farmville, N.C. Alliance, Ohio	990	WGBG WGBI	Greensboro, N.C. Scranton, Pa.	1400 910	WHBF	Rock Island, III. Harrisonhurg, Va.	1270 1360	WHYT	Noblesville, Ind. Greenville, S. C.	1110
WFAG WFAH	Farmville, N.C. Alliance, Ohio	1250 1310	WGBR	Goldsboro, N. C. Miami, Fla.	710	WHBL	Sheboygan, Wis. Harrodsburg, Ky.	1330	WHZN	Hazleton, Pa. San Juan, P.R.	1300 740
WFAR I	ayetteville, N.C. Farrell, Pa.	1470	WGCD	Chester, S.C.	1490	WHEQ	Memphis, Tenn.	560 1600	WIBA	Williamston, N.C. Madison, Wis.	900 1310 1280
WFAU	ayetteville, N.C. Farrell, Pa. White Plains, N.Y. Augusta, Me. Ft. Atkinson, Wis. Falls Church, Va.	1340	WGCM	Gulfport, Miss. Geneva, Ala.	1240	WHBU	Anderson, Ind. Appleton, Wis.	1240 1230	WIBC	macon, Ga. Indianapolis, Ind. Philadolphia, Pa	1070 990
WFAX WFBA	Falls Church, Va. San Sebastion, P.R.	1220 1460	WGEE	Indianapolis, Ind. Quincy, III.	1590 1440	WHCC	Waynesville, N.C. Sparta, III.	1400	WIBM	Jackson, Mich. Warwick, N.Y.	1110
WFBF I	rans Charen, Va. San Sebastion, P.R. Greenville, S.C. Fernandina Beach,	1330	WGEZ	Gottysburg, Pa. Beloit, Wis.	1320	MHCD	Spartanburg, S.C. Ithaca, N.Y. Houghton Mich	870	WIBR	Baton Rouge, La. Poynette, Wis.	1300 1240
WFBG	Altoona, Pa. Syracuse, N.Y.	1290	WGFS	Covington, Ga. Gainesville, Ga.	1430	WHOL	Boston, Mass.	850 (450	WIBW	Macon, Ga. Indianapolis, Ind. Philadolphia, Pa. Jackson, Mich. Warwick, N.Y. Baton Rouge, La. Poynette, Wis. Belleville, Ill. Topeka, Kans. Utica, N.Y. Bridgeport, Conn, Providence, R.I. Norwich, Conn. Seranton, Pa.	1260 580 950
WFBM WFBR	Indianapolis, Ind. Baltimore, Md.	1260	WGGG WGGH	Gainesville, Fla. Marion, III.	1230 1150	WHEB	McKenzie, Tenn Portsmouth, N.H.	750	WICC	Bridgeport, Conn. Providence, R.I.	600 1290
WFBS S	Syracuse, N.T. Indianapolis, Ind. Baltimore, Md. Spring Lake, N. C. Winston-Salem, N. C. Flint, Mich.	1450 1550	WGGO	Salamanca, N.Y. Newport News, Va.	1590 1310	WHEE	Rochester, N.Y. Martinsville, Va.	1370	WICK	Norwich, Conn. Scranton, Pa.	1310 1400
WFDR WFEA	Manchester, Ga. Manchester, N. H	1370 1370	WGHN	Skowegan, Maine Grd. Haven, Mich.	1150	WHEN	Syracuse, N.Y. Stuart. Va.	620 1270	WICY	Salisbury, Md. Malone, N.Y.	1320 1490 1400
WFEB	riint, Mich. Manchester, Ga. Manchester, N.H. Sylacauga, Ala. Harrisburg, Pa. Marathon, Fla. Fitchburg, Masse	1340 1400	WGHQ	Kingston, N.Y. Xenia, O.	920 (500	WHER	Foley, Ata. Memphis, Tenn.	1310 1430	Wind	Norwich, Conn. Scanaton, Pa. Salisbury, Md. Malone, N.Y. Biddeford, Maine Elizabethton, Tenn. St. Ignace, Mich. Fayetteville, N.C. Elizabethtown, Ky.	1520 940
WFGL I	Marathon, Fla. Fitchburg, Mass. Gaffney. S.C. Black Mountains,	1300 960	WGIG	Brunswick, Ga. Galesburg, III.	1440	WHEX	Hogers City, Mich. Shebyville, Tenn. Rochester, N.Y. Haines City, Fla. Hopewell, Va. Clarksburg, W.Va. Louisville, Ky. Philadelphia, Pa. Haverhill, Mass. Tyers, N. Hosen, W.Va. Troy, N. Hosen, M.	1580	WIDU	Fayetteville, N.C. Elizabethtown, Ky.	1600 1400
WFGW N.C.	Black Mountains,	1570	WGIV	Charlotte, N.C.	1600	WHER	Portsmouth. N.H. Rochester, N.Y. Martinsville, Va, New Albany, Ind. Syracuse, N.Y. Stuart, Va. Foley, Ala. Memphis, Tenn. Columbia, Pa. Benton Harbor-St. h, Mich. Houghton L., Mich. Warren, Ohio Henderson, Tenn. Hornell, N.Y. Lucedale, Miss. Hilsville, Va. Montgomery, Ala. Hardinsburg, Kg. Griffin, Ga. Portsmouth, Va. Bay Springs, Miss. Medford, Mass. Providence, R.I. Gallatin, Tenn. Dayton, Ohio Mooresville, N.C. Danwille, Ky.	1290	WIFE	Fayetteville, N.C. Elizabethtown, Ky. Indianapolis, Ind. Auburn, Ind. Elkin, N.C. Wiggins, Miss. Medford, Wis. Atlanta, Ga. Gouverneur, N.Y.	1310 1570 1540
WEHK	Bristol, Va. Pell City, Ala. Wis. Rapids, Wis.	980 1430	WGKR	Perry, Fla. ort Wayne, Ind.	1310 1250	WHHM	Henderson, Tenn. Hornell, N.Y.	1580 1320	WIGG	Wiggins, Miss, Medford, Wis.	1420 1490
WEIG	Wis. Rapids, Wis. ouisville, Ky. ollinsville, Va.	900	WGLA	Port Wash., Wis.	1560	WHHY	Hillsville, Va.	1440	WIGO	Atlanta, Ga. Gouverneur, N.Y.	1340 1230
WFIF N	dilford, Conn. Sumter, S.C. Philadelphia, Pa.	1500 1500 1290	WGLI	Babylon, N.Y. Hollywood, Fla.	1290 1320	WHIE	Hardinsburg, Ky. Griffin, Ga.	1520	WILL	Garden City, Mich. lomestead, Fla.	1090 143 0 970
WFIL P	hiladelphia, Pa. indlay, Ohio	560 1340	WGMF	Watkins Glen, N.Y. Hinesville, Ga.	1500 990	WHIH	Portsmouth, Va. Bay Springs, Miss.	1400 1570	WIKE	Iron River, Mich. Booglusa, La.	1230 1490
WFIS F	Findlay, Ohio Findlay, Ohio Foanoke, Va. Countain Inn, S.C. Cissimmee Fla	960 1600	WGN	Chicago, III. Gastonia, N.C.	720 1450	WHIM	Providence, R.I.	1110	WIKE	Newport, Vt. Chester, Va.	1490 1410
WFIX H	Cissimmee, Fla. Fairfield, III, Luntsville, Ala.	1390	WGNE Beac	Panama City n. Fla.	1480	WHIP	Dayton, Ohio Mooresville, N.C.	1290 1350	WILS	Evansville, Ind. L. Louis, Mo.	820 1430 1580
WEKN	Franklin, Ky. Frankfort, Ky.	1220 1490	WGNP	Milmington, N.C. Indian Rocks Beach,	1450	WHIR	Danville, Ky. Bluefield, W.Va.	1440	WILD	Boston, Mass. Cambridge, Ohio	1090 1270 1400
WFLB I	Fayotteville, N.C.	1490 1070	WGNS WGNT	Murfreesboro, Tenn. Huntington, W.Va.	1450 930	WHIZ	Moulton, Ala. Zanesville, Ohio	1530 1240	WILK	Villimantic, Conn. Wilkes-Barre, Pa.	980 580
WFLN I	Fairfield, III, Iuntsville, Ala. Franklin, Ky. Frankfort, Ky. Iampa, Fla, Fayetteville, N.C. ookout Mtn., Tenn. Philadelphia, Pa. Farmville, Va, Dundeo, N.Y. redericksburg, Va.	900 870	WGNU	Granite City, 111. Newburgh, N.Y.	920 1220	WHIE	Greensburg, Pa. Matewan, W. Va.	620 1360	WILM	Wilmington, Del. Frankfort Ind.	1450 1570
WFLS F	Pundeo, N.Y. Fredericksburg, Va. Monticello, Ky. Goldsboro, N.C.	1570 1350	WGOE	Ringsport, Tenn. Richmond, Va. Walhalla S.C.	1590	WHKP	Cleveland, Ohlo Hendersonville, N.C.	1420	WILS	ansing, Mich. Centralia, III.	1320 1210
WFMC WFMD	Goldsboro, N.C. Frederick, Md.	730 930	WGOH	Grayson, Ky. Mobile, Ala.	1370	WHLB	I Henderson, Tenn. Hornell, N.Y. Lucedale, Miss. Hillsville, Va. Montgomery, Ala. Hardinsburg, Ky. Griffin, Ga. Portsmouth, Va. Bay Springs, Miss. Medford, Mass. Providence, R.I. Gallatin, Tenn. Dayton, Ohio Mooresville, N.C. Danville, Ky. Bluefield, W.Va. New Bern, N.C. Moulton, Aloia Greensburg, Pa. Matewan, W. Va. Liceveland, Ohio Hendersonville, N.C. Hickory, N.C. Mispina, Minn. Mispina, M	1400	WILZ S	St. Petersburg Beach,	1590
WEMH,	Goldsboro, N.C. Frederiok, Md. Cullman, Ala. Youngstown. Ohio Fairmont, N.C. Madisonville, Ky. No. Augusta. S.C.	1460 1390	WGOM	Marion, Ind. Munsing, Mich.	860 1400	WHLF	South Boston, Va. Hempstead, N.Y.	1400	WIMO	Winder, Ga. Michigan City, Ind.	1150 1300 1420
WEMW	rairmont, N.C. Madisonville, Ky. Favetteville, N.C.	730	WGOW	Chattanooga, Tenn. Bethlehem Pa	1150	WHLM	Bloomsburg, Pa.	550	WINA	Charlottesville, Va. Winchester, Va.	f 07 0 f 4 0 0
WFOB	No. Augusta, S.C. Fostoria, Ohio	1600 1430	WGPC WGR I	Albany, Ga. Buffalo, N.Y.	1450 550	WHLP	Akron, Ohio Centerville, Tenn.	640 1570	WINE	Winder, Ga. Michigan City, Ind. Charlottesville, Va. Winchester, Va. Chicago, III. Brookfield, Conn, Manchester, Conn. Dayton, Ohio Geornatown, S. C.	560 940
WFOM	Marletta, Ga. Hattiesburg, Miss.	1230 1400	WGRA	Albany, Ga. Buffalo, N.Y. Cairo, Ga. Grand Rapids, Mich.	790 1410	WHLS	Wheeling, W.Va. Bloomsburg, Pa. Harlan, Ky. Akron, Ohlo Centerville, Tenn. Port Huron, Mich. Huntington, Ind. Lakewood, N.J. Anniston, Ala.	1450 1300	WING	Dayton. Ohio Georgetown. S. C.	1230 1410 1470
WFPA	Fort Payne, Ala. Attantic City N I	1400	₩GRM	Griffin, Ga. Greenwood, Miss. Lake City, Fla,	1240 960	WHEW	Lakewood, N.J. Anniston, Ala,	1390	WINE	Murphysboro, III. Fort Myers, Fla.	1420 1240
WFPM WFPR	Fort Valley, Ga. Hammond, La.	1150	WGRP WGRT	Greenville, Pa. Chicago, III.	940 950	WHMP	Howell, Mich. Northampton, Mass.	1350 1400 1050	WINN	Louisville, Ky. Tampa, Fla,	1010
WFRA	No. Augusta. S.C. Fostoria, Ohio Marletta, Ga. Martesburg, Miss. St. Augustine, Fla. Fort Payne, Ala. Atlantic City, N.J. Fort Valley, Ga. Mammond, La. Franklin, Pa. Frostburg, Md. Reidsville, N.C. Freeport, III.	1450 560	WGRY	Cake City, Fia, Greenville, Pa. Chicago. III. Greeneville, Tenn. Grayling, Mich. Ephrata, Pa. Geneva, III.	1340 1590	WHNC	New York, N.Y. Henderson, N.C. McComb, Miss.	890 1250	WINS	Dayton, Ohio Georgetown, S. C. Murphysboro, III. Fort Myers, Fla. Louisville. Ky. Tampa, Fla. Binghamton, N.Y. New York, N. Y. Winter Haven, Fla. Highland, III. Canton, O.	088 1010 1360
		1600 1570 600	WGSB	Geneva, III. Huntington N.V	1310 1480 740	WHOA	Des Moines, Iowa San Juan, P.R. Philadelphia, Miss.	1040 870 1490	WINU	Highland, III. Canton, O.	1510 1520
WERY	Fremont, Ohio	900	WGSR	Huntington, N.Y. Millen, Ga. Atlanta, Ga.	920	W II O D	Jackson, Ala.	1290 1320	WINX	Canton, O. Rockville, Md. Putnam, Conn. Miami, Fla. Miami, Fla.	1600 1350
WESU	ranklin, N.C.	1050	WESV	Guntersville, Ata.	1270 1350	WHOM	Allentown, Pa. New York, N.Y. Centerville, Ind.	1600 1480	WINZ	Miami, Fla. Miami, Fla. Iew Boston, Ohio	940 610 1010
WFSP WFSR	valparaiso, Fla, Pineflas, Fla. Kingwood, W. Va. Bath, N.Y. Caribou, Maine Kinston, N.C.	570 1560 1380	WGTM	Summerville, Ga, Wilson, N.C. Georgetown, S.C.	950 590	WHON	Centerville, Ind. Orlando, Fla.	330	WIOK	Normal, III. Pittsfield, Mass.	1440
WFST C	Caribou, Maine Kinston, N.C.	600	WGIU	Cypress Gardens, Fla. Natiek, Mass.	540 1060	WHOS	Orlando, Fla. Hopkinsville, Ky. Decatur, Ala. Campbell, Ohio	800	WION	Ionia, Mich, Carliste, Pa.	1430 1000
T	Warren 1071										99

WHITE'S	Call Location	kHz	Call Location		Call Location	kHz
RADIO	WJJD Chicago, III. WJJJ Christiansburg, Va. WJJL Niagara Falls, N.Y.	1160 1260 1440	WKFR Battle Creek, Mich.	1550 1400 1340	WLAK Lakeland, Fla, WLAM Lewiston, Маіле WLAN Lancaster, Pa.	1430 1470 1390
	WJIM Lewisburg, Tenn. WJIZ MI, Holly, N. J. WJKM Hartsville, Tenn. WJKY Jamestown, Ky. WJLD Dotroit, Mich. WJLD Homewood, Ala. kHz WJLD Smithville, Tenn.	1490 1460	WKGX Lenoir, N.C. WKHM Jackson, Mich.	1080	WLAP Lexington, Ky.	630
TO@	WJKM Hartsville, Tenn. WJKY Jamestown, Ky. WJLB Detroit, Mich.	1090 1060 1400	WKIG Glenville, Ga. WKIK Leonardtown, Md.	1580 1370	WLAS Jacksonville, N.C. WLAT Conway, S.C.	910 1330
Call Location	WJLD Homewood, Ala. WJLE Smithville, Tenn. WJL Ashury Park N. I	1400 1480 1310	WKGX Lenoir, N.C. WKHM Jackson, Mich, WKIC Hazard, Ky, WKIG Glenville, Ga. WKIK Leonardtown, Md. WKIN Kingsport, Tenn, WKIP Poughkeepsie, N.Y. WKIS Orlando, Fla. WKIX Raleigh, N.C. WKIZ Key West, Fla. WKJB Mayaquez, P.R. WKJG Fort Wayne, Ind. WKJR Muskegon Heights, Mich	1320 1450 740	WLAR Athens, Tenn. WLAS Jacksonville, N.C. WLAS Jacksonville, N.C. WLAU Conway, S.C. WLAU Laurel, Miss. WLAV Grand Rapids, Mich. WLAW Lawrenceville, Ga. WLAY Muscle Shoals, Ala. WLAY Muscle Shoals, Ala.	1430 1340 1360
WIOS Tawas City-East Tawas, Mich.	KHz WJLE Smithville, Tenn. WJLK Asbury Park, N.J. WJLS Beckley, W.Va. 1480 WJMA Orange, Va. 1350 WJMB Brookhaven, Miss.	560 1340	WKIX Raleigh, N.C. WKIZ Key West, Fla.			
Tawas, Mich. WIOU Kokomo, Ind. WIP Philadelphia, Pa.	1480 WJMB Brookhaven, Miss, 1350 WJMC Rice Lake, Wis. 610 WJMC Petoskey, Mich. 1280 WJMC Cleveland Hghts., Ohi 1480 WJMR New Orleans, La.	1340 1240 1110	WKJG Fort Wayne, Ind. WKJK Granite Falls, N.C.	710 1380 900	WLBC Muncie, Ind. WLBE Leesburg, Fla, WLBG Laurens, S.C. WLBH Mattoon, III. WLBI Denham Springs, La. WLBJ Bowling Green, Ky. WLBK DoKalb, III. WLBL AUburndale, Wis. WLBN Lebanon, Pa. WLBS Centreville, Miss, WLBZ Bangor, Maine WLCK Scottsville, Ky. WLCM Laurensburg, N.C. WLCM Laurensburg, N.C.	790 860
WIPC Lake Wales, Fla. WIPR San Juan, P.R. WIPS Ticonderoga, N.Y.	940 WJMO Cleveland Hghts., Ohi 1250 WJMR New Orleans, La.	990 590	WKKD Aurora III	1520 1580	WLBI Mattoon, III. WLBI Denham Springs, La. WLBJ Bowling Green. Kv.	1170 1220 1410
WIPS Ticonderoga, N.Y. WIQT Horseheads, N.Y. WIRA Ft. Pierce, Fla, WIRB Enterprise. Ala.	1000 WJMS Ironwood, Mich. WJMW Athens, Ala. WJMX Florence, S.C. WJNC Jacksonville, N.C.	730 970	WKKS Vanceburg, Ky.	1380 1570	WLBK DoKalb, III. WLBL Auburndale, Wis.	1360 930 1590
WIRB Enterprise, Ala, WIRC Hickory, N.C. WIRD Lake Placid, N.Y. WIRF Indianapolis Ind	920 WJNO W. Palm Beach, Fla.	1600 1230		1450 1300 980	WLBR Lebanon, Pa. WLBS Centreville, Miss,	1270 1580
WIRE Indianapolis, Ind. WIRJ Humboldt, Tenn. WIRK W. Palm Beach, Fla.	740 WJOB Hammond, Ind.	1230 1080 1340	WKLK Cloquet, Minn. WKLM Wilmington, N.C.	980 1080	WLCK Scottsville, Ky. WLCM Lancaster, S.C.	620 1250 1360
WIRL Peoria, III. WIRO Ironton, Ohio WIRV Irvine, Ky.	1290 WJOI Florence, Ala, 1290 WJOL Joliet, III, 1550 WJON St. Cloud, Minn.	1340 1240	WKLP Keyser, W. Va. WKLX Portsmouth, Va. WKLV Blackstone, Va.	1390 1350	WLCN Laurensburg, N.C. WLCO Eustis, Fla. WLCS Baton Rouge La	1300 1240 910
WIRC Fronton, Ohio WIRV Irvine, Ky. WIRY Plattsburg, N.Y. WIS Columbia, S.C. WISA Isabella, P.R.	340 WJOT Lake City, S.C. WJOY Burlington, Vt.	940 1260 1230	WKMC Roaring Spring, Pa.	980 1370	WLCD Laurensburg, N.C. WLCO Eustis, Fla. WLCS Baton Rouge, La. WLCX LaCrosse, Wis. WLCX LaCrosse, Wis. WLCY St. Petersburg, Fla. WLDB Atlantic City, N.J. W2DS Jacksonville, Ill. WLDY Ladysmith, Wis. WLDY Ladysmith, Wis. WLEE Hornell, N.Y. WLEE Hornell, N.Y. WLEE Hornell, N.Y. WLEE Hornell, N.Y. WLEE HORNELL WIS.	1490 1380
	1310 WJPA Washington, Pa. 1390 WJPD Ishpeming, Mich.	1450 1240 1340	WKMF Flint, Mich. WKMG Newberry, S.C.	1470 1520 1360	WLDS Jacksonville, III, WLDY Ladysmith, Wis,	1490 1180 1340
WISK Americus, Ga, WISK Shamokin, Pa. WISM Madison, Wis. WISN Milwaukee, Wis,	1480 WJPR Greenville, Miss.	1330	WKMT Kings Mtn., N.C.	1220	WLEA Hornell, N.Y. WLEE Richmond, Va. WLEC Sandusky, Ohio WLEF Greenwood, Miss.	1480 1480 1450
WISN Milwaukee, Wis. WISO Ponce, P.R. WISP Kinston, N.C. WISR Butler, Pa, WISS Berlin, Wis.	1130 WJFS Evansville, Ind. 1260 WJPW Rockford, Mich. 1230 WJR Detroit, Mich. 1090 WJR Detroit, Mich. 1090 WJR D Tuscaloosa, Ala.	810 1400 760	WKNR Dearborn, Mich. WKNT Kent, Ohio	1290 1310 1520	WLEF Greenwood, Miss. WLEM Emporium, Pa.	1540 1240
	1090 WJRC Joliet, III. 1240 WJRD Tuscaloosa, Ala. 1360 WJRJ Lenoir, N.C.	1510 1150 1340	WKNX Saginaw, Mich.	1210 1490 1480	WLEM Emporium, Pa. WLES Lawrenceville, Va. WLET Toecoa, Ga. WLEW Bad Axe, Mich. WLEY Cayey, P.R. WLFA Lafayette, Ga. WLFH Little Falls, N.Y. WLGM Lynchburg, Va. WLGM Logan, O.	580 1420 1340
WISV Virouqua, Wis. WISZ Glen Burnie, Md. WITH Baltimore, Md. WITL Lansing, Mich. WITN Washington, N.C.	1360 WJRL Calhoun City, Miss, 1230 WJRM Troy, N.C. 1010 WJRZ Hackensack, N.J. 930 WJSB Crestview, Fla.	1530	WKOG Gordon, Ga. WKOK Sunbury, Pa.	1560	WLEY Cayey, P.R. WLFA Lafayette, Ga. WLFH Little Falls, N.Y.	1080 1590 1230
	ngn w 15m martinsburg, Pa.	970 1050 1110	WKOP Binghamton, N.Y. WKOP Starkville, Miss.	1570 1360 980	WLGM Lynchburg, Va. WLGN Logan, O.	1320 1510
WITZ Jasper, Ind. WIVE Ashland, Va. WIVK Knoxville, Tenn. WIVS Crystal Lake, III. WIVV Vieques, P.R.	990 WJSO Joneshoro, Tenn.	1590 1000 1010	WKOV Wellston, Ohlo WKOX Framingham, Mass. WKOY Bluefield, W.Va	1330 1190 1240	WLIJ Shelbyville, Tenn. WLIK Newport, Tenn.	1190 1580 1270
WIVE Crystal Lake, III. WIVV Vieques, P.R. WIVY Jacksonville, Fla.	850 WJSW Maplewood, Minn, 850 WJTN Jamestown, N.Y. WJTO Bath, Me.	1240 730	WKOZ Kosciusko, Miss. WKPA New Kensington, Pa.	1340	WLIL Lenoir City, Tenn. WLIP Kenosha, Wis. WLIQ Mobile, Ala.	730 1050 1360
WIVY Jacksonville, Fla. WIXC Fayetteville, Tenn. WIXE Monroe, N.C.	1050 WJTS Jupiter, Fla. 1140 WJUN Mexico, Pa. 1190 WJVA South Bend, Ind.	1000 1220 1580		1300 1510 1420	WLIS Old Saybrook, Conn. WLIV Livingston, Tenn.	1420 920
WIXI Lancaster, Ky.	1280 WJWL Georgetown, Del.	850	WKPI Kingsport, Jann.	1400 1010 1550	WLFM Little Falls, N.Y. WLGM Lynchburg, Va. WLGM Logan, O. WLGN Logan, O. WLIB New York, N.Y. WLIJ Shelbyville, Tenn. WLIK Newport, Tenn. WLIK Newport, Tenn. WLIP Kenosha, Wis. WLIQ Mobile, Ala. WLS Old Saybrook, Conn. WLIV Livingston, Tenn. WLIV Livingston, Tenn. WLIX Lislip, N.Y. WLIZ Lake Worth, Fla. WLKE Waupun, Wis. WLKM Three Rivers, Mich. WLKR Nerwalk, O. WLKS W. Liberty, Ry. WLKS W. Liberty, Ry. WLKW Providence, R.I. WLE Raleigh, N.C. WLLH Lowell, Mass. WLLE Raleigh, N.C. WLLH Lowell, Mass.	540 1380 1170
WIXN Dixon, III. WIXX Fort Lauderdale, Fla. WIXY Cleveland, O. WIXZ McKeesport, Pa.		1450	WKQW Spring Valley, N.Y. WKRA Holly Springs, Miss.	1300	WLKN Three Rivers, Mich. WLKN Lincoln, Me. WLKR Norwalk, O.	1510 1450 1510
WIYN Rome Ga	1360 WKAI Macomb, III. 1360 WKAI Macomb, III. 1340 WKAJ Saratoga Springs,	1510	WKRG Mobile, Ala. WKRK Murphy, N.C.	550 710 1320	WLKS W. Liberty, Ky. WLKW Providence, R.I.	990 570
WIZE Springfield, Ohio WIZO Franklin, Tenn. WIZR Johnstown, N. Y. WIZS Henderson, N.C.	930 WKAL Rome, N.Y.	900 1450 1460	WKRO Cairo, III.	1340 1490 1220	WLLH Lowell, Mass. WLLL Lynchburg, Va.	1400 930
WIZZ Streator, III. WJAB Westbrook, Me.	1450 WKAN Kankakee, III. 1250 WKAP Allentown, Pa.	1320	WKRT Cortland, N.Y. WKRW Cartersville, Ga.	920 1270	WLLH Lowell, Mass. WLLH Lynchburg, Va. WLLN Olney, III. WLLS Hartford, Ky. WLLY Wilson, N.C. WLMD Laurel, Md. WLMS Leominster, Mass.	740 1600 1350
WJAG Norfolk, Nebr.	780 WKAR East Lansing, Mich. WKAR Miami Beach, Fla.	580 870 1360	WKSC Kershaw, S.C. WKSK W. Jefferson, N.C.		WLMD Laurel, Md. WLMS Leominster, Mass. WLNC Laurinburg, N.C.	900 1000 1300
WJAR Providenco, R.I.	920 WKAY Glasgow, Ky.	1490	WKSP Kingstree, S. C.	1340 1090 1420	WLNC Laurinburg, N.C. WLMJ Jackson, Ohio WLNA Peekskill, N.Y. WLNC Laurinburg, N.C.	1280 1420
WJAS Fittsburgh, Pa. WJAY Swainsboro, Ga. WJAY Jacksonville, Fla. WJAY Mullins, S.C. WJAZ Albany, Ga, WJBB Halepyille, Ala.	800 WKBC N. Wilkesboro, N.C.	1550 810 1410	WKST New Castle, Pa. WKTC Charlotte, N.C.	1280	WLNG Sag Harbor, N.Y. WLNH Laconia, N.H. WLOA Braddock, Pa. WLOB Portland, Maine	1300 1800 1350
WJAY Mullins, S.C. WJAZ Albany, Ga, WJBB Halevville, Ala.	960 WKBI St. Marys, Pa. 960 WKBJ Milan, Tenn. 1230 WKBJ Means No.	1400	Wilter Homiasville, da.	730 1380	WLOA Braddock, Pa. WLOB Portland, Maine WLOC Munfordville, Ky, WLOD Pompano Beach, Fla.	1550 1310 1150
WJBC Bloomington, III. WJBD Salem, III. WJBE Knoxville, Tenn. WJBL Holland, Mich.	1230 WKBL Covington, Tenn. 1350 WKBN Youngstown, Ohio	1220 1250 570	WKTQ South Paris, Maine WKTQ South Paris, Maine WKTS Sheboygan, Wis. WKTY LaCrosse, Wis.	950 580	WLOD Pompano Beach, Fla. WLOE Eden, N.C. WLOF Orlando, Fla.	980 1490 950
WIDM Jersevville, III.	WKBL Covington, Tenn, 1430 WKBN Youngstown, Ohio 1430 WKBO Harrisburg, Pa. 1480 WKBQ Garner, N.C. 1480 WKBR Manchester, N.H. 150 WKBV Richmond, Ind. 930 WKBW Buffalo, N.Y.	1230 1000 1250	WKUL Culiman, Ala.	1220	WLOE Fompano Beach, Fla. WLOE Eden, N.C. WLOF Orlando, Fla. WLOG Logan, W.Va. WLOH Princeton, W.Va. WLOI (2 Porte, Ind.	1230 1490
WJBO Baton Rougle, La, WJBY Gadsden, Ala, WJCD Seymour, Ind.	930 WKBV Richmond, Ind. WKBW Buffalo, N.Y.	1490	WKVA Lewistown, Pa. WKVI Knox, Ind.	920	WLOK Memphis Tenn	1540 1340 1330
WJCD Seymour, Ind. WJCM Sebring, Fla. WJCO Jackson, Mich.	1510 WKBY Chatham, Va.	. 1500 1080 850	WKVM San Juan, P.R. WKVO Havelock, N.C. WKVT Brattlehoro, Vt.	810 133n 1490	WLOL Minneapolis, Minn. WLON Lincolnton, N.C. WLOP Jesup, Ga. WLOR Thomasville, Ga. WLOT Marinette, Wis.	1050 1370
WJCW Johnson City, Tenn. WJDA Quincy, Mass, WJDB Thomasville, Ala, WJDM Elizabeth, N.J.	1300 WKCB Hindman, Ky. 630 WKCT Bowling Green, Ky.	1540 930	WKWF Key West, Fla. WKWK Wheeling, W.Va.	1400	WLOT Marinette, Wis. WLOU Louisville, Ky.	730 1300 1350
WJDM Elizabeth, N.J. WJDX Jackson, Miss. WJDY Salisbury, Md. WJEF Grand Rapids, Mich.	620 WKCW Warrenton, Va. 1470 WKCY Harrisonburg, Va.	1420 1420 1300	WKXL Concord, N.H. WKXR Exeter, N.H.	1290 1450 1540	WLOV Washington, Ga. WLOW Aiken, S.C. WLOX Biloxi, Miss.	1370 1300 1490
WJEF Grand Rapids, Mich, WJEH Gallipolis, Ohio	1230 WKDA Nashville, Tenn. 990 WKDE Altavista, Va.	1240	WKXV Knoxville, Tenn. WKXY Sarasota, Fla. WKY Oklahoma City Okla	900 930 930	WLPH Irondale, Ala. WLPM Suffolk, Va.	1480 1450 1220
WJEF Grand Hapids, Mich, WJEH Gallipolis, Ohio WJEJ Hagerstown, Md, WJEM Valdosta, Ga. WJER Dover-New Philadelphia, O. WJES Johnston S.C.	WKDL Clarksdale, Miss, WKDO Liberty, Ky.	1560	WKYB Hemingway, S. C. WKYC Cleveland, Ohio	0001	WLOU Louisville, Ky. WLOW Askington, Ga. WLOW Aiken, S.C. WLOW Biloxi, Miss. WLPH Irondale, Ala. WLPH Suffolk, Va. WLPO LaSalle, III. WLPS Leighton, Pa. WLQH Chiefland, Fia. WLRC Whitehall, Mich. WLRO Lorain Obio	1150 940
Philadelphia, O. WJES Johnston, S.C. WJET Erie, Pa. WJFC Jefferson City, Tenn.	WKDO Liberty, Ky. WKDO Liberty, Ky. WKDR Plattsburgh, N.Y. WKDX Hamlet, N. C. WKDZ Cadiz, Ky.	1070 1250	WKYK Burnsville, N. C.	1550 1540 1360	WLRC Whitehall, Mich. WLRO Lorain, Ohio WLS Chicago, III.	1490 1380 89 0
	1540 WKEG Washington, Pa.	800	WKYX Paducah, Ky.	570 1250	WLSB Copper Hill, Tenn. WLSC Loris, S.C.	1400 1570
WJHO Opelika, Ala, WJIC Salem, N. J. WJIG Tullahoma, Tenn.		1500	WKZI Casey, III. WKZO Kalamazoo, Mich.	800 590	WLSE Wallace, N.C. WLSH Lansford, Pa.	1220 1400 1410
WJIM Lansing, Mich, WJIT San Juan, P.R.	1550 WKEU Griffin, Ga. 1240 WKEX Blacksburg, Va. 1140 WKEY Covington, Va. 1270 WKFD Wickford, R.I.	1450 1430 1340	WLAC Nashville, Tenn. WLAD Danbury, Conn. WLAF LaFollette, Tenn.	1510 800 1450	WLRO Lorain. Ohio WLS Chiego. III. WLSB Copper Hill, Tenn. WLSC Loris, S.C. WLSD Big Stone Gap, Va, WLSE Wallace, N.C. WLSH Lansford, Pa, WLSI Pikoville, Ky. WLSM Louisville, Miss. WLST Escanaba, Mich. WLSV Wellsville, N.Y.	900 1270 600
WIJC Commerce, Ga.	1270 WKFD Wickford, R.I.	1370	WLAG La Grange, Ga.	1240	WLSV Wellsville, N.Y.	790

Call	Location	kHz	Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
WLTC G	iastonia, N.C.	1370 1370	WHOR	Morehead, Ky. Berlin, N.H. Ravenswood, W.Va.	1330 1230	WN08 WNOV	High Point, N.C. Milwaukee, Wis. York, Pa.	1590 860	WPAC	Patchoque, N.Y. Paducah, Ky. Ann Arbor, Mich. Charleston, S.C. Pottsville, Pa. Mount Airy, N.C. Parkersburg, W.Va. Zephyrhills, Fia. Paterson, N.J. E. Syracuse, N.Y. Thomasville, Ga. Portsmouth, Ohio Pottstown, Pa.	1580 1450
WLTN L	iastonia, N.C. Gary, Ind. Littleton, N. H. Loves Park, III.	1400 1520			1360	WNOW	York, Pa. Knoxville, Tenn.	1250 990	WPAG	Ann Arbor, Mich. Charleston, S.C.	1050 730
WLUX E	Baton Rouge, La.	1600	WMPA	Aberdeen, Miss. Lapeer, Mich. Hancock, Mich.	1240	WNPS	Knoxville, Tenn. New Orleans, La. Tuscalossa, Ala.	1280	WPAQ	Mount Airy, N.C.	740
WLVA L	Luverne, Ala. incinnati, Ohio Rockingham, N.C.	590 1080 700	WMPM	Smithfield, N.C. Middleport-Pomeroy,	920 1270	WNRG	Lansdale, Pa. Grundy, Va. Woonsocket, R.I.	940 1380	WPAS	Zephyrhills, Fla.	1450 1400 930
WLWC	Rockingham, N.C.	1500	WMPP	Chicago Heights III	1390			1130	WPAW	E. Syracuse, N.Y. Thomasville, Ga.	930 1540 1240
Marath WLYB	(V.C.A.) ion, Fla. Albany, Ga. Villiamsport, Pa. ynn, Mass. it. Wayne, Ind.	1180 1250	WMPS	Memphis, Tenn.	680 1450	WNRS	Newark, Del. Saline, Mich. Narrows-Pearisburg,		WPAZ	Portsmouth, Ohio Pottstown, Pa.	1370
WLYC V	Villiamsport, Pa.	1050	WMQM	Memphis, Tenn, Greenville, S.C. Milford, Mass. Monroe, Ga. Lewistown, Pa.	1480 1490			990 1260	WPCC	Pottstown, Pa. Richfield, Minn. Clinton, S.C. Panama City, Fla.	980 1410
WMAC	t. Wayne, Ind. Netter, Ga. Madison, Wis. Madison, Fla.	1450	WMRE	Monroe, Ga.	1490 1490 1490	WNTT	Laurel, Miss. Newton, Mass. Tazewell, Tenn. Southington, Conn. Ft. Walton Bch., Fla. Chicago, III.	1250	WPCO	Mt. Vernon, Ind.	1430 1590 1600
WMAF	Madison, Fla.	1550 1230 850	WMRN	Marion, Ohio Aurora, III. Flint, Mich,	1490 1280	WNUE	Ft. Walton Bch., Fla.	1400 1390	WPDE	Paris, Ky.	1440 1550
WMAJS	Forest, Miss. State College, Pa. Nashville, Tenn.	1450	WMRP	Flint, Mich. Massena, N.Y.	1570	WNUZ	Chicago, III. Talladega, Ala. Norton, Va. Nicholasville, Ky. Pensacola, Fla.	1230	WPDM	Mt. Vernon, Ind. Elizabethtown, Pa. Paris, Ky. Corydon, Ind. Potsdam, N. Y. Jacksonville, Fia. Portage, Wis. Clarksburp, W. Va. Crozet, Va. Louisville, Ga. Montrose, Pa. Philadelphia, Pa. Peoria, III.	1470 600
WMAL	Nashville, Tenn. Washington, D.C. Marinette, Wis. Mansfield, Ohio Monroe, N.C. Chicago, III. Springfield, Mass. Grand Rapids, Mich. Springfield, III.	630 570	WMSG WMSJ	Massena, N.Y. Oakland, Md. Sylva, N.C. Morganfield, Ky.	1050 680	WNVL	Nicholasville, Ky. Pensacola, Fla.	1250	WPDR	Portage, Wis. Clarksburg, W.Va.	1350 750
WMAN	Mansfield, Ohio Monroe, N.C.	1060	WMSK	Morganfield, Ky. Decatur, Ala.	1550	WNWI	Valparaiso, Ind. Portsmouth, Ohio New York, N.Y.	1080	WPEH	Crozet, Va. Louisvile, Ga.	810 1420
WMAS S	Chicago, III. Springfield, Mass.	670 1450	WMST	Decatur, Ala, Manchester, Tenn, Mt. Sterling, Ky. Cedar Rapids, Iowa Central City, Ky. Vancieve, Ky. Hinton, W. Va. Manistee, Mich. Leitchfield, Ky. Moultrie, Ga. Morristown, Tenn	1320	WNYN	Canton, O. Rochester, N.Y.	900 680	WPEN	Philadelphia, Pa. Peoria, III.	950 1020
WMAY	Springfield, III. Macon, Ga.	970 940	WMTA	Central City, Ky.	600 1380 730			1200	WPEP	Taunton, Mass. Greenshoro, N.C. Pensacola, Fla.	1570 950
WMBA WMBC	Macon, Ga. Ambridge, Pa. Columbus, Miss. Peoria, III. Joplin, Mo. Airieago, III. Morehead City, N.C. Miami Beach, Fia. Petoskey, Mich. Auburn, N.Y. Jacksonville, Fia. Jinontown, Pa. Shenandoah, Pa.	1460 1400	WMTO	Hinton, W. Va. Manistee, Mich.	1380	WOAY	Owosso, Mich. Oak Hill, W.Va. Oberlin, O.	860 1570			790
WMBD WMBH	Peoria, III. Joplin, Mo.	1470	WMTL	Leitchfield, Ky, Moultrie, Ga.	1580 1300	WOBR	Oberlin, O. Wanchese, N.C. Jacksonville, Fla. Rhinelander, Wis.	1530 1360	WPGA	Perry, Ga. Bradbury Hghts., Md. Burgaw, N. C.	980 1580
WMBI C	hicago, III. Morehead City, N.C.	740	WMTD	Morniotown M I	1300 1250	WOBT WOC D	Rhinelander, Wis.		WPFG	Burgaw, N. C. Oanville, Pa. Portland, Ind.	1370
WMBM WMBN	Miami Beach, Fla. Petoskey, Mich.	1490 1340	WMTS	Murfreesboro, Tenn. Muskegon, Mich.	1090	WOCH	vernport, Iowa W. Yarmouth, Mass. North Vernon, Ind.	1240 1460	WPGW	Portland, Ind. Philipsburg, Pa.	1440 1260
WMB0 /	Auburn, N.Y. Jacksonville, Fla,	134n 1460	WMVA	Murfreesboro, Tenn. Muskegon, Mich. Greenville, S.C. Martinsville, Va. Millville, N.J.	1260	WOCO		1450 1260	WPHE	Philipsburg, Pa. Waverly, Tenn. Port Huron, Mich.	1060 1380
WMBS I	Uniontown, Pa. Shenandoah, Pa,		WMVB WMVG	Millville, N.J. Milledgeville, Ga. Mechanicville, N.Y.	1440	WODY	Bassett, Va.	900	WPID	Pledmont, Ala.	790 1280 730
WMCA	emphis, Tenn. New York, N.Y.	790 570	WMVO	Mt. Vernon, Ohio	1170 1300 1080	WOGA	Brookneal, Va. Bassett, Va. Rockwood, Tenn. Sylvester, Ga. New Smyrna Beach,	1540	WPIP	Port Huron, Mich. Sharon. Pa. Pledmont, Ala. Alexandria, Va. Collierville, Tenn. Pittsburgh, Pa. Daisy, Tenn.	1590
WMCL	Church Hill, Tenn. McLeansboro, 111.	1260 1060 1280	WMWN	Mt. Vernon, Ohio Sidney, Ohio I Wilmington, O. Myrtle Beach, S.C. Mayodan, N.C. Ft. Myers, Fla. Bridgeport, Conn. Norman, Okla.	1080 1090 1450	Fla.	E Liverpool Obio	1550	WPID	Daisy, Tenn. Pikeville, Ky. Wavorly, Ohio	1550 1240
WMCR	Columbia, Tenn. Dneida, N.Y. Machias, Me.	1600	WMYN	Mayodan, N.C.	1420 1410	WOHN	Horndon, Va.	1440	WPKO	Waverly, Ohio Princeton, Ky	1380 1580
WMCW	Mountain City, Tenn.	1390	WNAB	Bridgeport, Conn.	640	WOHS	Shelby, N.C.	730	WPLA	Plant City, Fla. Groenville, Mich.	910
WMDC	Hazelhurst, Miss, Fajardo, P.R. Midland, Mich.	1220	WNAE	Norman, Okla. Warren, Pa. Grenada, Miss.	1310	WOIC	Columbia, S.C.	1320	WPLK	Rockmart, Ga. Plymouth, Mass.	1220 1390
WMEG	Melbourne, Fla.	1490	WNAH	Grenada, Miss. Nashville, Tenn. Nanticoke, Pa.	1360 730	WOKA	Douglas, Ga. Winter Garden, Fla.	1310	WPLY	Atlanta, Ga. Plymouth, Wis.	590 1420
WMEK	Chase City, Va.	080			940 1280	WOKE	Okeechobee, Fla. Charleston, S.C.	1570	WPMB	Vandalia, III. Punxsutawney, Pa.	1500 1540
		1330	WNAR	Neenah, Wis. Norristown, Pa. Natchez, Miss. New Alhany, Miss. Annapolis, Md. Yankton, S.Dak, New York, N.Y. Binghamton, N.Y. New Bedford, Mass. Park Falls, Newburyport, Mass. Murray, Ky. Wellsboro, Pa. Newberry, Mich. Saranac Lake, N.Y. Silor City, N.C. Barnesboro, Pa.	1110 1450	WOKK	Jackson, Miss. Meridian, Miss.	1550 1450	WPMP	Daisy, Ten. Pa. Daisy, Ten. Py. Daisy, Ten. Py. Waverly, Kip. Planeton, Kip. Planeton, Kip. Planeton, Kip. Planeton, Mich. Rockmart, Ga. Plymouth, Mass. Atlanta. Ga. Plymouth, Wis. Vandalia, III. Punxsutawney, Pa. Portsmouth, Va. Pascagoula, Miss. Plymouth, N.C. Plymouth, N.C. Plymouth, N.C. Plymouth, Me. Hurricane, W. Va. Phenix City, Ala. Pontiae, III. Pontiae, Mich. Harford, Conn. Portsand, Maine New York, N.Y. Pottsville, Pa. Mayaguez, P.R. Mayaguez, P.R.	10f0 1580
WMEX	Marion, Va, Boston, Mass. Wonroeville, Ala,	1360	WNAV	Annapolis, Md.	1470 1430	WOKL	Albany, N.Y.	1460	WPNF	Brevard, N.C.	1470
WMFG	Wilmington, N.C. Hibbing, Minn. Daytona Beach, Fla. High Point, N.C.	1240	WNBC	New York, N.Y.	660	WOKS	Brockton, Mass.	1410	WPNO	Auburn, Me,	1300 153 0 1080
WMFR	High Point, N.C.	1450 1230 1130	WNBH	New Bedford, Mass.	1340	WOKZ	Alton, III.	1570	WPNX	Phenix City, Ala.	1460
WMGO	Moultrie, Ga. Canton, Miss. Bainbridge, Ga.	1370 930	WNBP	Newburyport, Mass.	1470 1340	WOLF	Marion, Va.	1330	WPON	Pontiac, Mich. Hartford, Conn.	1460
w m us t	sowling Green, Unio	730	WNBT	Wellshoro, Pa. Newberry, Mich.	1490 1450	WOLS	Florence, S. C. Owensboro, Ky.	1230	WPOR	Portland, Maine New York, N.Y.	1490
WMGY I	Montgomery, Ala. Arecibo, P. R.	800 1070	WNBZ WNCA	Saranac Lake, N.Y. Silor City, N.C.	1240 1570	WOMN	Decatur, Ga. Bellaire, Ohio	1310 1290	WPPA	Pottsville, Pa. Mayaguez, P.R.	1360 990
WMIC S	Meadville, Pa. Montgomery, Ala. krecibo, P. R. andusky, Mich. ktlantic Clty, N.J. Middlesboro, Ky. Hilwaukee, Wls. Mt. Carmel, Pa. MolsSt. Paul. Minn.	1340	WNUG	N. Charleston, S.C.	910	WOMT	Manitowoc, Wis, Winona, Miss. Pleasantville, N.J.	10/0	WPRE	Mayaguez, P.R. Lincoln, III. Prairie Du Chien, Wis Parsippany-Troy Hills,	980
WMIL	Middlesboro, Ky. Hilwaukee, Wis.	560 (290	WNCU	Ashland, Ohio Greenville, N.C. Daytona Beach, Fla,	1340	WOND	Pleasantville, N.J. Dayton, O. Lakeland, Fia.	980	N.J.	Putter Ala	1310 1240
WMIN	wt. Carmel, Pa. AplsSt. Paul, Minn.	1590 1400	WNDR	Syracuse, N.Y. South Bend, Ind.	1150 1260 1490	WONS	Tallahassee, Fla. Defiance, Ohlo Grand Rapids, Mich.	1230	WPRO	Butler, Ala. Providence, R.I. Ponce, P.R.	630 910
WMIS N	ron Mountain, Mich, ake Geneva, Wis, latchez, Miss.	1550 1240			1300	WOOD	Grand Rapids, Mich. Dothan, Ala.	1300	WPRS	Paris, III, Prestonsburg, Ky. Wauchula, Fla.	1440 960
WMIX	At. Vernon, III.	940	WNEG	Taccoa. Ga. Caguas. P. R.	630 1430	WOOK	Washington, D.C.	1240	WPRV WPRW	Wauchula, Fla. Manassas, Va. Perry, Fla.	1600 1460
WMJM (Cordele, Ga. Millinocket, Me. Monticello. Miss.	1490	WNER	Worcester, Mass, Taccoa, Ga, Caguas, P. R. Live Oak, Fla, Central City, Ky, Wheeling, W. Va, New York, N.Y.	1250 1050	WOOW	Greenville, N.C.	1340 1490	WPRY	Perry, Fla. Monroeville, Pa.	1400 1510
WMLC I	Monticello. Miss. Beverly, Mass.	1270 1570	WNEW	Wheeling, W. Va. New York, N.Y.	1470 1130	WOPI WOR N	Bristol, Tenn. lew York, N.Y.	1490 710	WPTL	Monroeville, Pa- Raleigh, N.C. Canton, N.C.	680 920
WMLP I	Beverly, Mass. Milton, Pa. Hohenwald, Tenn.	1540	WNEX	Macon, Ga. Green Bay, Wis. Nashville, Ga. Mayfield, Ky.	1400 1440	WORA	Mayaquez, P.R.	760 1310	WPTR	Cookeville, Tenn. Albany, N.Y.	1550 1540
WMLSS	Sylacauga, Ala.	1290 1330	WNGA WNGO	Mayfield, Ky.	1600	WORD	Spartanburg, S.C. Orangeburg, S.C.	910 1580	WPTW	Piqua, Ohio	1570
WMMH	Melbourne, Fla. Marshall, N.C. Westport, Conn. Fairmont, W.Va. Meriden, Conn.	1240 1460	WNHV	Mayneig, Ry. New Haven, Conn. White River Jet., Vt. Cheektowaga, N.Y. Arecibo, P.R. Niles, Mich, Niles, Ohlo	1340 910	WORK	Spartanburg, S.C. Orangeburg, S.C. Orlando, Fla. York, Pa. Savannah, Tenn. Hattiesburg, Miss.	1270 1350	WPUB	Camden, S.C.	1130
WMMN	Fairmont, W.Va.	920 920	WNIK	Arecibo, P.R.	1230 1230 1290	WORV	Hattiesburg, Miss,	1010 1580 1270	WPUT	Brewster, N.Y.	1510 1580
WMND	No Adome Moss	730 1230	WNIO	Niles, Ohio	1540	WOSC	Madison, Ind. Fulton, N.Y. Oshkosh, Wis. Columbus, Ohio	1300	WPVA WPVL	Colonial Hights., Va.	129 0 1460
WMNC	Morganton, N.C.	1430 1360	WNJR	Hammonton, N.J. Newark, N.J. Neon, Ky. Nen London, Conn.	1580 1430 1480	WOSU	Columbus, Ohio	820 1370	WPXC	Cookeville, Tenn. Albany, N.Y. Pittston, Pa. Piqua, Ohio Lexington Pk., Md. Camden, S.C. Bartow, Fla. Brewster, N.Y. Pulaski, Va. Colonial Hights., Va. Painesville, Ohlo Prattville, Ala. Starke, Fla. Greenville, N. C. Benson, N.C. Milami, Fla.	1410 1490
WMNI C	Morganton, M.C. Monomonie, Wis. Solumbus, Ohio Diean, N.Y. Manati, P.R. Montezuma, Ga. Marietta, Ohio		WNLK	Nen London, Conn. Norwalk, Conn.	1510 1350	WOTE	Columbus, Ohio Corry, Pa. Watertown, N.Y. Nashua, N.H. Athens, Ohio Welch, W.Va. Dmaha, Nebr. Florence, Ala. Ft. Wayne, Ind.	1410 900	WPXY WPYB	Greenville, N. C. Benson, N.C.	1550 1130
WMNT	Manati, P.R. Montezuma, Ga.	1500 1500	WNMP	Norwalk, Conn. Norwalk, Conn. Evanston, III. Garden City, Ga. Newton, N.C. Newton, N.J. Warsaw, Va.	1590 1520	WOUB	Athens, Ohio Welch, W.Va.	1340 1340	WQAM	Miami, Fla. Miami, Fla. Miami, Fla. Vicksburg, Miss. Rensselaer, N.Y. San Juan, P.R. Calais, Maine	1140
WMOA I	Marietta, Ohio Mobile, Ala.	1490 840	WNNC	Newton, N.C. Newton, N.J.	1230 1380	WOWL	Dmaha, Nebr. Florence, Ala.	590 1240	WOBC	Rensselaer, N.Y.	1300
WMOC C	chattanooga, Tenn. Brunswick, Ga.		WNNT	Warsaw. Va. New Orleans, La. Naples. Fla.		WOWN	Ft. Wayne, Ind. / Naugatuck, Conn.	1190 1380	MODY	Calais, Maine	650 1230 1390
WMOK	Mobile, Ala. Chattanooga, Tenn. Brunswick, Ga. Hamilton, Ohio Metropolis, III. Montgomery, W.Va.	1450 920	WNOG	Columbia, S.C.	1270	WOXF	Naugatuck, Conn. Clewiston, Fla. Oxford, N.C. Ozark, Ala. Jacksonville, Fla.	1340	WQIK	Jacksonville, Fla.	1090
WMUN I	Montgomery, W.Va. Mobile, Ala. Ocala, Fla.	1550	WNOP	Columbia, S.C. Chattanooga, Tenn. Newport, Ky. Norfolk, Va.	1260 740	WOZN	Jacksonville, Fla. Ponce, P.R.	970	WQMA	Marks, Miss.	1520 105 0
	XX7 1071	900	HIVI	HOULDIN, YA,	12301	HEMB	1 9100, 1111	300	with	Otto Obitual mar	Q5

WHITE'S		Call	Location		Call	Location	kHz	Call	Location	kHz
RADIO	W	ROM	Rome, Ga. Ronceverte, W.Va. Scottsboro, Ala. Roanoke, Va. Albany, N.Y. Clarksdale, Miss. Carmi, III. Evansville, Ind. Charlotte, N.C. Pantarville Miss	710 1400	WSMA WSMB	Marine City, Mich. New Orleans, La. La Plata, Md. Sanford, Maine Greeneville, Tenn. Litchfield, III. Graham, N.C. Nashua, N.H. Sparta, Tenn. Weldon, N.C. Cumming, Ga.	1590 1350	WTIM	Taylorville, III. Charleston, W.Va. Manistique, Mich. Titusville, Pa. New Orleans, La. East Point, Ga.	1410
MANDIO	W	ROS	Scottsboro, Ala. Roanoke, Va.	1330	WSMD	La Plata, Md. Sanford, Maine	1560 1220	WTIO	Manistique, Mich. Titusville, Pa.	1490
[L(O)(G)	w	ROX	Clarksdale, Miss.	1450 1460	WSMI	Litchfield, III.	1540	HITW	East Point, Ga.	690 1260 1390
	w	ROZ	Evansville, Ind. Charlotte, N.C.	1400	WSMN	Nashua, N.H. Sparta, Tenn.	1590	WTKN	East Point, Ga, Jackson, Tenn. Hartford, Wis, Ithaca, N.Y. Tompkinsville, Ky, Utica, N.Y. Taylorsville, N.C. Anonka, Fla.	1540 1470
Call Location	kHz W	RPM	Poplarville, Miss.	1530 1310	WSMY	Weldon, N.C. Cumming, Ga. Bridgeton, N.J.	1400	WTKY	Tompkinsville, Ky. Utica, N.Y.	1370
WQOK Greenville, S.C. WQSN Charleston, S.C. WQTC Two Rivers, Wis. WQTE Monroe, Mich.	1440 W 1450 W	RRR	Popularyine, Miss. Paulas, Tex. Rockford, III. Clinton, N.C. State College, Pa. San German, P.R.	880	WSNJ	Bridgeton, N.J. Barre, Vt.	1240 1450	WILK	Taylorsville, N.C. Apopka, Fla.	
WQTE Monroe, Mich.	560 W 1570 W	RSG	State College, Pa. San German, P.R.	1090	WSNW	Seneca, S. C.	1150	WILS	Apopka, Fla. Apopka, Fla. Somerset, Ky. Tallasee, Ala. Charleston, S.C. Wisconsin Rapids,	1480 1300 1250
WQTW Latrobe, Pa. WQUA Moline, III. WQVA Quantico, Va. WQXI Atlanta, Ga. WQXL Columbia, S.C.	1230 W 1530 W	RSL	San German, P.R. Bayamon, P.R. Stanford, Ky. Warsaw, Ind. Altoona, Pa. Wood River, III. Rantoul, III. Gainesville, Fla. Rumford, Maine Utica, N.Y. Russellville, Ky. Richmond, Va. Mt. Vernon, Ky. Augusta, Ga.	1520 1480	WSOC	Bridgeton, N.J. Barre, Vt. Sandersville, Ga, Seneca, S. C. Schenectady, N.Y. Charlotte, N.C. Savannah, Ga, Tampa, Fla, Salem, Ohio Henderson, Ky, Sit. Ste. Marie, Mich, No. Syracuse, N.Y. Decatur, 111. Spartanburg, S.C.	930	WTME Wis.	Charleston, S.C. Wisconsin Rapids, Ocala, Fla. Trenton, Tenn. Milwaukee, Wis. Tampa, Fla, Camden, N.J. Louisville, Ky. Carden, N.J. Millington, Tenn. Coshocton, Ohio Tallahassee, Fla. Chapel Hill, N.C. Winston-Salem, N.C. Savannah, Ga. Toledo, Ohio Spruce Pine, N.C. Staunton, Va. Beilefontaine, O, Washington, D.C. Torrington, Conn. Marianna, Fla Parls, Tenn. Portage, Mich, Towson, Md. Roanoke Va, Selma, Ala. Latrobe, Pa, Ripley, Tonn.	1460
WQXI Atlanta, Ga. WQXL Columbia, S.C.	790 W	RTA	Altoona, Pa. Wood River, III.	1240 590	WSOL WSOM	Tampa, Fla. Salem, Ohio	1300	WTMC	Ocala, Fla. Trenton, Tenn.	1290 1500
WQXQ Ormond Bch., Fla. WQXR New York, N.Y.	1380 W 1560 W	RTL	Rantoul, III. Gainesville, Fla.	1460 850	WSON WSOO	Henderson, Ky. Slt. Ste. Marie, Mich.	860 1230	WTMP	Milwaukee, Wis. Tampa, Fla,	620 1150
WQXL Columbla, S.C. WQXQ Ormond Bch., Fla. WQXR New York, N.Y. WQXT Palm Beach, Fla. WQYK Tampa, Fla. WRAB ALIPAY, Va. WRAB Arab, Ala. WRAC Ractine, Wis. WRAD Radford, Va. WRAD Radford, Va. WRAC Corollow Ala.	1340 W 1110 W 1930 W	RUN	Utica, N.Y.	1150	WSOY	Decatur, III.	1340 950	WIMI	Louisville, Ky.	800 620 790
WRAB Arab, Ala.	1380 W 1460 W	RVA	Richmond, Va.	1140	WSPB	Sarasota, Fla.	1450 1370	WTND	Orangeburg, S.C.	920 1330
WRAD Radford, Va. WRAG Carrollton, Ala.	1460 W 590 W	RWD	Augusta, Ga. Cleveland, Ga. Roxboro, N.C. New Britain, Conn.	1480	WSPF	Decatur, III. Spartanburg, S.C. Sarasota, Fla. Toledo, Ohio Hickory, N.C. Springfield, Mass. Stevens Pt., Wis. Durham, N.C. Ft. Lauderdale, Fla. Marlborough, Mass. Hillsboro, Ohio	1000	WTNN	Millington, Tenn. Coshocton, Ohio	1380 1560
WRAG Carrollton, Ala. WRAG Carrollton, Ala. WRAI San Juan, P.R. WRAJ Anna, III. WRAK Williamsport, Ps. WRAM Monmouth, III. WRAN Dover, N.J. WRAN Dover, N.J.	1520 W 1440 W	RXO	Roxboro, N.C. New Britain, Conn.	1430 840	WSPT	Stevens Pt., Wis. Durham, N.C.	1010	WINW	Tallahassee, Fla.	1270 1530
WRAK Williamsport, Pa. WRAM Monmouth, III.	1400 W	SAC	Fort Knox, Ky.	1470	WSRO	Marlborough, Mass,	1580	WTOC	Sayannah, Ga.	1380
WDAD Torrebonesty Ve	850 W 1000 W	SAL	New Britain, Conn. Boston, Mass. Fort Knox. Ky. Sarasota, Fla. Cincinnati, Ohio Grove City, Pa. Logansport, Ind. Saginaw, Mich. Allentown, Pa. Senatobia, Miss. Fall River. Mass.	1360	WSSA	College Park Ga	1590 1570 1490	WTOE	Spruce Pine, N.C.	1560 1470 1240
WRAW Reading, Pa. WRAY Princeton, Ind.	1340 W 1250 W	SAL	Logansport, Ind. Saginaw, Mich.	1230	WSSC WSSO	Durham, N.C. Sumter, S.C. Starkville, Miss.	1340	WTOP	Bellefontaine, O. Washington, D.C.	1390
WRAW Reading, Pa. WRAY Princeton, Ind. WRBC Jackson, Miss. WRBD Pompano Beach, Fia.	1300 W 1470 W	SAN	Allentown, Pa. Senatobia, Miss.	1470 1550	WSST	Largo, Fla. Petersburg, Va.	800	WTOR	Torrington, Conn. Marianna, Fla.	610 980
WRBL Columbus, Ga.	1580 W 1420 W	SAT	Fall River, Mass. Salisbury, N.C.	1280	WSTH	Taylorsville, N.C.	1400 880	WTPS	Paris, Tenn. Portage, Mich.	710 1560
WRC Washington, D.C. WRCD Dalton, Ga. WRCH New Britain, Conn. WRCK Tuseumbia, Ala. WRCO Richland Center, Wis.	980 W 1430 W	SAV	Senatobia, Miss. Fall River, Mass. Salisbury, N.C. Wausau, Wis. Savannah, Ga. Rochester, N.Y. tlanta, Ga. York, Pa. New Smyrna Beach,	630	WSTL	Starkville, Miss. Largo, Fia. Petersburg, Va. Stamford, Conn. Taylorsville, N.C. Woodstock, Va. Eminence, Ky. Sallsbury, N.C. Sturgis, Mich. Stuart, Fla. Stubenville, Ohio Christiansted, V.I. Groton, Conn.	1230 1600 149	WTOY	Roanoke Va.	1570 910 1570
WRCH New Britain, Conn. WRCK Tuscumbia, Ala.	910 W 1410 W	SB A	tlanta, Ga. York, Pa.	750 910	WSTR WSTU	Sturgis, Mich. Stuart, Fla.	1230	WTRA	Latrobe, Pa. Ripley, Tenn.	1480 1570
WRCO Richland Center, Wis.		SBB Fla.	New Smyrna Beach,	1230	WSTV	Steubenville, Ohio Christiansted, V.I.	1340 970	WTRE	Selma, Ala. Latrobe, Pa. Ripley, Tenn, Eikhart, Ind. Greensburg, Ind. Brunswick, Md. Bradenton, Fla. Tyrone	1340 1330
WRCP Philadelphia, Pa. WRCS Ahoskie, N.C.	970 W	SBC	Rose Raton Fla	740	WSUB	Groton, Conn. Oxford, Miss. Iowa City, Iowa St. Petersburg, Fla.	980 1420	WTRL	Brunswick, Md. Bradenton, Fla.	1490
WRDN Durand, Wis.	1430 W	SBT	Gt. Barrington, Mass, South Bend, Ind. Chattahoochee, Fla. Panama City Beach,	960 1580	WSUN	St. Petersburg, Fla. Seaford, Del.	910 620 1280	WTRO	Dyersburg, Tenn.	1340 1330 620
WRCP Philadelphia, Pa. WRCS Ahoskie, N.C. WRDB Reedsburg, Wis. WRDD Durand, Wis. WRDO Augusta, Maine WRDS S. Charleston, W.Va. WRDW Augusta, Ga. WREB Holyoke, Mass, WREC Memphis, Tenn, WREL Lexington, Va.	1410 W	SCM Fla.	Panama City Beach,	1290			800 550	WTRO	Tyrone, Pa, Tyrone, Pa, Dyersburg, Tenn, LaGrange, Ga, Warsaw, N.C. Sanford, Fla, Dunnellon, Fla, Muskegon, Mich, Flint Mich	1560
WREB Holyoke, Mass. WREC Memphis, Tenn.	930 W	SCO	Taylorsville, Miss. Scranton, Pa.	1320	WSVL	Harrisonburg, Va. Shelbyville, Ind. Valdese, N.C. Valdese, N.C. West Warwick, R.I.	1520 1490	WTRS	Dunnellon, Fla. Muskegon, Mich.	920 1600
WREL Lexington, Va. WREM Jenkins, Ky. WREN Topeka, Kans.	1450 W 1000 W	SCV	Taylorsville, Miss, Scranton, Pa, Peterborough, N.H. Sterling, III, Ypslianti, Mich. Sebring, Fla. Pentotoc, Miss. Donalsonville, Ga. Baldwinsville, N.Y.	1050 1240 1480	WSVM	West Warwick, R.I.	1490 1450 800	WTRY	Muskegon, Mich. Filint, Mich. Troy, N.Y. Brattleboro, Vt. Lumberton, N.C. Hanover-Lebanon, Hampshire Dover, N.H. Madison, Wis. Claremont, N.H. Vero Beach, Fla. Towanda, Pa.	980 1450
WREV Reidsville, N.C. WREV Reidsville, N.C. WREY New Albany, Ind.	970 W 1220 W	SEB	Sebring, Fla.	1340	WSWN	Relle Glade Fla	900	WTSB	Lumberton, N.C.	1340
WREY New Albany, Ind. WRFC Athens, Ga.	1290 W 960 W	SEM	Donalsonville, Ga. Baldwinsville, N.Y.		WSWV	Berea, Ky. Pennington Gap, Va. Platteville, Wis.	1570	WTSN	Hampshire Dover, N.H.	1400 1270
WRFC Athens, Ga. WRFD Worthington, Ohio WRFS Alexander City, Ala.	880 W	SEV	Elkton, Md. Sevierville, Tenn.	930	WSYB	Pennington Gap, Va. Platteville, Wis. Rutland, Vt. Mt. Airy, N.C. Sylvania, Ga. Syracuse, N.Y. Tabor Clty, N.C. Flint, Mich. Quiney, Ill	1380	WTSO	Madison, Wis. Claremont, N.H.	1230
WRGA Rome, Ga, WRGA Richmond, Va. WRGS Rogersville, Tenn. WRHC Jacksonville, Fla. WRHC Rock Hill, S.C. WRHL Rochelle, Ill. WRIB Providence, R.I. WRIC Richlands, Va. WRIE Erie. Pa.	1470 W 1540 W 1370 W	SFB	Sellingsgrove, Pa. Quitman, Ga. Semerset, Ky. Sanford, Fla. Thomaston, Ga. Seneca Fatls, N.Y. Savannah, Ga. Sutton, W.Va. Elberton, Ga. Birminnaham, Ala.	1490 1240	WSYR	Syracuse, N.Y.	570 1370	WITE	Towanda, Pa. Tiffin, Ohio	1490 1550 1800
WRHC Jacksonville, Fla. WRHI Rock Hill, S.C.	1400 W 1340 W	SFR	Sanford, Fla. Thomaston, Ga.	1300	WTAC	Flint, Mich. Quincy, III.	600	WITL	Dalton, Ga. Madisonville, Ky.	1530
WRIL Rochelle, III. WRIB Providence, R.I.	1060 W 1220 W	SFW	Seneca Falls, N.Y. Savannah, Ga.	1400	WTAG	Quincy, III. Pittsburgh, Pa. Worcester, Mass. Eau Gallie, Fla.	1250 580	WITM	Trenton, N.J. Watertown, Wis.	920 1580
WRIC Richlands, Va. WRIE Erie, Pa. WRIG Wausau, Wis, WRIM Pahokee, Fla.	1330 W	SGC	Elberton, Ga.	1400	WTAL	Tallahassee, Fla.	1450	WITTE	Town of the control o	1520 1470 1370
WRIM Pahokee, Fla. WRIN Rensselaer, Ind	1250 W	SGO	Oswego, N.Y. Saginaw, Mich.	1440 790	WTAP	Parkersburg, W.Va.	1230	WITT	Amherst, Mass. Tuscaloosa, Ala.	1430 790
WRIN Rensselaer, Ind. WRIP Rossville, Ga. WRIS Roanoke, Va. WRIT Milwaukee, Wis. WRIV Riverhead, N.Y.	980 W 1410 W 1340 W	SHE	Elberton, Ga. Birmingham, Ala. Oswego, N.Y. Saginaw, Mich. Raeford, N.C. Sheffield, Ala. Fremont, Mich.	1400 1290	WTAR	Norfolk, Va. College Station, Tex.	790	WTUP	Topelo, Miss. Wilmington, Del.	1490
WRIV Riverhead, N.Y.	1340 W 1390 W	SHO	Fremont, Mich. New Orleans, La,	800	WTAY	Springfield, III. Robinson, III.	1240	WTVL	Coldwater, Mich. Waterville, Maine	1590 1490
WRIZ Coral Gables, Fla. WRJC Maunston, Wis.	1270 W	SHY	Fremont, Mich. New Orleans, La, Shippenburg, Pa, Shelbyville, III. Beaufort, S.C. Statesville, N.C. Baltimore, Md. Mount Lackson, Va	1560	WTBF	Tallahassee, Fia. Clearwater, Fia. Parkersburg, W.Va. LaGrange, III. Norfolk, Vs. College Station, Tex. Springfield, III. Robinson, III. Tuscaloosa, Ala. Troy, Ala. Cumberland, Md. Parsons, Tenn, Waterbury, Conn. Plymouth, Ind.	970	WTVR	Richmond, Va.	610 1380 1240
WRJW Picayune, Miss. WRKB Kannapolis, N.C.	1320 W 460 W	SIC S	Statesville, N.C. Baltimore, Md.	1400	WTBP	Parsons, Tenn, Waterbury, Conn.	1550	WTWE	Auburndale, Fla.	1570 1340
WRKD Rockland, Maine WRKL New City, N. Y.	1450 W 910 W	SIG I	Mount Jackson, Va. Paintsville, Ky.	790 1490	WTCA	Plymouth, Ind. Flomaton, Ala.	990	WIXL	W. Spgfd., Mass. Rock Hill, S.C.	1490
WRKM Carthage, Tenn. WRKN Brandon, Miss.	910 W	SIR	Winter Haven, Fla. Pekin, III.	1490	MICH	Shawano, Wis. Tell City, Ind.	960	WTYL	Tylertown, Miss. East Longmeadow,	1290
WRIZ Coraf Gables, Fla. WRJC Maunston, Wis. WRJN Racine, WIS. WRJN Pleayune, Miss. WRKB Kannapolis, N.C. WRKD Rockland, Maine WRKL New City, N. Y. WRKM Carthage, Tenn. WRKN Brandon, Miss. WRKO Boston, Mass. WRKT Cocoa Beach, Fla. WRKV Rockville, Conn. WRLD Lanett, Ala W. Point, Ga.	1300 W	SIZ	Nashville, Tenn. Deilla, Ga.	1380	WICM	Traverse City, Mich.	1400	WTYN	Tyron, N.C.	1800 1550 1340
WRLD Lanett, Ala W. Point, Ga.	1490 W	SJM	St. Joseph, Mich. Modawaska, Me.	1400	WTCR	Ashland, Ky.	1420	WTZE	Tazewell, Va.	1470
WRMA Montgomery, Ala. WRMF Titusville, Fla.	950 W 1050 W	SIS A	Winston-Salem, N.C. Woodruff, S.C.	600 1510	WICW	Whitesburg, Ky. Philadolphia, Pa.	920 860	WUCR	Sparta, Tenn. Lewisburg, Pa.	1010
WRMN Elgin, III.	1430 W	SKI	Hontpelier-Barre, Vt.	1240	WIGA	Myrtle Beach, S.C.	1520	WUFF	Eastman, Ga.	710 1080
WRMT Rocky Mount, N.C.	1490 W	SKY	Asheville, N.C.	1230	WTHE	Milford, Del. Mineola, N.Y	930	WULA	Eufaula, Ala.	1240 1400
WRNC Raleigh, N.C. WRNG N. Atlanta, Ga.	1240 W 680 W	SLG SLI J	Donaldsonville, La.	1090	WTHE	Terre Haute, Ind. Lapeer, Mich.	1480	WUML	Gainesville, Fla. Aquadilla, P. R.	1390 1340
WRNY Rome, N.Y.	910 W	SMA	Marine City Mich. Salem, Ind.	1590 1220	WTHO	Thomson, Ga. Thurmont, Md.	1830 1450	WUNI	Mobile, Ala. Mason, Mich.	1410
WROB West Point, Miss.	1450 W	SLS	Roanoke, Va.	610	WTID	Newport News, Va.	1270	WUNE	Brookline, Mass.	1320 1600 1270
WROD Daytona Beach, Fla. WROK Rockford, III.	1340 W	Pt., I	statesville, N.C. Baltimore, Md. Mount Jackson, Va. vaintsville, Ky. Winter Haven, Fla. vekin, III. Nashville, Tenn. beilla. Ga. Magee, Miss. St. Joseph, Mich. Modawaska, Me. Vinston-Salem, N.C. Weodruff, S.C. Everett, Pa. Montpelier-Barre, Vt. Knoxville, Tenn. Asheville, N.C. Ogdensburg, N.C. Ogdensburg, N.C. Ogdensburg, N.C. Ogdensburg, N.C. Ogdensburg, N.C. Ostaldsonville, La. ackson, Miss. Salem, Ind. Akron, Ohio Goarnoke, Va. Ocean City-Somers V.J. Ardmore, Tenn. ashville, Tenn.	1520	WTIG	Massifton, Ohio Durham, N.C.	990	WUPR	Utado, P.R. Bethesda, Md.	1530 1120
WILD Lanett Ala- W Pointed Ala- W Pointed Ala- W Pointed Ala- W M Montgomery, Ala- W M M Titusuline, Fla. W M M Fittusuline, Fla. W M M Fittusuline, Fla. W M M Egin, Ill, W M M Rocky Mount, N.C. W N M Beardstown, Ill, W M M Rocky Mount, N.C. W N M Reigh, N.C. W N M Reigh, N.C. W N M Reigh, N.C. W N M Reigh, N.C. W N M Reigh, N.C. W N M M Reigh, N.C. W N M M Reigh, N.C. W N M M Reigh, N.C. W N M M Reigh, N.C. W N M M Reigh, N.C. W N M M Reigh, N.C. W N M M Reigh, N.C. W N M M M M M M M M M M M M M M M M M M	1490 W	SM N	ashville, Tenn.	650	WTIL	Parsons, Tenn, Waterbury, Conn, Plymouth, Ind. Flomaton, Ala, Shawano, Wis, Tell City, Ind. Warren, Ohlo Traverse City, Mich, Campbellsville, Ky, Ashland, Ky, Fairmount, W, Va, Whitesburg, Ky, Philadolphia, Pa. Thomaston, Ga, Myrtle Beach, S.C. Augusta, Ga, Millord, Del, Millord, Del, Millord, Del, Thomston, Mt. Terre Haute, Ind. Lapter, Mich. Thomston, Md. Hartford, Conn. Newport News, Tiffon, Ga, Massillon, Ohio Durham, N.C. Mayaguez, P.R.	1300	isuw	Tyretown, misch gas by lettown, Misch gas Longmeadow, Tyron, N.C. Marianna, Fla. Towell, R. G. Grand, T. G. G. G. G. G. G. G. G. G. G. G. G. G.	1340

Call	Location	kHz	Call	Location	kHz	Call	Location	kHz	Call	Location	kHz
WUWU	Gainesville, Fla.	1390		Spencer, W. Va.	1400	WWON	Woonsocket, R.I.	1240	WYCL	York, S.C.	980
	Virginia Bch., Va.	1550		Vernon, Ala.	1380	WWOW	Conneaut, Ohio	1360	WYDE	Birmingham, Ala.	850
WVAK	Paoli, Ind.	1560	WVSC	Somerset, Pa.	990	WWPA	Williamsport, Pa.	1340	WYDK	Yadkinville, N.C.	1480
WVAL	Sauk Rapids, Minn,	800	WVSM	Rainsville, Ala.	1500	WWPF	Palatka, Fla.	1260	WYFE	Rockford, III.	1150
WVAM	Altoona, Pa.	1430	WVVW	Grafton, W.Va.	1260	WWRL	New York, N.Y.			Corbin, Ky.	1330 940
WVAP	Burnettown, S.C.	1510	WVWI	Charlotte Amalie, V.I.	1000	WWSC	Glens Falls, N.Y.		WYLD	New Orleans, La. Jackson, Wis.	540
	Richwood, W.Va.		WWAL	Lakeland, Fla.	1330 1370		Monticello, Fla. Loretto, Pa.	1090		York, Ala.	1350
	Shallotte, N.C.	1410	WWR	M Cadillac, Mich. St. Petersburg, Fla.	680	WWSP	St. Albans, Vt.	1400	WYMR	Manning, S.C.	1410
	Windermere, Fla.			Cocoa, Fla.		WWST	Wooster, Ohio	060	WYNA	Raleigh, N. C.	1550
WVCH	Coral Gables, Fla. Chester, Pa.	740	WWB	Bamberg-Denmark,	1010	WWSW	Pittsburgh, Pa.	970	WYND	Sarasota, Fla.	1280
WVEC	Hampton, Va.	1490	S.C.	Damber y-Demmark,	790	WWTC	Minneapolis, Minn,	1280		Appleton, Wis.	1150
	Mt. Dora, Fla.	1580	WWRE	Windher, Pa.	1350	WWUN	Jackson, Miss.	1590	WYNG	Goldsboro, N.C.	1300
WVIC I	E. Lansing, Mieh.	730	WWBZ	Vineland, N.J.	1360	WWVA	Wheeling, W.Va.	1170	WYNK	Baton Rouge, La.	1380
WVIM	Vicksburg, Miss.	1490	WWCA	Gary, Ind.	1270	WWWB	Jasper, Ala.	1360	WYNN	Florence, S.C.	540
WVIP	Mt. Kisco, N.Y.	1310	WWCC	Bremen, Ga.	1440	WWWC	Wilkesboro, N.C.	1240	WYNR	Brunswick, Ga.	790
WVIP	Caguas, P.R.	1110	WWCH	Clarion, Pa.	1300	WWWF	Fayette, Ala.	990	WYNS	Leighton, Pa.	1150
WVIS (Owensboro, Ky,			Brazil, Ind.	1130	WWWR	Russellville, Ala.	920	WYNX	Smyrna, Ga.	1550
WVKO	Columbus, Ohio	1580	WWCO	Waterbury, Conn.	1240	WWXL	Manchester, Ky.		WYNZ	Ypsilanti, Mich.	1520
WVKY	Louisa, Ky.	1270	WWDA	Wisconsin Dells, Wis	. 990	WWYN	Erie, Pa.	1260	WYOU	Tampa, Fla.	1550
WVLC	Orleans, Mass.			Washington, D.C.	1260	WWYO	Pineville, W.Va.	970	WYPR	Danville, Va.	970
WVLD	Valdosta, Ga.			Murfreesboro, N. C.	1080	WXAL		1400	WYRE	Annapolis, Md.	810
WVLK	Lexington, Ky.	590	WWFL	Cleremont, Fla.	1340	WXCL	Peoria, III.	1350	WYRN	Leuisburg, N.C.	1480
WVLN	Olney, III.		WWGN	Nashville, Tenn,	1560	MXCO	Wausau, Wis. Richmond, Va.	1230	WYRU	Red Springs, N.C.	1510
WVLY	Water Valley, Miss.	1320	WWGO	Erie, Pa,	1450	WXGI	Richmond, Va.	950	WYSE	Inverness, Fla.	1380
WVMC	Mt. Carmel, III.	1360	WWGF	Sanford, N.C.	1050	WXII	Charleston, W.Va.	1490	WYSH	Clinton, Tenn. Buffalo, N.Y.	1400
WVMG	Cochran, Ga.	1440	WWGS	Tifton, Ga.	1430	WXKW				Franklin, Va.	1250
WVMI	Bilexi, Miss.	570	WWHO	Hornell, N.Y.	1320	MYLI		1230	WYTH	Madison, Ga,	1250
WVMT	Burlington, Vt.	620	WWHY	Huntington, W.Va.	1470		Big Delta, Alaska Potomac-Cabin John,	960	WYTI	Rocky Mount, Va.	1570
WVNA	Tuscumbia, Ala.		WWIN	Baltimore, Md.	1400	WYLIA	Potomac-Capin John,	950	WYVE	Wytheville, Va.	1280
	Newark, N.J.	620	Wis.	Black River Falls,	1260	WYIW	Indianapolis, Ind.	950	WVWV	Barbourville, Ky.	950
	Bel Air, Md. Battle Creek, Mich.	1520	WWIT	Canton, N.C.	970	WYOK	Baton Rouge, La.	1460	WYXI	Athens, Tenn.	1390
	Chadburn, N.C.	1590	wwi	Detroit, Mich.	950	WXOX	Bay City, Mich.	1250	WYYY	Kalamazoo, Mich.	1470
	New Orleans, La.	600	WWIR	Brooksville, Fla.			Eatonton, Ga.	1520	WYYZ	Jasper, Ga.	1580
WVOH	Hazelhurst, Ga.			Duluth, Minn,	850	WXMT	Merrill, Wis.	730	WYZE	Atlanta, Ga,	1480
WVOI	Jacksonville, Fla.	1320		Ocala, Fla.	1370	WYTN	Lavinatan Mice	1000	WZAM	Prichard, Ala.	1270
WYOK	Birmingham, Ala.	690	WWKC	Fair Bluff, N.C.	1480	WXRF	Guayama, P.R.	1590		Bristol, Va.	690
WVOL	Berry Hill, Tenn.	1470	WWK	Winchester, Ky.	1380	WXKL	Lancaster, N.Y.	1300	WZBN	Zion, III,	1500
WVOM	luka, Miss.	1270	WWL	New Orleans, La.	870	WXTR	Pawtucket, R.I.	550	WZEP	DeFuniak Sprgs., Fla.	1460
WVON	Cicero, III.	1450	WWLE	Cornwall, N.Y.			Charles Town, W.Va.		WZIP	Cincinnati, Ohio	1050
WVOP	Vidalia, Ga.	970		Portage, Pa.	1470	WXVI	Riviera Beh., Fla.	1600	WZKY	Albermarie, N.C.	1580
WVOS	Liberty, N.Y.	1240	WWNC	Rochester, N.H.	930	WXVW	Jeffersonville, Ind.	1450		Ft. Payne, Ala,	1250
WVOT	Wilson, N.C.	1420	WWNF	Beckley, W.Va.	620	WXXX	Hattiesburg, Miss.	1310	WZOF	Princeton, III.	1490
WVOV	Huntsville, Ala.			Statosboro, Ga.	1240	WXYZ	Detroit, Mich.	1270		Asheboro, N.C.	710
	Logan, W.Va.			Watertown, N.Y.	790	WYAL		1280		Leesburg, Fla.	1410
	New Rochelle, N.Y.	1460	WWOD	Lynchburg, Va.	1390		Bessemer, Ala.	1450		Carnegie, Pa.	1590
WVOZ	Carolina, P.R.			Miami, Fla.	1200	WYRC	Yazoo City, Miss.			Cowan, Tenn.	1440
WVPO	Stroudsburg, Pa.	840	WWOL	Buffalo, N,Y,	1120	WIBG	Massena, N. Y.	1030	WATA	Cowaii, Teilii.	1440

United States FM Stations by Location

Location	Call	MHz	Location	Call	MHz	Location	Call	MHz	Location	Call	MHz
ALA	BAMA		Scottsboro	WCNA-FM	98.3	DeWitt	KDEW-FM	96.7		KPAT-FM	102.9
250	D'AINIA.		Selma	WTUN	1.00.1	El Dorado	KRIL KELD-FM	99.3	Bishop Buena Park	KIBS-FM KBPK	90.1
Abbevillo	WARI-FM	94.3	Sheffield	WRCK-FM	106.3	Fayetteville	KKEG	92.1	Carlsbad	KARL-FM	95.9
Albertville	WOSB	105.1	Sylaeauga Tusoumbia	WMLS-FM WVNA-FM	100.3	rayotteville	KKEG	103.9	Carmel	KIRB	101.7
Alexander City	WRFS-FM	106.1	Tuscaloosa	WUOA	95.7	Forrest City	KREC	93.5	Cathedral City	KWXY-FM	103.1
Andalusia	WNBX	98.1	1 wavaryou	WACT-FM	105.5	Ft. Smith	KISR	93.7	Chico	KCBM	93.7
Anniston	WHMA-FM	100 5				A PROPERTY OF THE PARTY OF THE	KMAG	99. F	17.7	ксно	91.1
Athens	WJOF	104.3		ALASKA			KTCS-FM KHOZ-FM	99.9		KEQR	95.1
Atmore	WATM-FM WFRI	97.7		ALCONG.		Harrison	KHOZ-FM	102.9	Claremont	KSPC	88.7
Auburn	WEGL	91.1	Anchorage	KNIK-FM	105.5	Helena Hot Springs	KCRI KBHS-FM	107.5 96.7	Coachella Cupertino	KVIM	93.7
Bay Minette	WWSM	105.5		KHAR-FM	103.9	not obtings	KGUS	97.5	Concord	KKUP	91.1
Birmingham	WAPI.FM	94.5)	KWKO	102.1	Jacksonville	KGMR-FM	97.5 100.3	Davis	KDVS	91.5
	WBRC-FM WCRT-FM	106.9	College	KUAC	104.7	Jonesboro	KBTM-FM	101.9	Delano	KDNO	98.5
	WCRT-FM	96.5					KASU KMYO-FM	91.9	Del Rev Oaks	KPLN	107.1
	WDJC	93.7		ARIZONA		Little Rock	KMY0-FM	95.7	El Calon	KECR	93.3
	WENN-FM WJLN-FM	107.7					KRAA	94.1	El Centro	KNEU	98.5
	WVSU-FM	91.1	Flagstaff	KAFF-FM	92.9	Magnolia	KFMV	107.9	Escondido	KOWN-FM KFMI	92.1 96.3
Carrollton	WWAG	94.1	1	KAXR	88.5	Mammoth Spring Mena Monticello	g KAMS	95.1 101.7	Eureka Fremont	KFMR	104.0
Clanton	WEZZ	97.7	Glendale	KXTC	92.3	Monticello	KHRM-FM	93.5	Fresno	KARM-FM	101.9
Cullman	WEMH-EM	101.1	Globe	KW1B-FM	100.3	Mountain Home	KTI O.FM	98.3	1163110	KFIG	94.5
	WKLN WDRM	92.1	Mesa	KMND-EM	93.3	Mountain Home Newport	KNBY-FM	105.5		KFRE-FM	93.7
Decatur	WDRM	102.1	Phoenix	KXTC KWJB-FM KBUZ-FM KMND-FM KRFM	95.5	Osceola	KOSE-FM KHIG	98.1		KFRE-FM KKNU KMJ-FM	102.7
	WRSA	96.9	" " " " " " " " " " " " " " " " " " "	KFCA	915	Paragould	KHIG	104.9		KMJ-FM	97.9
Dotham	WOOF-FM WTVY-FM	99.7 95.5		KMEO-FM	96.9	Pine Bluff	KADL-FM KOTN-FM	94.9	Garden Grove	KYNO-FM KTBT	95.5 94.3
Enterprise	WIRB-FM	96.9	l	KFCA KMEO-FM KODL-FM KNIX-FM	94.5	Pochontas	KPOC-FM	92.3 103 9	Gilroy	KPER	94.3
. Eufala	WULA-FM	92.7		KNIX-FM	102.5	Regers	KAMO-FM	04 3	Glendale	RUTE	101.9
Fairhope	WABF-FM	92.1		KTAR-FM	98.7 101.5	Siloam Springs	KUOA-FM	105.7	Hemet	KHSĴ-FM	105.5
Florence	WQLT	107.3	Scottsdale	KHEP-FM KDOT-FM		Springdale	KAMO-FM KUOA-FM KSPR-FM	104.9	Inglewood	KTYM-FM	103.9
Gadsden	WLJM	103.7	Show Low	KVWM-FM	93.5	Техагкапа	KADO	#07 I	Irvine	KUCI	89.9
Geneva	WGEA-FM	93.5	Tempe	KUPD-FM	97.9		KOSY-FM	102.5	La Canada	KUNF	88.9
Guntersville	WTWX	95.9	Tueson	KEMM	99.5	Wynne	KWYN-FM	92.7	Lancaster	KOTE Kyte	106.3
Hamilton	WERH-FM	92.1		KAYN	94.9				Livermore	KYTE	101.7
Huntsville	WAHR	99.1 95.1	\	KCEE-FM	96.1	CALIF	ORNIA		Lodi Lompee	KXKX KLOM-FM	97.7 92.7
Jackson	WHOD-FM	104.9		KXEW-FM KWFM	93.7				Long Beach	KILH	102.3
Izener	WWWB.FM	102.5	l.,	KWFM	92.9	Alameda	KJAZ	92.7	Long Beach	KLON	88.1
Jasper Mobile	WKRG-FM	99.9	Yuma	KALJ	95.1	Anaheim	KEZR-FM	95.9		KNOB	97.9
	WLPR	96.1	\	KOFA	91.5	Angwin	KANG KAVR-FM	89.9		KPEÑ	97.7
	WMOB-FM	97.5		BUANCAC		Apple Valley	KAVR-FM	102.3	Los Altes	KFJC	89.7
	WZAM-FM	94.9	А	RKANSAS		Arcata	KHSC	90.5		KPEN	97.7
Monroeville	WMFC-FM	98.5				Auburn Avalon	KAFI KBIG-FM	101.1	Los Angeles	K1.08	95.5
Montgomery	WFMI	98.9	Arkadelphi	a KSWH	91.1	Bakersfield	KBIG-FM	94.1			107.5
	WAJM WCOV-FM	103.3	Benton	KOOM	107.1	Bakeroneru	KBBV	107.9		KBCA	105.1 96.3
	WHHY-FM	103.3 92.3 101.9 105.5	Blytheville Brinkley	KOOM KLCN-FM KBRI-FM	96.1		KGFM	101.5		KFSG KFAC-FM KFOX-FM	92.3
Muscle Sheats	WLAY-FM	105.5	Camden				KIFM Kzin-FM	96.5		KFOX-FM	100.3
Oneonta	WKID	97.7	Conway	KASC	91.5		KZIN-FM	107.9		KGBS-FM KHJ-PM	97.1
Ozark	WOAB	104.9		KVEE-FM	105.1	Berkeley	KPFA	94.1		KHJ-PM	101.1
Phenix City	WXLE	100.1	Crossett	KASC KVEE-FM KAGH-FM KCAB-FM	104.9		KALX	90.7		KJOI	98.7
Roanoke	WELR-FM	95.3	Dardanelle	KCAB-FM	102.3	l	KPFB	89.3	l	KKDJ	102.7

	WHI	TE'S		Location	Call		Location	Call	MHz	Location	Call	MHz
	R\ \	عالات		Santa Ana	KWIZ-FM KYMS	96.7 106.3	W. Hartford Westport	WWUH		Sarasota	WSAF-FM WSPB-FM WSEB-FM	102.5 106.3
		שופ)	Santa Barbara	KOSB-FM	91.5		WARE		Sebring Stuart	WMCF	92.7
	Π				KGUD-FM KMUZ	99.9	Dover	WDSD	94.7	Tallahassee	WGLF WFSU-FM WBGM-FM	104.1 91.5
				Santa Clara	KMUZ KTMS-FM KREP KSCO-FM	97.5 105.7	Georgetown Wilmington	WSEA WMPH	93.5		WOMA	94.9
	Location	Call	MHz	Santa Cruz Santa Maria	KSCO-FM KXFM KSMA-FM KCRW	99.1	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	WJBR WSTW	99.5 93.7	Tampa	WDAE-FM WFLA-FM WLCY-FM	93.3
		KMET	94.7	Santa Monica	KCRW	89.9	_ n	C.			WPKM	94.9 104.7 89.7
		KNX-FM KOST KPFK		Santa Rosa Sierra Madre	KSRF KZST KMAX	1.001	1	WASH		Titusville Vero Beach	WRMF-FM WGYL	98.3 93.5
9	4.	KPOL-FM KUSC	90.7 93.9 91.5	Sonora Stanford	KVML-FM KZSU	92.7 90.1	Washington	WAMU-FM	88.5 90.9	West Palm Bear	WEAT-FM	
		KWST KXLU	105.9	Stockton	KUOP	91.3		WETA-FM WFAN-FM WGAY	100.3 99.5	Winter Haven	WIRK-FM	107.9 97.5
	Los Angeles-Ava	KHOF	99.5		KSJC-FM KSTN-FM	89.5 107.3	1	WGMS-FM WGTB	103.5	Winter Park	WXKL WPRK WLOQ	91.5
	Los Banos	KBIG-FM KLBS-FM KLGS	104.3 95.9	Tahoe Valley Thousand Oaks	KUOP KJAX KSJC-FM KSTN-FM KTHO-FM KNJO KNHS	103.1 92.1	İ	WMAL-FM WMOD	107.3 98.7	GFO	RGIA	
	Los Gatos Marysville		95.3 99.9	Torrance Tracy	KSRT	100 3	1	WRC-FM WTOP-FM	93.9			104 5
	Menducino Merced	KMFB-FM KAMB	92.7 [0].5	Truckee Tulare	KNLT KBOS KNNU	101.7 94.9	FLO	RIDA		Albany Americus	WGPC-FM WJIZ WDEC-FM	96.3 94.3
	Modesto	KBEE-FM KTRB-FM KDHS	103.3	Twenty-Nine Pal	Ims				05.3	Athens	WNGC WDOL-FM	95.5
				Ukiah	KUKI-FM	95.7 93.5	Apopka Atlantic Beach Belle Glade	WTLN-FM WJNJ-FM WSWN-FM	93.5 93.5	Atlanta	WABE WPLO-FM	90.1
	Monterey Newport Beach	KWAY KOCM	96.9	Vacaville Ventura	KLIL	94.3 95.3	Blountstown Boca Ratan	WRTV	102.3		WGKA-FM WKLS	92.9 96.1
	Northridge Oceanside Ontario	KEDC-FM KUDE-FM KSOM-FM	88.5 102.1	Ventura-Oxnard Visalia	KBBY KVEN-FM	95.1	Boynton Beach Bradenton	WHRS WBRD-FM	99.9 91.7		WRAS WREK	88.5 91.1
	Oxnard Pacific Grove	KPMJ	104.7	Walnut Creek West Covina	KDFM	92.1 98.3	Clearwater	WTAN-FM WQXM	95.7		WSB-FM WLTA-FM	98.5 99.7
	Palm Springs Pasadena	KDES-FM	104.7	Woodland	KRBT	102.5	Cocoa Cocoa Beach	WEZY-FM WCKS	99.3	Augusta	WAUG-FM WACG-FM	90.7
	Patterson	KPPC-FM	106.7 93.1	COLC	DRADO		Coral Gables	WKPE-FM WYOR	F04.11		WGUS-FM	104.3 102.3
	Paso Robles Porterville	KPRA KIOO	94.3 99.7	Alamosa	KASF	90.9	Crestview_	WVUM WAAZ-FM	90.5 104.9	Bainbridge Blue Ridge	WZZW WMGR-FM	97.3
	Redding Redondo Beach	KEMB	104.3 93.5	Aspen	KASF KGIW-FM KSPN	93.5 97.7	Daytona Beach	WNDB-FM WMFJ-FM W000-FM	94.5 101.9	Brunswick	WPPL WGIG-FM WYNR-FM	100.7
	Redlands	KCAL-FM KUOR-FM	96.7 83.1	Boulder	KRNW KBVL KRCC	97.3	DeLand Dunnellon	WTRS.FM	105 31	Buford Canton	WGC0 WCHK-FM	102.3
	Ridgecrest Riverside	KBBL	105,5	Colorado Springs	KRCC KKFM KVOR-FM	96 3	Fort Lauderdale	WFTL-FM WAXY WMJR	106.7	Carrollton Cochran	WBTR-FM WVMG-FM	92.1 96.7
		KACE-FM KDUO	92.7 97.5		KPIK-FM	92.9 94.3	Et Maure	WSRF-FM WINK-FM	100.7	Columbus	WRBL-FM	102.9
	Poseville	KLLU KPIP	89.7 93.5		KRDO-FM KRYT-FM	95.1	Ft. Meyers	WHEW WSOR	101.9	Cordele	WHYD-FM WWRH WFAV	104.9 98.3
	Sacramento	KCTC	96.1 90.7	Denver	KADX KCFR KFML-FM	90.1	Ft. Pierce	WARN-FM WOVV	95.3 98.7	Cornelia Dawson	WCON-FM	99.3 92.1
		KFBK-FM KEBR	92.5		KLIR.FM	100.3	Ft. Walton Beach	h WFTW-FM	95.5	Decatur	WDWD-FM WAVO-FM WOKA-FM	94.9
		KIME	106.5		KLZ-FM KHOW-FM KOA-FM	95.7	Gainesville	WRUF-FM WGVL	103.7	Douglas Dublin Gainsville	WOKA-FM WXLI-FM WDUN-FM	92.7 106.7
		KSFM KXOA-FM KZAP	96.9 107.9 98.5		KOSI-FM KBPI	1.101	Hialeah Immokalee		92.1 95.9	Griffin	WKEU-FM	97.1 9 7. 7
	Salinas	KSBW-FM KRSA-FM	102.5	Ft. Collins	KCSILEM	99.5	Jacksonville	WCOF-FM WJAX-FM WQJK-FM	95.1	Hawkinsville Jackson	WCEH-FM WJGA-FM	103.9 92.1
	San Bernardine	KERR	103.9	Ft. Morgan	KIIX-FM KFTM-FM	93.3		WIVY-FM WKTZ-FM	102.9 96.1	Jesup La Grange	WLAG-FM	105.5 104.1
	San Clemente	KOLA	99.9	Grand Junction Greeley	KREX-FM KUNC-FM	92.3	Jupiter Key West Lake City	WJTS-FM WFYN-FM	96.7 92.5		WDEN-FM WMAZ-FM	99.1
	San Diego	KOGO-FM KBKB	94.1	Gunnison	KGRE	92.3	Lake City Lakeland	WTDL-FM WVFM	94.3 94.1	Manchester Marietta Milledgeville	WFDR-FM WBIE-FM	93.3
		KFMB-FM KFMX	96.5	Lakewood Longmount	KWSB-FM KJAE KLMO-FM KLOV-FM KCMS-FM	107.5	Leesburg Marianna	WLBE-FM	106.7	Moultrie Newnan	WMVG-FM WMTM-FM WCOH-FM	93.9
		KDIG	105.3	Loveland Manitou Springs			Melbourne Miami	WYRL WTMI	93.1	Perry Rockmart	WPGA-FM	100.9
		KLRO KPRI KPBS-FM	94.9 106.5	Morrison Pueblo	KWBI	91.1		WJHR WGOS-FM WIGL	96.3	Rome	WRGA-FM	102.3
		KSDS	89.5 88.3 102.9	Rocky Ford Salida	KTSC-FM KAVI-FM KVRH-FM	89.5 95.9 92.1		WIOD-FM	97.3	Rossville Savannah	WRIP-FM WTOC-FM	105.5 94.1
		KSDO-FM KSEA	103.7	The second		92.1	1	WMCU	89.7 96.3		WAFW WEAS-FM WXLM	93.1
	San Fernando San Francisco	KVFM	94.3		ECTICUT			WTHS-FM WEDR	91.7	Smyrna	WQXI-FM	97.3 94.1
	0	KCBS-FM	98.9	Bridgeport	WPKN	89.5	Miami Beach Milton	WOCN-FM	94.9	Statesboro Swainsboro	WMCD WMTR	100.1
		KEAR	97.3	Brookfield Danbury	WINE-FM WLAD-FM	95.1 98.3	Mt. Dora Naples	WXBM-FM WORJ-FM WNFM	107.7	Thomasville Thomson	WTHO-FM	101.7
	•	KFPR		Fairfield Groton		011	Ocala	WMOP-FM	93.7	Toccoa Vidalia	WVOP-FM	97.7
		KNRR-EM	101.3	Hamden Hartford	WSUB-FM WKCI WHCN-FM WDRC-FM	101.3	Okeechobee Orlando	WDBO-FM	92.3	Warner Robins	WGOV-FM WRBN-FM	92.9 101.7
		KMPX	106.9	-1.11		100.9	Uncare.	WHOO.EM	96.5	Washington W. Point	WLOV-FW	100.1
		KRON-FM KRON-FM KSAN	88.5 96.5		WRTC-FM	93.7 89.3		WKIS-FM WWQS	100.3	НА	WAII	
		KSAN KSFX KCMA	94.9	Hartford-Meride	WTIC-FM	96.5	Palm Beach Panama City	WMUM WMAL-FM	97.9 107.9	Hile	KKEA	97.9
		KABL-FM KKHI-FM	90.3	Kent	WBMI-FM WKSB WESU	95.7 90.9 88.1	Danasa ta	WGNE-FM WPAP-FM	98.5	Honolulu	KAIM-FM	95.5 94.7
ŗ	San Jose	KKHI-FM KSJO-FM KBAY	95.7 92.3	Middletown	WIRS	104.9	Pensacola	WPEX-FM WCOA-FM	94.1		KGMB-FM KHVH-FM	93.1 93.9
		KOME	98.5	New Britain New Haven	WRCH-FM WNHC-FM	99.1	Diantation Vo	WONF WPCS WXOS	89.3	12120	KPOI-FM KTUH	97.5 90.5
	Con Luis Obia	KOME KSJS KPLX KATY-FM	90.7	New London Norwalk	WNHC-FM WYBC-FM WTYD WDRN	94.3	Plantation Key Pompano Beach Punta Gorda	WRBD-FM WCCF-FM WCNH-FM	100.3	Kailua Waipahu	KULA	96.3 92.3
	San Luis Ohispo	KATY-FM KCPR KSBY-FM	96.1 91.3 93.3	Norwich Stamford	WICH-FM WSTC-FM WHUS-FM	95.9 97.7 96.7	Quincy Riviera Beach	WCNH-FM	92.7		KWPH	92.3
	San Mateo	KCSM	90.9	Storrs Wallingford	WHUS-FM	96.7 91.7 90.1	St. Augustine St. Petersburg	WGMW WFOY-FM WGNB	94.3 97.7	ID.	АНО	
	San Rafael	KZSU	90.1	Waterhury	WWEB-FM WATR-FM WWCD-FM	92.5	or receising	WQYK-FM WWBA-FM	99.5	Boise	KBOI-FM KBBK-FM	97.9 92.3
	QQ	KTIM-FM	100.9		# C D • F M	104.1		11 DA-1 M	107.3	COMMINIC		

Laurelan	Call	MH.	Location	Call	мн	Location	Call	мн.	Location	Call	MHz
Location			15	WSEL	92.9			88.1	The second second		88.7
Caldwell Idaho Falis	KBXL-FM KID-FM KGVM-FM	94.1 96.1	Olney Ottawa	WOLI	98.3	New Albany New Castle	WNAS WCTW-FM	102.5	Emporia	KSTE KVOE-FM	104.9
Jerome	KEMA	99.1 92.7	Paris Park Forest Park Ridge	WPRS-FM WRHS	98.3 88.1	N. Manchester North Vernon	WBKE-FM WOCH-FM	89.5	Garden City Great Bend Hutchinson	KUPK-FM KBJC	97.3 91.9
Lewiston Moscow	KOZE-FM KUID	96.7 91.7	Park Ridge Pekin	WMTH WSI -FM	88.5 95.3	Notre Dame Peru	WSND-FM WARU-FM	88.9 98.3	Independence	KIND-FM	102.1
Nampa	KUOI-FM KCRH	89.3 91.5	Peoria	WMRD-FM	93.3	Plainfield	WIMK	98.3 94.3	Junction City Kansas City	KIND-FM KJCK-FM KUDL-FM KCKN-FM	94.5
Pocatello	KBGL	88.7		WCBU WIVC WWTO	106.9	Plymouth Princeton	WTCA-FM WRAY-FM WGLM	98.1	A CONTRACTOR OF THE PARTY OF TH	KCKN-FM	94.1
	KSNN-FM	93.7	Peru	WGSY	105.7	Richmond	WEGI	96.1	Larned Lawrence	KANS-FM KANU KLWN-FM	96.7 91.5
ILLI	NOIS		Pittsfield Pontlac	WBB4-FM WPOK-FM	97.7 103.1	Rochester	WKBV-FM WROI	92.1	Leavenworth	KCLO-FM KJRL	105.9
Alton	WOKZ-FM	100.3	Quincy	WPOK-FM WGEM-FM WTAD-FM	99.5	Rushville Salem	WRCR	94.3 98.9	Liberal Lyons	KJRL	99.3
Anna Arlington Heigh	WRAJ-FM	92.7 92.7	Robinson	WTAY-FM WROK-FM	101.7	Scottsburg	WSLM-FM WMPI WJOD	100.9	Manhattan Newton	KSDB-FM KJRG-FM KJRG-FM	88-1 92.3
Aurora	WKKD-FM	95.9 107.9	Rockford Rock Island	WHBF-FM	98.9	Seymour Shelbyville	WSVL-FM	93.7 97.1	Ottawa	KOFO-FM	95.7
Belvidere	WAUR WKWL WBNQ	104.9	Shelbyville	WVIK WSHY-FM	90.9	South Bend	WETL	91.9	Parsons Pratt	KPPS-FM KWNS-FM KRSL-FM KSKG KFLA-FM	91.1
Bloomington Canton	WBYS-FM	98.5	Skokie	WESV	101.9		WNDU-FM WRBR	92.9	Russell Salina	KRSL-FM KSKG	95.9 99.9
Carbondale	WBYS-FM WSIU WCIL-FM	91.9	S. Beloit Springfield	WRWC WTAX-FM	103.1	Terre Haute	WSBT-FM WTHI-FM	101.5	Scott City Topeka	KFLA-FM	94.5
Carmi Contralia	WROY-FM	97.3 95.3	Springsiera	WFMB	104.5	Terro Haute		107.5	Торски	KTOP-FM KEWI-FM WIBW-FM	97.3
Champaign	WILY-FM WDWS-FM WLRW	97.5 94.5	Sterling Streator	WVJM	94.3	in a second	WYTS	102.7	Wichita	KFH-FM KARD-FM KEYN-FM	97.9
Charleston	WEIC-FM	92.1	Streator Taylorville	WIZZ-FM WTIM-FM	97.7 92.7	Wabash				KEYN-FM	107.3
Chicago	WBBM-FM WBEZ	96.3 91.5	Tuscola Urbana	WILLEM	93.5 90.9	Warsaw Washington	WRSW-FM WWVR WAKE-FM WVUR	107.3		KOTY	101.3
	WHPK-FM	88 7 88.3	o i buill	WPGU	107.1	W. Terre Haute Valparaiso	WWYR	105.5	Winfield	KSWC	88.3
	WDAI	94.7 95.5	Watseka	WGFA-FM	94.1		WVUR	105.5 89.5	KENT	TUCKY	
	WDHF WEFM WSDM	99.5	Waukegan Wheaton	WETN	102.3 88.1	Vincennes	WYUR	91.3	Albany	WANY-FM	106.3
	WFMF WJJD-FM	1003	Winnehage Winnetka	WNTH WSTK	95.3 88.1	Winchester	WIUC	98.3	Ashland Beattyville	WCMI-FM	93.7
	WLVC-FM	104.3 88 3	Woodstock Zion	WSTK	105.5 96.9	10	WA		Benton	WCBL-FM	102.3
	WNUS-FM WFMT	107.5 98.7	1239-92		00.0	Algona	KI GA.EM	92.7	Bowling Green Camphellsville	WCBL-FM WLBJ-FM WTCO-FM	96.7 103.9
	WKFM	103.5	IND	IANA		Ames	KLGA-FM KASI-FM WOI-FM	107.1	Carrollton Contral City	WTCO-FM WNES-FM WAIN-FM WCTT-FM WCQO-FM WCYN-FM WMGE WQXE WHKK WARD-FM	100.1
	WMAQ-FM WMBI-FM	90 1	Angola Auburn	WAFM WIFF-FM	100 I		KIFM	11114) 1	Columbia Corbin	WAIN-FM	93.5
	WNIB WXRT WWEL	97.1 93.1	Aurora	WSCH	99.3	Atlantic	KPGY KJAN-FM	91.9		WYGO-FM	99.3
Columbia	WCBW	104.9	Bloomington	WTTV-FM	92.3	Boone Burlington	KEGQ-FM	99.3	Cythiana Danville	WMGE	107.1
Crete Danville	WTAS	102.3	Bluffton Boonville	WCRD WBNL-FM	100.1	Carroll	KCIM-FM	93.7 88.1	Elizabethtown Erlanger	WHKK	100.3
Decatur	WDAN-FM WIAI WSOY-FM	99.1	Carmel Columbia City	WHOE	913	Cedar Falls Cedar Rapids	KTCF KHAK-FM KCOE-FM	98.1	Ft. Camphell Ft. Knox	WABD-FM WSAC-FM WKYW WFUL-FM	107.9
Dekalb	WSOY-FM WJMU WNIO-FM	89.9	Columbus Connersville	WUSI-FM	101.5	a to monthly	KWMR WMT-FM	88 9	Frankfort Fulton	WEUL-EM	104.9
		92.5	Crawfordsville	WCNB-FM WNDY	106.3		KTOF	96.5	Georgetown	WRVG	90.1 95.1
Des Plaines Dixon	WYEN WIXN-FM	106.7	Decatur Elkhart	WADM-FM WFIM WXAX	100.7	Clarion Clinton	KRIT KBOS-FM	96.9 96.1	Glasgow Grayson	WCOH.EM	102.3
Downers Grove Dundee	WDGC-FM WVFV	88.3 103.9	Elwood	WBMP	104.7 101.7	Council Bluffs	KBOS-FM KCLN-FM KBCB-FM	97.7 98.5	Hardinsburg Harrodsburg	WHIC-FM WHBN-FM WSGS	94.3 99.3
DuQuoin F. St. Louis	WDQN-FM WMRY	95.9	Evansville	WIKY-FM	91 5	Creston	KSIB-FM	101.7	Hazard Henderson	WSGS WSON-FM	99.5
E. St. Louis Edwardsville Effingham	WSIE WCRA-FM	88.7		WEVC WPSR WVHI	90-7 105.3	Davenport	WOC-FM KALA	90.1	Hopkinsville	WSON-FM WUAZ WHOP-FM	103.1 98.7
Elgin	WEPS	95.7 90 9	Fort Wayne	WPTH	95.1	Denison	KWNT-FM KDSN-FM KDPS	107.1	Jamestown	WKOF WJRS-FM	100.3
Elmhurst	WRMN-FM WRSE-FM	94 3 88.7		WKJG-FM WFCI	97.3	Des Moines	KDMI	88.1 97.3	Leitchfleld	WMTL-FM	104.9
Elmwood Park Elsah	WXFM	105.9	Franklin	WIFN	89.3 95.9 99.7		WHO-FM KFMG	100.3	Lexington	WBKY WLAP-FM WLEX	91.3
Evanston	WEAW-FM WNUR	105.1	Frankfort Gary	WILO-FM WGVE	88.7	in the same	KRNT-FM KWDM	93.3		WVLK-FM WFTG-FM	98.1
Fairfield Flossmoor	WFIW-FM WHFH	104.9	Gaston Goshen	WDHS	89.9	Dubuque	WDBQ-FM	105.3	London Louisville	WEPK	91.9
Freeport	WELL-FM	88.5 98.5	Greencastle	WGRE	91.7 94.3	Estherville	KFMD KILR-FM	92.9 95.9		WFPL WHAS-FM	89.3 97.5
Galesburg	WAC! WVKC WGIL-FM	92 I 90.5	Greenfield	WSMJ	99.5	Forest City	KVPC KWHC	89.5 102.3		WKLO-FM WKRY	99.7
Glen Ellyn	WGHS	94.9 88.5	Greensburg Hammond	WTRE-FM WYCA	107.3 92.3	l Ft. Dodge Grinnell	KWMT-FM KDIC	94.5		WIDE	102.3
Granite City Greenville	WGNU-FM WGRN	106 5 89 3	Hartford City Howe	WWHC	104.9 89.7	Humboldt Iowa City	KHBT	89-5 97.7 91.7	Madisonville Manchester	WFMW-FM WWXL-FM WNGO-FM	93.9 103.1
Harrisburg Havana	WEBQ-FM WDUK	99.9	Huntington	WVSH WHLT-FM	91.9 103.f	lowa Falls	KXIC-FM KIFG-FM KLEM-FM	100.7 95.3	Mayfield Maysville	WFTM-FM	94 .7 95.9
Highland Park Hinsdale	WEEF-FM WHSD	103 [Indianapolis	WAJC	90.9	LeMars	KLEM-FM	99.5 95.3	Middlesboro Monticello	WMIK-FM WFLW-FM	92.7
Jacksonville	WEAL	88 5 100.5	[WEDM	91.1 88.7	Maquoketa Marshalltown	KMAQ-FM KFJB-FM	101.1	Morehead	WMOR-FM WMKY	92-1
Jerseyville Joilet	WJBM-FM WJOL-FM	104 l 96.7		WFBM-FM WFMS	94.7	Mason City Mount Pleasant	KLSS KILJ	106.1	Morganfield	WMSK-FM WMST-FM	96.3 105.5
Kankakee	WAJP	93.5 99.9	l	WGEE-FM		Mt. Vernon Muscatine	KRNL-FM KFMH	89.7 99.7	Mt. Storling Munfordville	WLOC-FM	102.3
Kewanee	WKEL-FM	88.3 92.1		WIFE-FM	90.1 107.9	Newton Oskaloosa	KCOB-FM	95.9	Murray	WAWW WKMS-FM WOMI-FM	91.3
LaGrange Lansing	WKEI-FM WLTL WLNR-FM	88 1		WNAP WTLC-FM	93.1 105.7	Pella	KBOE-FM KCUI	89.1	Owensboro	WOMI-FM WSTO	92.5 96.1
LaSalle	WLPO-FM WAKO-FM	90.3	Jasper Kendallville	WITZ-FM	104.7 93 3	Perry Sioux Center	KDL8-FM KDCR	91.3	Paducah	WPAD-FM WKYX-FM	96.9 93.3
Lawrenceville Lincoln	WLCC	1.801	Knox	WAWK-FM WKVI-FM	99.3	Sloux City	KDVR KTFC	97.9 103.3	Paintsville	WSIP-FM	98.9
Litchfleid	WPRC-FM WSMI-FM	100.1 106.1	Kokome	WWKI WKMO WASK-FM	93.5	Spenser Storm Lake	KICD-FM KAYL-FM	107.7	Paris Pikeville	WPDE-FM WPKE-FM	96.7 92.1
Loves Park Maeomb	WLUV-FM WIUM	96.7 91.3	Lafayette	WASK-FM WAZY-FM WXUS	105.3 96.7	Waterloo	KJCD-FM KAYL-FM KNWS-FM	107.9	Prestonburg	WD0C-FM	95.5
Marion	WKA1-FM	100.1	La Porte	WL01-FM	92.7	Waukan	KWWL-FM KXEL-FM KNEI-FM	105.7		WPRT-FM WUKP	89.1
Mattoon	WDDD WLBH-FM WGLC-FM	96.9	Lebanon	WNON WBTO-FM	100.9	Waukon Waverly	KNEI-FM KWAR KWAY-FM	89.1	Princeton Richmond	WPKY-FM WEKU-FM	
Mendota Moline	WMDR	96.9	Linton Logansport	WSAL-FM		Webster City	KWAY-FM KWAW	99.3 95.9	Russellville	WRUS-FM	1011
Monmouth Morris	WVPC-FM WRMI-FM	97 7 104.7	Madison Marion	WORK-FM WMRI	96.7 106.9	1		. 5,5	St. Mathews Scottsville	WSTM WLCK-FM	103.1
Morrison Mt. Carmel	WMHS	91.5	Martinsville	WCBK-FM WMCB-FM	102.3	l .	NSAS		Somerset	WSEK	96.7 90.7
Mt. Vernon	WSAB WMIX-FM	94.9 94.1	Michigan City Monticello	WVTL	95.9 95.3	Abilene Baldwin	KABI-FM KNBU	98.3 88.9	Stanford	WRSL-FM	95.9
Naperville Normat	WONC	8º.1 91.7	Muncis	WLBC-FM WBST		Chanute Colby	KKOY-FM KXXX-FM	105.5	Tompkinsville Versailles	WTKY-FM WWLV	92.1 100.9
Oak Park	WGLD-FM		l	WWHI	91.5	Dodge City	KGNO-FM	95.5	Whitesburg	WTCW-FM	
FALL-WINTE	R 1971										89

	WH	ITE'S		Location	Call	MHz	Location `	Call	MHz	Location	Call	MHz
	RA	D[@	0	Halfway Havre de Grace Prince Frederick	WHAG-FM WASA-FM WMSG-FM WESM	96.7 103.7 92.1 92.7	Dowagiae E. Lansing	WCAR-FM	101.1 92.3 97.9 90.5	Moorhead	KSJN KVOX-FM KCCM-FM	91.1 99.9 91.1 98.7
	ΠG	06		Salisbury	WICO-FM	104.7		WKAR-FM WFMK WVIC-FM	99.1 94.9	New Ulm Northfield	KWIM KNUJ-FM WCAL-FM	93.1 89.3
				Tacoma Park Waldorf	WGTS-FM WSMD-FM	91.9	Flint	WGMZ-FM	95.1 107.9	Owatonna Pipestone	KLOH-FM	104.9 98.7
	Location	Call	MHz	Westminster		100.7	Fremont	WMRP-FM WSHN-FM WGHN-FM	105.5 100.1 92.1	Preston Red Wing Richfield	KFIL-FM KCUE-FM	103.1
	LOU	ISIANA		MASSAC	HUSETTS		Grand Haven Grand Rapids	WFUR-FM	102.9	Rochester	WPBC-FM KROC-FM KNCV	101.3 106.9 101.7
	Alexandria	KALB-FM KDBS-FM	96.9 100.3	Amherst	WAHM	89.5 88.5		WLAV-FM WYON	93.7		KNXR KOLM-FM	97.5 96.7
	Baton Rouge	WJBO-FM WAFB-FM	102.5	Andover Barnstable	WMUA WPAA WQRC	91.1 91.7 99.9	w	00D-FM 105	.7 (s)	St. Cloud	KFAM-FM WWJ0 KVSC	104.7
		WQXY-FM WYNK-FM	100.7	Boston	WBUR	90.9	0	WZZM-FM	95.7	St. Louis Park St. Peter	KRSI-FM KRBI-FM	104.1
•	DeRidder Ferriday	KLDA-FM KFNV-FM	93.5		WBZ-FM WCOP-FM WEEI-FM	106.7	Greenville Hancock Hastings	WPLB-FM WMPL-FM WBCH-FM	93.5 100.1	Thief River Fal	IS KAVS	89.5 107.1
	Golden Meadow Hammond Houma	KLEB-FM WTGI KCIL		i .	WERS	103.3	Highland Pk. Hillsdale	WBCH-FM WHPR WCSR-FM	88.1 92.1	Wadena Wilmar	KKWS KWLM-FM	105.9
	Jennings	KHOM KJEF-FM	92.7		WHDH-FM WJIB	94.5 96.9 91.7	Holland	WJBL-FM WHTC-FM	94.5 96.1	Winona Worthington	KAGE-FM KWOA-FM	95.3 95.1
	Jonesboro Lafayette	KTOC-FM KRVS KPEL-FM	104 9	Brockton	WRBB WROR WBET-FM	98.5 97.7	Houghton Houghton Lake	WGGL-FM WJGS	91.1	MISSI	SSIPPI	
	Labe Observe		94.5	Brookline Cambridge	WBOS WGBH-FM WHRB-FM	92.9 89.7	Interlochen Ironwood Jackson	WIAA WJMS-FM WBBC	88.3 99.7 94.1	Biloxi	WBIL	93.7
	Lake Charles La Place	KPLC-FM KIKS-FM WCKW	99.5 96.1 92.3	Lance of the land	WTBS	95.3 88.1	Kalamazoo	WKHM-FM WMUK	102.1	Cleveland Columbia	WDSK-FM WFFF-FM	92.7 96.7
	Marksville Monroe	KAPB-FM KMLB-FM	97.7	Concord Falmouth	WIGH	88.3	Lansing	WSE0 WJIM-FM	106.5 97.5	Columbus Corinth	WMBC-FM WALP WKCU-FM	90.5
		KNOE-FM KREB KMRC-FM	101.9	Fitchburg Framingham	WUCV WFMP WKOX-FM	95.9 104.5 105.7		WILS-FM WITL-FM WTHM-FM	101.7	Drew	WWTX	94.3 95.3 95.3
	Morgan City Natchitoches New Iberia	KMRC-FM KNOC-FM KNIR-FM	97.7	Gloucester Greenfield	WYCA-FM WHAI-FM WHAV-FM	104.9	Lapeer Ludington Manistee	WKI A.FM	103.1 106.3 97.7	Forest Greenville	WOST	92.5 97.9
	New Orleans	WDSULEM	99.1 95.7 93.3	Haverhill Hyannis	WCOD	92.5 106.1	Marquette.	WMTE-FM WNMR WDMJ-FM	90.1 95.7	Greenwood	WDMS	100.7 99.1
		WJMR-FM WNOE-FM WRNO	97.1	Lawrence Lowell	WCCM-FM WSSH WLTI	93.7 99.5 91.5	Marshall Midland	WALM-FM WSVC WVMO	99.7	Grenada Gulfport	WROA-FM WTAM	107.1
		wwwn	89.9	Lynn Medford	WLYN-FM WHIL-FM	101.7	Monroe Mount Clemens Mt. Pleasant	WRRR-FM	98.3 102.7 89.5	Hattiesburg	WHYS-FM WFOR-FM	102.3 104.5 103.7
	Opelousas	WWOM-FM WWL-FM KSLO-FM	98.5 101.9 107.1	New Bodford	WMFO	91.5 97.3	Muskegon	WCMU-FM WCEN-FM WMUS-FM	94.5	Hazelhurst Houston	WMDC-FM WCPC-FM	100.9
	Ruston Shreveport	KRUS-FM KRMD-FM	107.1	N. Adams	WNBH-FM WMNB-FM WHMP-FM	1.80	Niles	WQWQ-FM WNIL-FM	104.5 95.3	Indianola Iuka	WNLA-FM WTIB	105.5
	- 1	KBCL-FM KEEL-FM	96.5 93.7	Northampton Pittsfield	WRRK-FM	99.3 105.5 101.7	Owosso Petoskey	WOAP-FM WJML-FM WMBM-FM	98.9	Jackson	WJDX-FM WFXM WKXI	95.5
	Slidell Thibodaux	KWKH-FM WVSL-FM KTIB-FM	94.5	Plymouth Southbridge	WPLM-FM WESO-FM	99.1	Port Huron	WHLS-FM	96.7 107.1 91.3	Carrens .	WSLI-FM	94.7 99.7 96.3
	Ville Platte W. Monroe	KVPI-FM	93.5 98.3	South Hadley Springfield	WHYN FM WHVY	90.7	Royal Oak Saginaw	WSGR-FM WOAK WSAM-FM	89.3	Koscuisko Laurel	WKOZ-FM WNSL-FM	105.1
	Winnfield Winnsboro	KYEA KVCL-FM KCRF-FM	92.1 95.9		WHVY WAIC WCRX WSCB	94.7 91.9 102.1		WSBM	106.3	Louisville Magee	WLSM-FM WSJC-FM WCCA	107.1
	M	AINE		Taunton	WSCB	88.9 93.3	St. Johns St. Joseph Sandusky	WSJM-FM	92.1 107.1 97.7	McComb Meridian	WDAL-FM WALT	94.1 101.3 97.1
	Augusta	WFAU-FM	101.3	Waltham	WCRB-FM	91,7	Southfield Spring Arbor	WMIC-FM WSHJ WSAF	88.3 89.3	Moss Point Natchez	WCIS-FM WQNZ	104.9
	Bangor	WABI-FM	97.1	W. Yarmouth Williamstown Winchester	WOCB-FM WCFM WHSR-FM	94.9 91.9 91.9	Sturgis Traverse City	WSAE WSTR-FM WLDR	99.3	Natchez New Albany Ocean Springs	WNUA-FM WOSM	103.5
	Bath Brunswick	WWNO WJTO-FM WBOR	89.9 95.3 91.1	Worcester	WAAF WICN WSRS	107.3		WCCW-FM WTCM-FM	92.1 103 5	Oxford Pascagoula Poplarville	WPMP-FM WRPM-FM	97.5 99.1 107.9
	Caribou	WCME-FM WFST-FM	98.9 97.7 95.7	1100000		96.1	Waterford Warren Ypsilanti	WTSD WPHS WEMU	88.1 91.5 88.1	Pontotoc	WSFL-FM	96.7
	Ellsworth Lewiston	WCOU-FM	93.9	MICH	HIGAN		Zeeland	WZND	99.3	Senatobia Starkville Tishomingo	WSMU-FM WTMO	88.9
	Norway Orono	WRJR WNWY-FM WMEB-FM	91.5 105.5 91.9	Adrian	WLEN WVAC WUFN	103.9 88.1 96.7	MIN	NESOTA		Tupelo Tylertown	WELO-FM WTYL-FM	98.5 97.9
	Portland	WDCS WPOR-FM	97.9	Albion Alma	WFYC-FM	104.9	Aloxandria	KXRA-FM KCMT-FM	92.7	Vicksburg	WKYV-FM WWCL	98.7 106.7 91.1
	Rockland	WRKD-FM	93.5	Alpena Ann Arbor	WHSB WATZ-FM	93.5 91.7	Austin Anoka	KAUS-FM KTWN	99.9 107.9	Wesson Yazoo City	WJNS-FM	92.1
	Skowhegan Springvale Waterville	WGHM-FM WNCY WTVL-FM	91.1 98.3		WUOM WNRZ WPAG-FM	102.9	Bemid]i Benson	KBSB KBMO-FM KBEW-FM	91.9 93.5	MISS	OURI	
		YLAND	30.3	Bad Axe Battle Creek	WLEW-FM WKFR-FM	92.1	Blue Earth Brainerd	KBEW-FM KLIZ-FM KKWB	95.7	Aurora Bolivar	KSWM-FM KLTB	
	Annapolis	WNAV-FM	00.1	Bay City	WBCM-FM WGER-FM	96.1	Breckenridge Collegeville Duluth	KSIR-FM	90.1	Branson Buffalo	KPLD	90.3
	Baltimore	WXTC	99.1 107.9	Benton Hrbr. Berrien Springs Big Rapids	WHFB-FM WAUS-FM WRRN-FM	99.9 90.9 100.9	O di di li	KUMD-FM WDTH WGGR		Canton Cape Girardeau	KGMO-FM	102.3
	ERRINEN.	WCAO-FM WFMM-FM	102.7	Birmingham Cadillac	WBRN-FM WHFI WWTV-FM WCER-FM WCBY-FM WCRM-FM	94.7	Faribault Fergus Falls	KDHL-FM KBRF-FM KEHG-FM KQRS-FM WMFG-FM KDUZ-FM	95.9 103.3	Carrollton	KAOL-FM	101.1
		WRRS	95.1 97.9	Charlotte Chebeygan	WCER-FM WCBY-FM	92.7 105.1	Fosston Golden Valley	KEHG-FM KQRS-FM	92.5	Clayton	KFUO-FM KHRU	99.1 88.1
		WBAL-FM WITH-FM WLIF	104.3	Columatel	WCRM-FM WANG	95.3	Hibbing Hutchinson	KDUZ-FM	106 3 107.1 91.5	Colombia	KWWC-FM KBIA-FM KFMZ	90.5 91.3 98.3
	Bethesda	WLPL-FM WMAR-FM WJMD	92.3 108.5 94.7	Dearborn Detroit	WDET-FM	100.3 101.9 98.7	International F Litchfield Mankato	KLFD-FM	95.3 90.5	Crestwood	KTGR-FM KSHE	96.7 94.7
	Bladensburg Bradbury Heigh	WHES	102 2	12.0	WANG WKNR-FM WDET-FM WBFG WCHD WABX	105.9		Alls KICC KLFD-FM KMSU KEYC-FM KYSM-FM	99.1	Dexter El Dorado Sprin	KDEX-FM	102.3
	Braddock Heigh	t s			WDEE-FM WDRQ WDTR	93.1	Marshall Minneapolis-St	t. Paul	100.1	Ferguson	KESM-FM KCFV	89.5
	Cambridge Catonsville	WMHI-FM WCEM-FM WBMD-FM	106.3		WISPR	90.9	STATE OF THE PARTY OF	WCCO-FM	88.5 102.9	Fulton Hannibal Hillsboro	KKGA KGRC KHKA	97.7 92.9 88.9
	Cumberland	WCUM-FM	105.7 102.9 106.1		WLDM WMUZ WMZK	95.5 103.5 97.9		WCCO-FM KSTP-FM KEEY-FM KTIS-FM	94.5 102.1 98.5	Jefferson City	KLUM-FM	106.9
	Frederick Frostburg	WKGO WFRE WFRB-FM	99.9		WJR-FM WOMC	96.3		KTIS-FM WLOL-FM KNOF	98 5 99.5 95.3	Joplin	KOBC	91.1
	Glen Burnie Hagerstown	WFRB-FM WISZ-FM WJEJ-FM	95.9 104.7		WWJ-FM	97.1		KTCR-FM WPBC-FM WAYL	97.1	Kansas City	KEMU	104.3
	90	WARK-FM	106.9		WWWW	106.7	1	WAYL	93.7	COMMUNICA	KTSR	

Location	Call	MHz	Location	Call	MHz	Location	Call	мн	Location	Call	мн
	KCUR FM KLJC	89.3 88.5	Durham Exeter	WUNH	90.3 90.1	Clinton	WHCL-FM WCLI-FM	88.7 108.1	White Plains	WFAS-FM	103.9
	KMBR-FM KPRS-FM KXTR	99.7 103.3	Henniker Laconia Keene	WNEC-FM WLNH-FM	91.7 98.3	Cortland Depew	WKRT-FM WBLK-FM WOIV	99.9 93.7	NORTH	CAROLIN	
Kennett	KBOA-FM	96.5 93.3 98.9	Manchester	WKNE-FM WKBR-FM WHNS	103.7 95.7 101.1	De Ruyter Twp. Dundee Ellenville	WELR-EM	95.9 99.3	Ahoskie Albemarie	WRCS-FM WABZ-FM	100.9
Kirksville Lexington	KRXL KLEX-FM KMFL-FM	94.5 106.3	Mt. Washington Nashua Newport	WOTW-FM	94.9	Elmira	WELV-FM WECW WEHH-FM	88.1 94.3	Ashoboro Asheville Bridgeton	WGWR-FM WLOS-FM	90 9
Marshall	KMFL-FM KNOS KXCV	91.7 90.5	Newport Portsmouth	WCNL-FM WPFM	104.9	Endicott	WEHH-FM WENY-FM WMRV WSHS	92.7 105.5 90.3	Black Mountain Burgaw	WVWB-FM WMIT WPGF-FM	106.9
Maryville Mexico Moberly	KWWR-FM KRES	95.7	NEW	JERSEY		Floral Park Fulton Garden City	WOSC-FM WLIR	104.7	Burlington-Graf	WBAG-FM	93.9
Osago Beach Point Lookou	KRMS-FM KSOZ	93.5 88.1	Asbury Park	WJLK-FM WFPG-FM	94.3	Geneseo Geneva	WEOS-FM	89.3 89.7	Chapel Hill Charlotte	WBBB.FM WUNC WBT-FM	101.1 91.5 107.9
Poplar Bluff Rolla	KCLU-FM	94.3	Atlantic City	WMGM WRNJ	96.9 103.7 95.1	Glen Falls	WWSC-FM WQXL	95.9	Chartotte	WRNA WSOC-FM WYFM	95.1
St. Charles Ste. Genevie	KMSM KCLC Ve KSGM-FM	88.5 88.9 105.7	Bridgeton Camden	WSNJ-FM WKDN-FM	107.7	Gouverneur Hamilton Hammondsport	WIGS-FM WRCU-FM WEKT	92.7 90.1 98.3	Clinton	WRRZ-FM	107.1
St. Joseph St. Louis	KUSN-FM KCFM	105.1	Canton Cape May	WNNN WRIO-FM	101.7	Hempstead	WHLI-FM WVHC	98.3 88.7	Concord Dunn Durham	WPEG WQTI	103.1
	KGRV	96.5	Dover E. Orange Eatontown	WDHA-FM WFMU WHTG-FM	105.5 91.1 106.3	Horneil Horseheads Hudson	WHHO-FM WQIX WHUC-FM	105.3 100.9 93.5	Eden	WDNC-FM WSRC-FM WEAF	107.1
	WIL-FM KMOX-FM KDNA	92.3 103.3 102.5	Egg Harbor Franklin	WRDR	104.9	Hyde Park Ithaea	WHVW-FM WHCU-FM	97.7 97.3	Elkin Farmington	WIFM-FM KRAZ	96.9
	KRCH KSLH KWMO	98.1 91.5	Franklin Lakes Glassboro	WRRH WGLS-FM WNTI	88.7 89.7		WICB	91.7	Fayetteville Forest City	WBBO-FM	93.3
Salem	KETU	90.7	Hackettstown Hanover Long Branch	WHPH	91.9 90.3 107.1	Jamestown	WVBR-FM WJTN-FM	93.5 93.3 101.7	Franklin Gastonia	WAGY-FM WFSC-FM WGNC-FM	101.9
Sedalia Sikeston Springfield	KSIS-FM KMPL-FM KTTS-FM KTXR	92.1 97.7 94.7	Millville Morristown	WMVB-FM WJSV WHBI	97.3 90.5	Johnstown Kingston	WKSN-FM WIZR-FM WGHQ-FM	104.9 94.3	Goldsboro Greensboro	WEQR	98.7
op mgnoto	KWFC	97.3 98.7	Newark	WEME	105.9	Lake Ronkonkon Lake Success	a WSHR WTFM	89.7 103.5	The second	WQFS WQMG WILAG	97.1
Union	KWTO-FM KLPW-FM KCMW	101.7	Newton	WVNJ-FM WBGO WIXL-FM	100.3 88.3 103.7	Liberty Loudonville Middletown	WVOS-FM WVCR-FM	95.9 89.1 92.7	Greenville Henderson Hendersonville	WUAG WNCT-FM WHNC-FM	92.5
Warrensburg Waynesville	KFBD-FM KYSD	90.9 97.7 102.3	New Brunswk, Point Pleasant	WCTC-FM WADB	98.3	Montour Falls	WXXY	104.9	Hendersonville Hickory	WHKP-FM WHKY-FM WXRC	102.5
West Plains	KWPM-FM	93.9	Princeton	WPAT-FM WPRB	93.1	Newburgh	WVCR-FM WALL-FM WXXY WRNW WVIP-FM WFMN	106.3	High Point	WHPE-FM WMFR-FM	95.5
M	ONTANA		South Orange Teaneck Toms River	WSOU WFDU WORM	89.5 89.1 92.7	New Rochelle New York	WVOX-FM WPLJ WBAI	93.5 95.5 99.5	Jacksonville	WNOS-FM WRCM	92.1
Beigrade Billings	KGVW-FM KURL-FM	96.7 97.1	Trenton	WOBM WBJH WCHR	101.5	Į.	WCRS.FM	101.1	Kannapolis	WRKB-FM	99.7
Bozoman	KOYN-FM	98.5	Visalend	WTOA WTSR	97.5 89.7		WEVD-FM WFUV WHOM-FM WKCR-FM	90.7 92.3	Kinston Laurinburg Lexington	WRNS WSTS WLXN	95.1 96.5 94.1
Glendive Great Falls	KGLT KIVE-FM KOPR-FM	90.1 96.5 108.3	Viceland Wildwood Zarephath	WDVL-FM WCMC-FM WAWZ-FM	92.1 100.7 99.1			89.9 107.5	Lumberton	WTSB-FM WJSK	95.7
Hamilton Helena	KLYQ-FM KHTC	95 9 89.5	Control of the control	MEXICO	3311		WNCN WNEW-FM WNYU-FM	104.3 102.7 89.1	Morganton Murfreesboro	WMNC-FM WWDR-FM	92.1 98.3
Missoula Plentywood	KYSS-FM KPWD	1.88	Alamogordo		105.5	ŀ	WNBC-FM WNYC-FM WNYE	97.1	North Wilkesbo	WKBC-FM WKIX-FM	97.3 96.1
Seobey	KCGM	95.7	Albuquerque	KOTO KXXI KANW	89.1	Į.	WOR-FM WPIX-FM WQXR-FM WRFM	91.5 98.7 101.9		WKNC-FM	88.1
	BRASKA	gg i		KBNH KDEF-FM KRST	99.5 94.1 92.3	l	WQXR-FM WRFM	105.1	Reidsville	WRAL-FM WSHA WWMO	101.5 68.9 102-1
Aurora Beatrice Columbus	KWBE-FM	92.9 101.1		KHFM	96.3 100.3	Niagara Falls Norwich	WRVR WHLD-FM WCHN-FM	98.5 93.9	Rocky Mount	WEED-FM WFMA	92.1
Hastings	KJSK-FM KTTT-FM KICS-FM	93.5 93.5		KOB-FM KUNM KSVP-FM KBAD-FM	93.3	Olean Oneonta	WCHN-FM WHDL-FM WGNR WRHO	95.7	Roxboro Salisbury	WRXU-FM	106.5
Holdrego	KUVR-FM	97.7	Artesia Carlsbad Clovis	KBAD-FM	92.9 92.1 99.9	Oswego	WRVO	89.5	Sanford Shelby Statesville	WWGP-FM WOHS-FM WFMX	105 7
Kearney-Hol	KOVF-FM drege KRNY-FM	91.3	Farmington	KTQM-FM KMTY-FM KRAZ	99.1	Plattsburg Patchogue	WEAV-FM WALK-FM WBLI-FM	99.9 97.5 106.1	Tabor City	WDBM-FM WKSM	98.9
Lexington Lincoln	KRVN-FM KFMQ	93.1 95.3	Hobbs Los Alamos	KLDG-FM KRSN-FM	95.7 98.5		WPAC-FM WLNA-FM	106.1	Tarboro Thomasville Washington	WCPS-FM WTNC-FM WITN-FM	98.3 93.3
	KLIN-FM KRNU	107.3 90.3	Las Crucos Las Vegas Lovington	KGRD-FM KEDP KLEA-FM	103.9 91.1 101.7	Port Jervis Potsdam	WDLC-FM WTSC-FM WPDM-FM	96.7	Whiteville Williamston	WENC-FM WIAM-FM	99.1
Omaha	KUCV KWHG KFAB-FM	91.3 102.7 99.9	Portales Roswell	KLEA-FM KENW-FM KBIM-FM	88.9 94.9	Poughkeepsie	WSPK	99.3 104.7 101.5	Wilmington	WPRV WAAV	102.7
	KGBI-FM Kłos-FM	100.7 91.5	Sante Fe Taos	KAFE-FM KSNM KKIT-FM	97.3 95.5 99.3	Riverhead Rochester	WEOK-FM WHRF-FM WHFM	103.9 98.9	Wilson	WMFD-FM WWIL WVOT-FM	97.3
	KOIL.FM KOZN WOW.FM	96.1 94.1	Tueumcari University Park	KTNM-FM	92.7 91.7	1	WBFB WCMF WIRQ	92.5 96.5 90.9	Winston-Salem	WAAA-FM WFDD-FM	107.5 88.5
Scottsbluff York	KNEB-FM KAWL-FM	92.3 94.1 104.9	NEW	YORK		1	WNYR-FM WROC-FM	101.3 97.9		WSJS-FM	93.1
	IEVADA		Atbany	WAMC	90.3	Rome	WRUR WVOR WKAL-FM	88.5 190.5 95.9	NORTH	DAKOTA	١
Carson City	KRWL-FM	97.3		WHRL WROW-FM WBL1-FM	95.5 106.1	Saratoga Spring	S WKAJ-FM	102.3	Bismarek	KFYR-FM KBMR-FM	92.9 94.5 98.7
Fallon	KNIS KVLV-FM KCNA	94.7 99.3 94.1	Auburn Babyton	WRLX	106.9	Schenectady Seneca Falls	WGFM WSFW-FM	99.5 99.3	Devils Lake Fargo	KDLR-FM KFNW-FM	9 8.7 9 7. 9
Henderson	KILA KLVM KORK-FM	95.5 95.5	Binghamton	WBAB-FM WNBF-FM WHRW	90.5	South Bristol Southampton Springville	WMIV WBFI WSPE	95.1 95.3 88.1	Grand Forks	WDAY-FM KDSU KVBC	93.7 91.9 94.7
Las Vegas		101.9	Baldwinsville	WKOP-FM WSEN-FM	99.1	Syracuse	WAER WDDS-FM	88.3 93.1	Jamestown	KKND KKND	95.5
Da	KLUC-FM KVEG-FM	98.5	Brentwood Brookville Buffale	WCTO WCWP WBEN-FM	94.3 88.1 102.5	1	WMHR Wono	102.9 107.9	Minot	KCJB-FM KMOT-FM	97.1
Reno	KNEV KGLR KUNR	65.1		WBNY WADV	96.1	Troy	WSYR-FM WFLY WRP1	94.5 92.3	0	ню	
Sparks	KSRN KFON	98.3		WDCX WBF0	99.5 88.7		WIBQ-FM WOUR	91.5 94.9 96.9	Akron	WAKR-FM WAP8	97.5
NEW	HAMPSHIR			WBUF WEBR-FM WGR-FM	92.9 94.5 96.9	Utlea	WRIIN.FM	107.3		WOUFFE	88.1
Berlin				WGR-FM WWOL-FM WPHD	104.1	1	WOUR WZOW	96.9 107.3	Alliance	WFAH-FM WRMU WHFD	92.5
Claremont Conway	WTSV-FM WBNC-FM WDNH	93.5	Centon Central Square	MSE O	89.3	Wethersheld	WNCQ		Archbold Ashland	WHFD WNCO-FM WRDL	101.3
Dover	WUNH	97.5	Cherry Valley	M 11 A	101.9	. Iownsnip	# D1 V	10/./	•	*******	08.0

WHITE'S
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Location	Call	MHz
Ashtabula Athens	WREO-FM WQUB-FM WATH-FM WCNE	97.1 91.3 105.5 88.7
Batavia Bellaire	WOME-FM	88.7 100.5
Bellefontaine Berea Bowling Green	WOGM WBWC WAWR-FM WBGU WBNO-FM WBCO-FM WILE-FM WHBC-FM	100.5 98.3 88.3 93.5
Bryan Bucyrus	WBGU WBNO-FM WBCO-FM	88.1 100.9 92.7
Cambridge Canton	WILE-FM WHBC-FM WNYN-FM WTOF WCOR-FM	96.7 94.1 106.9
Cedarville Celina	WTOF WCOR-FM WMFR	98.1
Contorville	WMER WCSM-FM WCWT-FM WBEX-FM	94.3 96.7 89.5 93.3 98.5
Chillicothe Cincinnati	WAEF	98.5 105.1
	WEBN-FM WAKW WGUC	105.1 102.7 93.3 90.9
	WKRC-FM WSAI-FM WVXU-FM	94.1 91.7
Circleville Cleveland	WWEZ WNRE WBOE	92.5 107.1 90.3
-	WCRF	95.5
	WCJW WGCL WKYC-FM	98.5 105.7
	WMMS WNCR WNOB	100.7 99.5 107.9
	WRUW-FM WXEN	91.1 106.5 93.1
Cleveland Hts. Columbus	WCUY-FM WCBE	92.3 90.5
		97.1 96.3 92.3
_	WCOL-FM WMNI-FM WOSU-FM WSPO WFIZ	89.7 94.7
Conneaut Coshocton Dayton	WFIZ WTNS-FM WHIO-FM	105.5 99.3 99.1 104.7
	WTNS-FM WHIO-FM WONE-FM WDAO WSMR	89.3
De Graff Delaware Dover	WSLN WSLN	91.1 91.1 101.7
E. Liverpool Eaton Elyria Fairfield Findlay Fostoria	WRTS	104.3 92.9 107.3
Fairfield Findlay	WBEA WCNW-FM WFIN-FM WFOB-FM	94.9 100.5 96.7
Fremont Gallipolis Granville	WFRO-FM WJEH-FM WDUB	99.1 101.5 90.9
Greenville Hamilton		96.7
Hillsboro Holland	WQMS WHOH WSRW-FM WPOS-FM WKSU-FM WKNT-FM WKNT-FM WKNT-FM	106.7
Kent Kenton	WKSU-FM WKNT-FM WKTN WVUD-FM	95.3
Kettering Lancaster Lima	WHOK-FM	99.9 95.5 102.1
Logan	WLSR	97.7
London Mansfield	WLGN-FM WLNO WVNO WCLW-FM	106.3
Marietta Marion	WVNO WCMO WMOA-FM WMRN-FM WDBN WFGJ WFFB-FM WLYK-FM WLMH WMVO-FM WMCO WCLT-FM WCLT-FM WNFO	105.3 89.3 94.3 106.9
Marion Medina Miamisburg Middletown	WDBN	94.9 93.9 105.9
Middletewn Milford Morrow Mt. Vernon New Concord Newark	WLYK-FM WLMH	88.1
New Concord Newark	WMVO-FM WMCO WCLT-FM WNPQ WLKR-FM	93.7 90.7 100.3
Newark New Philadelphi Norwalk Oberlin	WLKR-FM WOBC	95.9 95.3 88.7
Oxford	WMUB	88.5 97.7
92		

WRCJM WLEC-FM WMVR-FM WBLY-FM WESC WUSO WSTV-FM WKTL WGLN WTTF-FM WSPD-FM WCWA-FM WKWA-FM WLQR WMHE	94.5 104.1 99.3 89.3 105.1 102.7 105.5 100.7 89.1 103.7 104.7 99.9 104.7 99.9 101.5 92.5 88.9
WUHS WERT-FM WERM	88.9 101.7 91.7 98.9 92.1
WCHO-FM	105.5 100.9 91.5
WCSU-FM WWST-FM	103.9 88.9 104.5 91.9
lumbus	- 1
W K B N - F M W B B W - F M W R E D W V S II	97.9 103.9 95.3 91.5 98.9 93.3 101.1 88.5
W HIZ-FM	102.5
KYOE-FM KYEO-FM KYENB	93.3 100.1 104.9 92.1 105.5 92.1 105.5 107.3 96.9 107.3 96.9 96.9 96.9 98.1 101.3 100.5 101.3 100.5 101.3 100.5 101.3 100.5 101.3 100.5 10
GON	
KWIL-FM KSOR KFLY-FM KBVM KFMY KFMY KLGC KPNW-FM KWAX KBMC KZEL-FM KGPO KTEC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC KBOY-FC	107.9 90.1 101.5 90.1 90.1 93.1 97.3 99.1 91.1 96.1 96.9 88.1 95.3 90.7 90.7
	W B W S E W S E W W S E

	к	KJ 10-1	IB FM	99.5 92.3 91.5	l
	к	KJ LIQ-I KO. JIN-I DQ-I AM-I KQI KR KR KR	ΑP		l
	KP KP	DQ-I	M	93.7 97 1	ĺ
	KP	OK-	FM	100.3	Į
	к	KR XL-F	RC M	89.3 95.5	l
Roseburg Salem The Dalles	KS	KR LM-I	SB	103.1	l
				104.5	ĺ
PENNSY	(LV	AN	ΙΑ		ŀ
Allentown		WFI	МZ	100.7 89.7	
Altoona	wv	WMI WXI AM-I	CW M	104.1 100.1 98.1	ľ
Beaver Falls	W F W B	MAH WAH WAH WAH WAH WAH	M		ŀ
Bedford		WAR	(M	100.9	l
Bellwood Bethlehem	W G	PA-F	M	103.9 95.1	ŀ
Bloomsburg Boyertown Braddock				95.1 106.5 107.5 96.9	ŀ
Butler	WL	OA-F	M	96.9 97.7	ŀ
Carbondale	WC WH	DL-F	M	97.7 94.3 102.3	ŀ
Carliste Chamborsburg Charteroi		WCH	M	05.1	ŀ
Clearfield Danville	wc	PA-F	М	93.5	1
Du Bois Easton	wc	ED-F	М	98.3 93.5 96.7	ľ
	W E	W.	ВH		
East Stroudsburg Ebensburg Elizabethtown	WE	SA-F PA-F GM-F ED-F ST-F WJF EX-F	SS	90.5 99.9 88.7	١,
Ebensburg Elizabethtown	WE WM	CH.	ж	99.1	١,
East Stroudsburg Ebensburg Elizabethtown Elwood City, Pa, Ephrata Erie		WFF	M DV	92 1	١,
Erie		WWF	M	105.1 99.9 103.7 99.3	
Franklin Gettysburg Greencastle	w G	WCC WVI ET-F	M		
Greencastie Greenshurg				94.3	l
Greensburg Greenville Grove City	WĞ	RP-F	М	107.1	ľ
Harrisburg	WS	KU-F RP-F OA-F AJ-F	M	89.5	l
rial risburg	**	WMS		95.1 89.5 97.3 94.9 99.3	ĺ,
Uauantawn	wт	PA-F WHI	М		ŀ
Havertown Hazleton	wı	WVI	CD	89.3 97.0	l
Huntingdon Indiana	147 1.1			97.0 89.5 106.3	Į
Jenkintown	WΙ	UP-F	M	91.3	ľ
Johnstown	WA	RD-F	M	103.9	ľ
Lancaster	wĞ	WQN UP-F BF-F RD-F AC-F	M	95.5 101.3	ĺ
Laboron	W.L.	WD/ AN-F BR-F BU-F	M	94.5	١
Lebanon Lewisburg	wv	BU-F	M	1.001	ľ
Lewistown Lincoln Universi Linesville Lock Haven Mansfield Martinsburg McKean	ty	WL	IU	95.9 88.7 101.7	1
Lock Haven	WB	WL WV PZ-F	M		i
Martinsburg	WJ			89.5 92.7 102.3	
meauvillo		WM	RC		1
Mercer		ww	IZ	100.3	ľ
Mercer Milton Montrose New Kensington- Tarentum New Wilmington North East Oll City	WP	WAI WZ WW WM EL-F	M	100.9 96.5	ŀ
Tarentum				100.7	k
New Wilmington North East Oil City	WH	WYE WKI YP-I WD	PS	88.9 102.3 98.5	ı
Palmyra		WCT	JR		ľ
Philadelphia	WC	AU-F	M	98.1 105.3 104.5	l
	WR	CP-F	M	[02.1]	ŀ
	WE	WD N	R	101.1	ŀ
-	WF	HY.F	M	95.7 00.9 92.5	
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	WP	EN-F	M	102.9	
		WPW	T	91.7	
	WR		M	90.1	ľ
			H	1.801	
Pittsburgh	KD	KA-F	M	92.9	1
		Why	E	102.5 107.9	1
	W E	EP-F	M	96.1	1

1011	Can	191712	Location	Can	MUZ
	KIIB	99.5 92.3 91.5	}	WDUQ	90.5
	KLIQ-FM KOAP	91.5		WJAS-FM WKJF	99.7 93.7
	KOIN-FM	101.1		WPIT-FM	101.5
	KOIN-FM KPDQ-FM KPAM-FM	93.7 97 1		WPIT-FM WWSW-FM WYDD	101.5 94.5 104.7
	KPOK-FM	98.5	Pottsville	WAVT-FM	101.9
	KPOK-FM KQFM KRHC	98.5 100 3 89.3	Reading	WYDD WAVT-FM WRFY-FM WXAC WGCB-FM WKBI-FM WGII-FM	91.3
	KXL-FM KRSB KSLM-FM KCIV	95.5	i Kea Lion	WGCB-FM	96.1 94.3 101.3
ırg	KSLM-FM	103.1	Ridgeway Scranton	W G BI - F M	101.3
alles	KCIV	104.5		WEJL-FM	FG7. I
PENNS	YLVANIA			WUSV WWDL-FM	88.9 104.9
211110			Selinsgrove Shamokin	WWDL-FM WQSU	91.5 95.3 102.9
own	WFMZ	100.7 89.7	Sharon	WISL-FM WPIC-FM WVSC-FM	102.9
	WMUH WXKW WVAM-FM WFBG-FM	104.1		WVSC-FM	97.7
a	WVAM-FM	100.1	Williamenore	WMPT-FM	99.3
Falls	WBVP-FM	98.1 106.7	State College	WMPT-FM WMAJ-FM WDFM	99.3 103.1
	WGEV WAKM WHGM WGPA-FM WHLMFFM	88 3 100.9		WOFM	91.1 96.7
d od	WAKM	100.9			
hem	WGPA-FM	103.9 95.1 106.5	Stroudsburg Sunbury	WVPO-FM WKOK-FM WSVB	93.5 94.1
sburg own	WHLM.FM WBY0	106.5 107.5		WSVB	105.5
ck	WBYO WLOA-FM WBUT-FM WCDL-FM WHYL-FM WESA-FM WCPA-FM WCED-FM WEST-FM	96.9 97.7	Telford Towanda	WBMR WTTC-FM WGMR-FM	
dale	WBUT-FM	97.7	Tyrone Union City	WGMR-FM	95.3 101.1 106.3 99.3 92.3 95.3 101.5 97.7
e e	WHYL-FM	94.3 102.3	Union City		106.3
orsburg	WCHM	95.1 98.3 93.5 96.7	Uniontown Warren Washington Waynesboro Wellsboro Wilkes-Barre	WRRN	99.3
roi eld	WCPA-FM	98.5	Washington Waynesboro	WJPA-FM	95.3
le	WPGM-FM	96.7	Waynesporo	WAYZ-FM WGCR-FM	97.7
S	WCED-FM	102.1 96.1	Wilkes-Barre	WBRE-FM	98.5
	WIRH	90.5 99.9		WCLH	98.5 90.7 88.5
Stroudshur	WEST-FM WIRH WESX-FM WESS WEND-FM WMSH-FM			WCLH WRKC WYZZ	92.9
ากเป	WEND-FM	88.7 99.1	Williamsport	WLYC-FM	105.1 102.7
ethtown I City, Pa	WMSH-FM	99.1 106.7 92.1	York	WLYG-FM WRAK-FM WNOW-FM WSBA-FM WYCR	105.7
a	. Wiov	105.1	York-Hanover	WSBA-FM	103.3
	WMSH-FM WFEM WWFM WCCK WVEN WGET-FM	99.9	1 OI K - H AHOVEF	WICK	98.5
in	WVEN	103.7	RHODE	ISLAND	
urg	WGET-FM	99.3 107.7 94.3 107 [
		94.3	Kingston Providence	WRIU WPJB-FM	91.1
burg ille	WOKU-FM WGRP-FM	107.1		WRRU	105.1 95.5
City	WEDA-FM WSAJ-FM WHP-FM			WDOM	95.5 91.3
burg	WHP-FM	89.5 97.3 94.9		WHIM-FM WLKW-FM WPRO-FM	94.1 101.5 92.3
	WMSD	040			
	WEEM	00.3	144.4.41	WPRU-FM	92.3
	WSFM WTPA-FM		Westerly Woonsocket	WFRI.FM	92.3 103.7 106.3
own	WMSP WSFM WTPA-FM WHHS	104, 1		WERI-FM WWON-FM	103.7
0 m	WHHS	104, 1		WFRI.FM	103.7
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0 m	WHHS	99.3 104.1 89.3 97.0 89.5 106.3 103.1	SOUTH (Aiken Anderson	WERI-FM WWON-FM	95.9
0 m	WHHS	99.3 104.1 89.3 97.0 89.5 106.3 103.1	SOUTH (Aiken Anderson	WERI-FM WWON-FM	95.9 99.3 101.1 107.3 92.7
0 m	WHHS	99.3 104.1 89.3 97.0 89.5 106.3 103.1	SOUTH (Aiken Anderson Bamberg	WERI-FM WWON-FM	95.9 99.3 101.1 107.3 92.7
0 m	WHHS	99.3 104.7 89.3 97.0 89.5 106.3 103.1 91.3 103.9 95.5 104.5 96.9	SOUTH (Aiken Anderson Bamberg Barnweli Batesburg Beaufort	WLOW-FM WAKN-FM WCAC WANS-FM WBD-FM WBAW-FM WBLR-FM WBEU-FM	95.9 95.9 99.3 101.1 107.3 92.7 101.7 92.7
0 m	WHHS	99.3 104, - 89.5 97.0 89.5 106.3 103.9 95.5 101.3 95.5 101.5 96.9	SOUTH (Aiken Anderson Bamberg Barnweli Batesburg Beaufort	WLOW-FM WAKN-FM WCAC WANS-FM WBD-FM WBAW-FM WBLR-FM WBEU-FM	95.9 99.3 101.1 107.3 92.7 101.7 92.1 98.7 96.9
0 m	WHHS	99.3 104.3 97.0 89.5 106.3 103.4 91.3 103.9 95.5 101.3 94.5 96.9	SOUTH (Aiken Anderson Bamberg Barnweli Batesburg Beaufort	WLOW-FM WAKN-FM WCAC WANS-FM WBD-FM WBAW-FM WBLR-FM WBEU-FM	95.9 99.3 101.1 107.3 92.7 101.7 92.1 98.7 96.9
0 m	WHHS	99.3 104.3 97.0 89.5 106.3 103.4 91.3 103.9 95.5 101.3 94.5 96.9	SOUTH (Aiken Anderson Bamberg Barnweli Batesburg Beaufort	WLOW-FM WAKN-FM WCAC WANS-FM WBD-FM WBAW-FM WBLR-FM WBEU-FM	95.9 99.3 101.1 107.3 92.7 101.7 92.1 98.7 96.9
0 m	WHHS	99.3 97.0 89.5 106.3 103.9 92.5 103.9 95.5 95.9 95.9 95.9	SOUTH (Aiken Anderson Bamberg Barnweli Batesburg Beaufort	WLOW-FM WAKN-FM WCAC WANS-FM WBD-FM WBAW-FM WBLR-FM WBEU-FM	95.9 99.3 101.1 107.3 92.7 101.7 92.1 98.7 96.9
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own gdon town ter urg urg un Univers ille sburg n	WHHS WITF-FM WHUN-FM WUUP-FM WIBF-FM WJAC-FM W	99.3 104.3 97.0 89.3 97.0 106.3 103.1 91.3 103.9 95.5 101.3 94.5 100.5 95.9 88.7 101.7	SOUTH (Aiken Anderson Bamberg Barnweli Batesburg Beaufort	WLOW-FM WAKN-FM WCAC WANS-FM WBD-FM WBAW-FM WBLR-FM WBEU-FM	95.9 99.3 101.1 107.3 92.7 191.1 98.7 96.9 95.1 99.3 89.3 89.3 104.7
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own gdon town ter urg urg un Univers ille sburg n	WHYS WYCD WITF-FM WINTF-M WOMU WIUP-FM WISF-FM WJAC-FM	99.3 104.3 97.0 98.3 106.3 103.4 103.4 90.5 90.5 90.5 95.7 101.7 92.1 102.7 102.3	SOUTH (Aiken Anderson Bamberg Barnweli Batesburg Beaufort	WLOW-FM WAKN-FM WCAC WANS-FM WBD-FM WBAW-FM WBLR-FM WBEU-FM	95.9 99.3 101.1 107.3 92.7 191.1 98.7 96.9 95.1 99.3 89.3 89.3 104.7
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own igdon town bwn ter urg wwn Univers flaven sburg n	WHYS WHYS WTF-FM WINF-FM WINF-FM WINF-FM WINF-FM WARD-FM WARD-FM WARD-FM WARD-FM WARD-FM WART-FM WART-FM WWNT-FM WNT-FM W	99.3 104.3 97.0 89.3 97.0 106.3 103.1 103.9 103.9 104.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90	SOUTH (Aiken Anderson Bamberg Barnweli Batesburg Beaufort	WLOW-FM WAKN-FM WCAC WANS-FM WBD-FM WBAW-FM WBLR-FM WBEU-FM	95.9 99.3 101.1 92.7 101.2 98.7 96.9 98.7 96.9 99.3 97.9 104.7 99.3 97.9 104.7 99.3 97.9 104.7 99.3
own igdon town bwn ter urg wwn Univers flaven sburg n	WHYS WHYS WTF-FM WINF-FM WINF-FM WINF-FM WINF-FM WARD-FM WARD-FM WARD-FM WARD-FM WARD-FM WART-FM WART-FM WWNT-FM WNT-FM W	99.3 104.7 89.3 97.0 103.1 103.1 91.3 103.9 101.3 104.5 96.5 95.9 96.5 96.9 100.3 103.9 100.3 103.9 100.3	SOUTH (Aiken Anderson Bamberg Barnweli Batesburg Beaufort	WLOW-FM WAKN-FM WCAC WANS-FM WBD-FM WBAW-FM WBLR-FM WBEU-FM	95.9 99.3 101.3 92.7 101.7 98.7 101.7 98.7 103.5 97.7 89.3 97.7 89.3 97.7 89.3 97.7 104.7 105.5 99.3
own igdon town bwn ter urg wwn Univers flaven sburg n	WHHS WITF-FM WHUNDH WHUN-FM WHUN-FM WHEN-FM WAGAL-FM WAGA	99.3 104.7 89.3 97.0 103.1 103.1 91.3 103.9 101.3 104.5 96.5 95.9 96.5 96.9 100.3 103.9 100.3 103.9 100.3	SOUTH (Aiken Anderson Bamberg Barnweli Batesburg Beaufort	WLOW-FM WAKN-FM WCAC WANS-FM WBD-FM WBAW-FM WBLR-FM WBEU-FM	103.7 106.3 4 95.9 99.3 101.7 92.7 92.1 101.7 92.1 101.7 92.1 98.9 99.3 104.7 89.9 104.7 89.9 105.5 99.3 105.5 99.3 105.9 91.7 105.9 91.7 105.9 91.7 105.9 91.7 105.9 91.7 105.9
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Location	Call	MHz	Location Borger Brenham Brownwood Bryan Clear Lake City Cleburne College Station Cornoe Corpus Christi Crockett Dalhart Dallas Del Rie Denison-Sherman Denton DiBoll Dumas Eagle Pass El Campo El Paso El Campo El Paso Hillsboro Houston Huntsville Jacksonville Jacksonville Jasper Killeon Kingsville La Grange Lake Jackson Longview Lubbock Marshall McAllen McKlien Call	MHz	Location	Call	MHz	Location	Call	MHz	
Rapid City	KVSR	97.9	Borger	KBBB-FM	104.3		KEXL	104.5	Radford Richmond	WRAD-FM	101.7
erio de la companyo	KTEQ	86.1	Brownwood	KFRN-FM	99.3		KMFM	96.1	I Tricinion &	WEZS	103.7
Sioux Falls	KELU-FM KCFS	90.1	Clear Lake City	KLYX	102.1	dimension of	KSYM-FM	90.3		WRVA-FM	94.5
	KNWC-FM	96.5	College Station	WTAW-FM	92.1	San Marcos	KRMH	103.7	Roanoke	WLRJ	92.3
Springfield	KSOO-FM KSTI-FM	97.3 88.5	Corpus Christi	KZFM	95.5	Sherman	KSHN	96.7		WSLS-FM	94.9
Vermillion	KUSD-FM KVRF	89.9		KSIX-FM	96.5 93.9	Sinton	KOUL	103.3	Salem South Boston	WHLF-FM	93.5 97.5
Watertown	KDLO-FM KWAT-FM	96.9 96.1	Crockett Dalhart	KIVY-FM KXIT-FM	92.7 95.9	Stephenville	KBMF-FM KWWM	98.3 98.3	South Hill Staunton	WJWS-FM WSGM	105.5
22.00			Dallas	KIXL-FM KCCD	104.5	Temole Texarkana	KYLE-FM KTAL-FM	98.1	Suffolk Tannahannock	WFOG WRAR-FM	92.9
TENN	EZZEE			KNUS	98.7	Tyler	KZAK-FM KNUE	1.60	Tasley Tazewell	WESR-FM	103.3
Bristol	WOPI-FM	96.9		KRLD-FM	92.5	Victoria Waco	KTXN-FM KEFC	98.7 95.5	Warrenton	WEER-FM	107.7
Chattanooga	WDOD-FM	96.5		WRR-FM	101.1		KWTX-FM	97.5	Williamsburg	WCWM	89.1
	WKES	88.9		KBOX-FM	100.3	Wishias Falls	WACO-FM	99.9	Winchester	WRFL	96.5
10555570	WDEF-FM	92.3	Denison-Sherman	KULK-FM	94.3	Wienita Palis	KNTO	95.1	Woodbridge	WEFG	102.5
Clinton	WYSH-FM	100.7		KDSX-FM KGCC	89.7	103	ТАН		Yorktown	WYCS	91.5
Collegedale Columbia	WYFY-FM	90.7	Denton	KDNT-FM KNTU	106.1 88.5				WASH	INGTON	
Cookeville	WHUB-FM WPTN-FM	98.3 94.3	DiBoll Dumas	KSPL-FM KDDD-FM	95.5 95.3	Centerville	KSTU	105.5	Aberdeen	KDUX-FM	104.7
Covington	WKBL-FM WCSV-FM	93.5 99.3	Eagle Pass	KULP-FM	92.7 96.9	Ephraim Logan	KUSU-FM	89.5 91.5	Bellevue	KFKF-FM KASB	92.5 89.3
Dickson	WDKN-FM WTRO-FM	102.3	El Paso	KINT-FM	88.5 97.5	Ogden	KWCR-FM	101.9 88.1	Bellingham	KVGM	92.9
Elizabethton	WLSN WYTM-FM	99.3		KIZZ-FM	102.1	Parowan Provo	KPWN KBYU-FM	90.9 88.9	Bremerton Centralia	KBRO-FM KELA-FM	106 9
Franklin	WIZO-FM	100.1	Ft. Worth	KTSM-FM	99.9	Salt Lake City	KCPX-FM	96.1 98.7	Cheney College Place	KEWC-FM KGTS	89.9 91.3
Greeneville	WOFM	94.9		KBUY-FM	93.9		KRSP-FM	94.1	Edmonds	KCWS-FM	105 3
Hendersonville	WHVT	92.1		KFWT-FM	102.1		KSL-FM	100.3	Hoquiam	KGHO-FM	103.9
Jackson	WTJS-FM	104.1		KTCU-FM	89.1		KUER	90.1	Longview	KLYK	105.5
Jamestown Johnson City	WDEB-FM WQUT	100.1	Fredericksburg	KNAF-FM	101.1		KWIC	97.1	Mercer Island	KMIH	90.1
Kingsport	WKPT-FM WBIR-FM	98.5	Galveston	KGAF-FM KGBC-FM	94.5	Spanish Fork	KONI-FM	106.3	Opportunity	KZUN-FM	96.1
	WIVK-FM	97.5	Harlingen Henderson	KELT KGRI-FM	94.5	VER	MONT		Prosser	WPJB-FM	105.1
	WKCS	91.1	Hereford Highland Park-D	KPAN-FM	106.3	Burlington	WJOY-FM	98.9	Richland	KORD-FM	104.9
Lawrenecburg Lebanon	WDXE-FM WFMO	95.9	Hillsboro	KVIL-FM KHBR-FM	103.7		WRUV	90.1	Seattle	KING-FM KBBX	98.1 98.9
Lengir City	WCOR-FM WLIL-FM	93.5	Houston	KHOB-FM KAUM	105.7	Middlebury	WRMC-FM WNUB-FM	91.7 89.1		KBLE-FM KETO-FM	93.3
Lewisburg	WIJM-FM	94.3		KIKK-FM	95.7	Randolph Center	WHWR.FM	90.7		KIRO-FM KISW	100.7
Livingston	WLIV-FM	95.9		KEMK	97.9	Springfield St Albans	WCFR-FM	93.5		KLSN	96.5 89.5
Martin	WCMT-FM	101.7		KODA-FM	99.1	White River Jun	etion WNHV-FM	05.7		KOL-FM KRAB	94.1
McMinnville	WHNR	103.9		KLEF	94.5			33.7		KTW-FM	102.5
memphis	WCBC	91.1		KPBE	104.1	VIR	GINIA		Snokana	KIXI-FM	95.7
	WMPS-FM	97.1		KBNO	93.7	Abingdon	WBBI-FM	92.7	Эрокано	KCFA-FM	107.9
	WREC-FM WTCV	101 5	Jacksonville	KSAM-FM KOOI	106.5	Arlington	WAVA-FM	105.1		KEZE-FM	105.7
Milan	WKBJ-FM	92.3	Killeen	KLEN-FM	93.3	Blacksburg	WVVV	104.9		KHQ-FM	98.1
Murfreesboro	WMTN-FM WMTS-FM	95.9	Kingsville	KNCT-FM KPUP	91.3	Charlottesvillo	WINA-FM	95.3	Tacoma	KLAY-FM	105 1
Nashville	WLAC-FM	105.9	La Grange	KVLG-FM	91.9 104.9		WCCA-FW	97.5		KPLU-FM KTNT-FM	88.5 97.3
	WKDA-FM WPLN	90.3	Lake Jackson Lamesa	KELE	107.3	Chesapeake Chester	WFOS	90.5 92.1		KTAC-FM	91.7 103.9
	WNAZ-FM WSET	88.9 92.9	Livingston Langview	KETX-FM KHER	92.1	Covington Crewe	WKEY-FM WSVS-FM	100.9 104 7	Walla Walla Wenatchee	KWCW KPD-FM	90.5
	WSIX-FM WSM-FM	97.9 95.5	Lubbock	KSEL-FM K! BK-FM	93.7 94.5	Culpeper Danville	WCUL WBTM-FM	103.1	Yakima	KNDX KMWX-FM	104.1
Oak Ridge Oneida	WATO-FM WBNT-FM	94.3 105.5		KLLL-FM KTXT-FM	96.3	Farmville Front Royal	WFLO-FM WFFV	95.7 103.9		KIT-FM	94.5
Paris Pulaski	WTPR-FM WMGL	98.3	Marshali McAllen	KMHT-FM KOXX	97.3 98.5	Fredericksburg Galax Gate City Gretna Grundy Hampton Harrisonburg	WFVA-FM WFLS-FM	101 5	WEST \	IRGINIA	
Sevierville Savannah	WSEV-FM WORM-FM	102.1	McKinney	KVMV-FM KAWB	96.9 95.3	Galax Gate City	WBOB-FM WGAT-FM	98.1 104.9	Beckley	WBKW	99.5
Shelbyville Smithville	WHAL-FM	102.9	Midland Mineral Wells	KNEM	92.3	Gretna	WMNA-FM WNRG-FM	103.3	Berkley Springs	WCIR-FM WCST-FM	103.7 93.5
Sparta Springfield	WSMT-FM WDBL-FM	105.5	Mt. Pleasant Muleshoe	KIMP-FM KMUL-FM	100.7	Hampton	WVEC-FM	101.3	Bethany Bluefield	WVBC WHIS-FM	88.1 104.5
Sweetwater Tullahoma	WDEH-FM WJIG-FM	95.3	Vacogdoches	KSFA-FM KEFM KNBO	92.1	Harrisonburg	WEMC	91.7	Buckhannon	WKIC	106.3
Waverly	WVRY	93.3 1 04.9	New Boston New Braunfels	KNBO	95.9	Lautantan	WSVA-FM	100.7	Charleston	WVWC WKAZ-FM WCHS-FM	97.5 96.1
	XAS		Odessa	KQIP	96.9	Lexington Lynchburg	WLUR WWOD-FM WLLL-FM			WKNA	98.5 102.7
	-			KOCV KOYL-FM	91.3 97.9	Manassas	WEZR	106.7	0h	WVAF	98.9
Abilene	KFMN KWKC-FM KGNC-FM	99.3	Orange Palestine	KOBS-FM KLIS	104.5 94.3	Marion	WEZR WMEV-FM WOLD-FM	93.9	Charles Town Huntington	WZFM WKEE-FM WMUL	98.3 100.5
Amarillo	KGNC-FM KDJW-FM	93.1 94.1	Paris Pasadena	KOYL-FM KOBS-FM KLIS KPLT-FM KYND	99.3 92.5	Martinsville Newport News	WMVA-FM WGH-FM	96.3		WVOM	1033
Austin	KGNC-FM KDJW-FM KHFI-FM KASE KMFA KOKE-FM KTBC-FM KUT-FM KAYD	98.3		KHBL	88.1 97.3	Norfolk	WMTI WCMS-FM WNOR-FM	91.5	Logan Martinsburg		101.9 97.5
	KMFA	89.5	Port Arthur	KPLA KCAW-FM KPAC-FM KROB-FM KFRD-FM KWLW	93.3 98.5	l	WNOR-FM	98 7	Morgantown Oak Hill	WOAY-FM	94 1
	KTBC-FM	93.7	Robstown	KROB-FM	99. 9		WOWI WTAR-FM WTID-FM	95.7	Parkersburg	WTAP-FM WCEF-FM	103.1
Beaumont	KAYD	97.5	Rosenberg San Angelo	KWLW	93.9		WTID-FM WXRI WYFI	105.3	Princeton	WHGC	95.9 105 I
	KTRM-FM	94.1		KSIT	94.7	Norton	WNVA-FM WJMA-FM	106.3	St. Albans Welch	MK1C	106.3
Belton	KJET-FM KTON-FM	106.3	San Antonio	KISS KBER-FM	100.3	Petersburg	WSSV-FM	99.3	Wheeling	WKWK-FM WWVA-FM WTRF-FM	97.3 98.7
Big Spring	KFNE	95.3		KEEZ	97.3	Pulaski	WPUV-FM	107.1	ı	WIRF-FM	107.5
FALL-WINTE	ER, 1971										93

MHz Location

WISCONSIN

Appleton	WLEM	91.
	WAPL-FM	105.
Ashland	WATW-FM	95.
Baraboo	WLVE	94.
Beaver Dam	WBEV-FM	95.
Beloit	WBCR-FM	88.
Brule	WHSA	89.
Chilton	WHKW	89.
Chippewa Falls	WCFW	105.
Colfax	WHWC	88
Delafield	WHAD	90.
Dodgeville	WDMP-FM	107
Eau Claire	WIAL	94
Dag olalio	WBIZ-FM	100
	WEAU-FM	104
Fond du Lac	WFON	107
Fort Atkinson	WFAW-FM	107
Green Bay	WBAY-FM	101
dieen bay	WDUZ-FM	98
Hayward	WRLS	92
Highland	WHHI	91
Holmen	WHLA	90
Janesville	WIVE	99
Kaukauna	WYLE	104
Келоѕћа	WLIP-FM	95
La Crosse	WLSU	88

Location

Call

Location	Call	MHz
	WWLA	93.3
Madison	WHA-FM	88.7
	WIBA-FM	101.5
	WISM-FM	98.1
		4.1(s)
	WRVB	102.5
Manitowee	WKUB	92.1
Marinette	WHMD WDLB-FM	91.5
Marshfleld Medford	WIGM-FM	106.5
Menomonie	WDMW	92.1
menomonie	WVSS	89.5
Menomonee Falls		98.3
Merrill	WXMT-FM	93.5
Middleton	WMAD-FM	106.3
Milwaukee	WEMR	96.5
III II II II II II II II II II II II II	WMVM	95.7
	WISN-FM	97.3
	WRIT-FM	102.9
	WAWA-FM	102.1
	WQFM	93.3
	WTMJ-FM	94.5
	WBON	107.7
	WNUW	99.1
	WUWM	89.7
	WYMS	88.9
Monroe	WEKZ-FM	93.7
Neenah-Menasha		99.3
Neillsville	WCCN-FM	107.5
New London	WLIH-FM	93.5
New Richmond	WIXK-FM	107.1
Oconto	WOCO-FM	107.1
Oshkosh	WMKC	96.7
	WRST-FM	1.88
Park Falls	WOSH-FM WNBI-FM	103.9
Platteville	WNBI-F M	98.3 90.5
	WSWW-FM	99.3
	WPDR-FM	100.1
Portage Port Washington		100.1

z	Location	Call	MHz	Locatio
.3	Prairie du Chier	1		Laramie
.7	Transce de Cine	WPRE-FM	94.3	
.5	Racine	WRKR	100.7	
Ĭ.		WENY	92.1	
(3	Reedsburg	WRDB-FM	104.9	Agana
.5	Rhinelander	WOBT-FM	107.9	P
1.	Rice Lake	WJMC-FM	96.3	P
.5	Richland Center	WRCO-FM	100.9	Arecibo
.5	Ripon	WCWC-FM	95.9	ALECIDO
.3		WRPN	90.1	Aguadilla
ĩ.	River Falls	WEVR-FM	106.3	Aguadina
.5		WRFW	88.7	Bayamon
	Sauk City	WVLR	96.7	Dayamon
.5	Shawano	WTCH-FM	100.1	Caguas
.3	Sheboygan	WHBL-FM	97.7	Camuy
.5	Sparta	WCOW-FM	97.1	Carolina
3535739	Stevens Point	WSPT-FM	97.9	Corozal
3	Ottovons i onne	WSUS	89.9	Fajardo
9	Sturgeon Bay	WDOR-FM	95.9	Guayama
· F	Superior	WSSU	91.3	Isabela
.3	Suring	WRVM	102.7	Maricao
357	Tomah	WTMB-FM	98.9	Mayaque
7	Two Rivers	WQTC-FM	102.3	mayaque
.1	Viroqua	WGBM	102.3	10.00
7	Watertown	WTTN-FM	104.7	Ponce
9	Waukesha	WAUK-FM	106.1	Fonce
.7	Waupaca	WDUX-FM	92.7	The state of the state of
3	Wausau	WRIG-FM	101.9	San Gerr
.3	** ausau	WHRM	91.9	San Juan
.5		WIFC	95.5	San Juan
ĭ	Wauwatosa	WEZW	103.7	
i	West Bend	WBKV-FM	92.5	
7	Whitewater	WSUW	91.7	
.1	Wise, Rapids	WWRW	103.3	
9	Wiec. mapius	****	103.3	
9	14/1/-			Utuado
	WYC	MING		Otunuo

ocation.	Call	MH
aramie	KUWR	91.5
G	MAII	

KUAM-FM 93.9

Aguadilla	WIVA-FM	100.3
	WTPM	92.9
Bayamon	WRSJ-FM	100.7
	WEYA	94.7
Caguas	WA1b-EW	103.3
Camuy	WCHQ-FM	102.9
Carolina	WOLA-FM	107.7
Corozal	WORO	92.5
Fajardo	WMDD-FM	94.7
Guayama	WXRF-FM	106.9
Isabela	WISA-FM	101.5
Maricao	WAEL-FM	96.f
Mayaquez	WKJB-FM	99.1
	WORA-FM	97.5
	WOYE-FM	94.1
Ponce	WZAR	101.9
	WPAB-FM	93.3
	WPRP-FM	105.1
San German	WRPC	95.1
San Juan	WIPR-FM	91.3
	WIAC-FM	102.5
	WJIT-FM	93.7
	WKAQ-FM	104.7
	WKVM-FM	105.7
	WPRM-FM	98.5
	WQBS-FM	99.9
Utuado	WUPR-FM	104.1

VIRGIN ISLANDS KAWY 94.5 KVW0-FM 106.3 Charlotte Amalie WESP 110.1 KFBC-FM 97.9 Christiansted WIVI-FM 99.5

United States FM Sta ters

KABI-FM Abilene,	Kan. 98.3
KABL-FM San Fran	cisco. Cal.
KACA Prosser, Was	h.
KABL-FM San Fran KACA Prosser, Was KACE-FM Riverside	, Calif.
KACO St. Louis, Mo	. 107.7
KACO St. Louis, Mo KADI St. Louis, Mo).
KADO Texarkana, A KADX Denver, Colo	rk. 107.1
KADX Denver, Colo	
KAFE-FM Santa Fe KAFF-FM Flagstaff	, N. M. 97.3 F, Ariz. 92.9
KAFF-FM Flagstaff	, Ariz. 92.9
KAFI Auburn, Calif	
KAGE-FM Winona,	Minn. 95.3
KAGH-FM Crossett,	Ark.
KAKC EM Tules O	, Hawaii
KALA Dayannart L	kla. 92.9
KAI R. FM Alexande	in to
KAFI AUBURN, CAIT KAGE-FM Winona, KAGH-FM Crossett, KAIM-FM Honolulu KAKC-FM Tulsa, O KALA Davenport, Iz KALB-FM Alexandr KAJL Yuma, Ariz. KALL-FM Salt Lak KALW San Francist KALX Berkeley, Cai KAMB Merced Cai KAMB Merced Cai	ia, La. 95.1
KALL-FM Salt Lak	e City, Utah
KALW San Francisc	o. Callf.
KALX Berkeley, Cal	
KAMS Mammoth Sp	rings, Ark.
KAMU Anchorage, A	laska
KANG Angwin, Cal.	!!
KANS-FW Larned,	Kan.
KAMS Mammoth Sp KAMS Mammoth Sp KAMS Angwin, Cal. KANS-FM Larned, KANU Lawrence, K KANW Albuquerque	ans.
KAOL - FM Carrollto	, N.Mex.
KAOL-FM Carrollto KAPX San Clemente KARD-FM Wichita, KARK Little Rock, KARL-FM Carlsbad KARM-FM Carlsbad	, Cal. 107.9
KARD-FM Wichita	Kans. 107.3
KARK Little Rock	Ark.
KARL-FM Carlshad	, Cal.
KARM-FM Fresno,	Calif.
KASC Conway, Ark.	3737
KASD Aberdeen, S.I.	90 1
KASE Austin, Tex.	100.7
KASF Alamosa, Col	0. 90.9
KASC Conway, Ark KASD Aberdeen, S.I KASE Austin, Tex. KASE Alamosa, Col KASI-FM Ames, Joy	va 107.1
MAGU JUHUSDOFU, AI	K.
KATY-FM San Luis KAUM Houston, Tex	Obispo, Calif.
KAUM Houston, Tex	96 5
KAUS-FM Austin, KAVI-FM Rocky Fo	Minn. 99.9
KAVR-FM Apple V	alley, Cal.
	102 3
KAVS Thief River F	alls. Minn.
	89.5
KAWB McKinney, 7	Tex. 95.3
KAWL-FM York, N	eb.
KAWY Casper, Wyo.	
KAXK Flagstaff, Ari	2. 88.5
KAYD Beaumont, T	ex. 97.5
KATL-FM Storm La	ke, lowa 101,5
VDBB EM Dose, Ca	L.
KRRI Los Angeles	Colif
KAVS Thief River F KAWB McKinney, T KAWL-FM York, N KAWY Casper, Woy KAXB Flagstaff, Ari KAYD Beaumont, T KAYL-FM Storm La KBAY San Jose, C KBBB-FM Borger, KBBI Sa Angeles, KBBK-FM Blase, I	da la
KBBL Riverside, Ca	ua.
KBBW San Diego,	Cat.
Juli Diego,	· · · · · · · · · · · · · · · · · · ·

Freq.	Call	Location	Freq.	Cal
98.3	кввх	Seattle, Wash. Ventura, Calif. Los Angeles, Cali		KCA
, Cal.	KBBY	Ventura, Calif.	1.26	KCA
	KBCA	Los Angeles, Cali	f.	KCA
if. 107.7	KBCL-I	FM Shreveport, L FM Modesto, Cali	a.	KCE
107.7	KREM.	FM Minneapolis,	Minn.	KCF
107.1			88.5	KCE
11377	KBER-	FM San Antonio,	Tex.	K C.C
M. 97.3 iz. 92.9	KBEW-	FM Blue Earth, M	dina.	KCC
iz. 92.9	KBEY	Kansas City, Mo.	1000	KCE
n. 95.3	KREM	FM San Antonio, FM Blue Earth, M Kansas City, Mo. Buffalo, Mo. Lubbock, Tex.		KCE
				KCF
waii	KBGL	Pocatello, Ida. FM Caldwell, Ida Bozeman, Mont.	88.7	KU
92.9	KBGN-	FM Caldwell, Ida	. 94.1	KC
•	KBHF	FM Hot Springs,	Ark	KCF
95,1	KRIA-F	M Columbia, Mo.	AIN.	KCC
y, Utah	KBIG-I	M Columbia, Mo. FM Los Angeles-A	valon.	KCH
y, Utah	Cal.		104.3	KCH
		FM Roswell, N.Me	ex.	KCI
94.3	KBIUE	dmonds, Wash.	101.5	KCI
, Ark.	KRI E.	San Diego, Cal. FM Seattle, Wash.	101.0	KCI
, Alik.	KBMC	Eugene, Ore.		KCJ
	IKBMF-	FM Spearman, le	x.	KUI
	KBM0-	FM Benson, Mini FM Bismarck, N.	n. 93.5	KCL
anu.	KBMR-	FM BISMARCK, N.	98.5	KCI
řex.	KBMS	Billings, Mont.	90.5	KCL
. 107.9	KRNO	Albuquerque, N.M Houston, Tex.		KC
. 107.3	KBOA-	FM Kennett, Mo. West Covina. Cal.		KC
	KB0B	West Covina, Cal.		KCI
	KBOE-	FM Oskaloosa, lov FM Boise, Ida.	va	KCI
89.3				KCC
90.1	KBOS .	Tulare, Cal. FM Dallas, Tex.	94.9	NU
90 1	KBOX-	FM Dallas, Tex.		KCF
90.9			j.	KCF
107.1	KBPI	Denver, Colo.		KC
0-174	KBPK	enver, Colo. Buena Park, Cal Beaumont, Tex.	if. 90.1	KCF
po, Calif.				KCI
96 5 99.9	KBMT	i in reigus rans,	103.3	KCI
	KBRG	San Francisco, Cal FM Brinkley, Ark FM Brookings, S FM Bremerton, W		KCI
Cal. 102.3 Minn.	KBRI-I	FM Brinkley, Ark	. 102.3	KCS
102.3	KBRK-	FM Brookings, S	.D. 94.3	1100
Minn.	KBRU-	FM Bremerton, W	asn.	KCS
89.5 95.3	KRTM.	FM Houston, Mo. FM Jonesboro, Ar	k	KCS KCS KC
00.0	KBUS-	FM Terrell Hills.	Tex.	KC
1000	KBUR-	FM Burlington, I	a.	KCT
88.5	KBUY-	FM Terrell Hills, FM Burlington, I: FM Ft. Worth, Te	x.	KC
97.5	KBUZ-	FM Mesa, Ariz.		KC
owa 101,5		Boulder, Colo.	94.7	KCI
		Corvallis, Ore.		KC
		FM Caldwell, Ida		KC/
9	KBYE-	FM Oklahoma City	y, Okla.	KC
		U4-b	98.9	
	KBYU-	FM Provo, Utah	,	KD

tions	by	Call	Let	i
Call	Locat	ion	Freq.	(
KCAB-FM KCAL-FM KCAW-FM KCBL-FM	Dardan Redland Port A	elle, Ark ds, Calif. rthur, Te	93.3 91.5	*******
KCBM Chi KCBS-FM KCCO-FM KCCO-FM KCES-FM KCES-FM KCFA-SIO KCFM SI. KCFR Der KCFY Fer KCGM So KCHO-Chi	Tucson. aula, Ok Spokan Louis. I liver. Col lix Falls guson. bbey, M Sioux	Ariz. Ia. Ariz. Ia. Wash. Mo. Io. S.D. Mo. ont. Falls, S.I	90.1 90.1 89.5 95.7 0. 93.5	** ******
KCHF-FM KCHO Chi KCIL Houn KCIM-FM KCIV The KCJB-FM KCJC Kan KCKN-FM KCKO-FM KCLO-FM KCLO-FM KCLU-FM KCMS-FM KCMS-FM KCMT-FM	ma, La. Carroll, Dalles, Minot, sas City I Kansa: Charles, Clintor Leavent Rolla, I Franci	, Ia. Ore. N.D. , Kan. s City, K Mo. s. Iowa worth, Ka Mo. sco. Cal. u Spring	104.5 an. 89.9 97.7 ins.	***********
KCNM Car KCOB-FM KCOE-FM	Isbad, Newton	N. M.	95.9	-
KCPR San KCPS Tace KCPX-FM KCRC-FM KCRF-FM KCRH Na KCRI Hele KCRW San KCSB-FM	Luis O oma, Wa Salt L Enid. (Winns mpa, Id ena, Ari	bispo, Ca ish. ake City, Okla. boro, La. laho	90.5 II. 91.3 Utah	* *********
KCSC Edm KCSM San KCSU-FM KCTC Sac KCTM Car KCUE-FM KCUI Pell KCUR-FM KCWM Ft KCWS-FM KCYS Rid KDB-FM KDB-FM	Mateo. Ft. Coll ramento, iton, Mc Red W la. Ia. Kansas Worth, I Ellens hland. V Santa B	Calif. Calif. lins, Colo Cal. Cal. Cal. Tex. Tex. Vash. Carbara, Carbara, C	102.3 n. o. sh.	

.	Coll	Location	Freq.
	KDCR S	ioux Center. Iowa FM Dumas, Tex. M Albuquerque, P. M Denver, Colo. M Palm Spgs., C. FM De Witt, Ari an Francisco, Cali M Albuquerque, P. M Dexter, Mo. Walnut Creek, Cal M Twenty-Nine P.	91.3
1	KDDD-F	M Dumas, Tex.	May L
3	KDEN-E	M Denver Colo	W. INI CX.
5	KDES-F	M Palm Spgs., C	alif.
7	KDEW-	FM De Witt, Ari	z. 96.7
٠l	KDFCS	an Francisco, Cali	1. I. M
Н	KDEX-F	M Dexter Mo	102.3
1	KDFM	Walnut Creek, Cal	
П	KDHI-F	M Twenty-Nine P	alms.
	Cal.	M Foriboult Mi	nn
	KDHS N	M Faribault, Mit fodesto, Cal. rinnell, Iowa in Diego, Cal. M Amarillo, Tex. M Pittsburgh, Pa M De Ridder, La.	90.5
1	KDIC G	rinnell, Iowa	89.5
Ш	KDIG Sa	n Diego, Cal.	
5751	KDJW-F	M Amarillo, lex.	2.7
5	KDLA.F	M De Ridder, La.	
ĭ	KDLK-F	M Del Rio, Tex.	
1	KDLO-F	M Watertown, S.I	D
5	KDLK-F	M Porry laws	104 0
1	KDMID	es Moines, Iowa	104.5
1	KDNA S	t. Louis, Mo.	102.5
	KDNC-F	M De Ridder, La. M Del Rio, Tex. M Watertown, S.1 M Devils Lake, M M Perry, Iowa es Moines, Iowa st. Louis, Mo. M Spokane, Wast Delane, Cal. M Denton, Tex. M Mojaye, Cal.	1.
7	KDNU L	M Denton Tex	96.5
1	KDOL F	M Mojave, Cal.	
١	KDOT-F	M Spokane, Wast Delano, Cal. M Denton, Tex. M Mojave. Cal. M Scottsdale, Ar- les Moines, Iowa M Denison, Iowa argo, N.D.	z. 100.7
	KDPS D	es Moines, Iowa	107.1
	KDSN-F	M Denison, lowa	107.1
7			
	Tex.		
9	KDU0 F	iverside, Calif.	104.7
-	KDUX A	liverside, Calif. Aberdeen, Wash. M Hutchinson, M	inn 104./
5	KD02-F	W Hutelinson, W	107.1
	KDVRS	loux City, Iowa	
	KDVS D	avis, Cal.	91.5
	KEARS	an Francisco, Cali	1. 07 2
5	KERCO	klahoma City Oki	97.3
9 5 5	KEBJ P	loux City, Iowa davis, Cal. an Francisco, Cali an Francisco, Ca klahoma City, Okl hoenix, Ariz. acramento, Calif.	4.
	KEBR S	acramento, Calif.	
_	KECR E	I Cajon, Calif.	
5	KEDE	as Venas N.M.	
	KEEL-F	M Shreveport, La	a. 93.7
	KEEY-F	M Minneapolis-S	t. Paul,
3	KEEZ S	noemx, Ariz. acramento, Calif. I Cajon. Calif. M Northridge, Ca as Vegas, N.M. M Shreveport, La M Minneapolis-S an Antonio, Tex. Vano Tex (s)	
3			
	KEHG	acagdoches, Tex. M Fosston, Minn	103.3
	KEIR	allas, Tex.	. 107,1
	KFI A.F	M Centralia Was	sh.
1	KELD-F	M El Dorado, Ar	k.
1	KELE L	M El Dorado, Ar amesa, Tex.	100.3
	KELO-F	M Sioux Falls, S.	D.

Call Location Freq.	Call Location Freq.	Call Location Freq.	Call Location Freq.
KENA-FM Mena, Ark. 101.7 KENW-FM Portales, N.M. 88.9	KHFM Albuquerque, N.Mex. KHGM Houston, Tex. 102.9	KLON Long Beach, Calif. KLOR-FM Ponca City, Okla.	KOFO-FM Ottawa, Kan, KOGM-FM Tulsa, Okla.
KEPH Ephraim, Utah 89.5 KEQR Chica, Cal.	KHIG Paragould, Ark. 104.9	KLOS Los Angeles, Calif. 95.5 KLOV-FM Loveland, Colo.	KOGO-FM San Diego, Calif. 94.1 KOIL-FM Omaha, Neb. KOIN-FM Portland, Oreg.
KERI Bellingham, Wash. KERN-FM Bakersfield, Calif.	KHJ-FM Los Angeles, Cal. 101.1 KHKA Hillsboro, Mo. 88.9	KLPW-FM Union, Mo. 101.7 KLRB Carmel, Calif. 101.7	KOIN-FM Fortiand, Oreg. KOIT San Francisco, Cal.
KERR Salinas, Cal. KERS Sacramento, Cal. KESD Brookings, S.D.	KHOB-FM Hobbs, N. M. KHOF Los Angeles, Calif.	KLRO San Diego, Calif. KLSN Seattle, Wash. KLSS Mason City, Ia.	KOIT San Francisco, Cal. KOKE-FM Austin, Tex. KOKH Oklahoma City, Okla. KOL-FM Seattle, Wash.
KESD Brookings, S.D. KESM-FM El Dorado Springs, Mo.	KHOM Houma, La. KHOW-FM Denver, Colo, 95.7 KHOZ-FM Harrison, Ark.	KLTB Bolivar, Mo. KLUE-FM Longview, Tex.	KOME San Jose, Calif. 98.5
KETO-FM Seattle, Wash. KETU Salem, Mo. 95.9	KHPC Brownwood, Tex. KHQ-FM Spokane, Wash,	KLUM-FM Jefferson City. Mo.	KONG-FM Visalia, Calif. KONI-FM Spanish Fork, Utah
KETX-FM Livingston, Tex. 92.1 KEWB Redding, Cal. 104.3	I KHRU Clayton, Mo. 88.1	KLVL Pasadena, Tex.	KOOI Jacksonville, Tex. 106.5 KOOL-FM Phoenix, Ariz, KOOM Benton, Ark. 107.1
KEWC-FM Cheney, Wash. KEWI-FM Topeka, Kan. KEYC-FM Manketo, Minn.	KHSJ-FM Hemet, Cal. KHTC Heiena, Mont. 89.5 KHVH-FM Honolulu, Hawaii	KLVM Hendorson, Nev. 95.5 KLWN-FM Lawrence, Kan. KLYD-FM Bakersfield, Cal. 94.1	KOPR-FM Great Falls, Mont. KORA-FM Bryan, Tex.
KEYN-FM Wichita, Kan. KEZE-FM Spokane, Wash, 105.7	KHVR Bijou, Calif, KIRS-FM Bishon, Cal.	KLYK Longview. Wash. 105.5 KLYN-FM Lynden, Wash.	KORE-FM Springfield-Eugene, Ore.
KEZR Anaheim, Calif. 95.9 KFAB-FM Omaha, Nebr.	KICD-FM Spencer, Ia. KICS-FM Hastings, Neb.	KLYQ-FM Hamilton, Mont. 95.9 KLYX Clear Lake City. Tex. 102.1	KORK-FM Las Vegas, Nev. KORU Tulsa, Okla.
KFAC-FM Los Angeles, Calif. KFAD Cleburne, Tex. 94.9	KID-FM Idaho Falls, Ida. KIFG-FM Iowa Falls, Ia.	KLZ-FM Denver, Colo. KMAG Ft. Smith, Ark. 99.1	KOSE-FM Osceola, Ark. KOSI-FM Denver, Colo. KOSO Patterson, Cal. 93.1
KFAM-FM St. Cloud, Minn. KFAB Fayetteville, Ark.	KIFM Bakersfield, Cal. 96.5 KIIX-FM Ft. Collins, Colo. 93.3 KIKK-FM Houston, Tex. 95.7	KMAX Sierra Madre, Calif.	KOSU Fatterson, Oan. KOSU-FM Stillwater, Okla. KOSY-FM Texarkana, Ark, 102.5
KFBC-FM Cheyenne, Wyo. 97.9 KFBD-FM Waynesville, Mo. KFBK-FM Sacramento, Cal. 92.5	KIKS-FM Lake Charles, La.	KMED-FM Medford, Ore. 93.7	KOSY-FM Texarkana, Ark. 102.5 KOTE Lancaster, Calif. 106.3 KOTN-FM Pine Bluff, Ark. 92.3
KFCA Phoenix, Ariz. 91.5 KFFM Rapid City, S.D. 93.9		KMET Los Angeles, Cal. KMFA Austin, Tex.	
KFGQ-FM Boone, Ia. 99.3 KFH-FM Wichita, Kan. 97.9	IKIMP-FM Mt Pleasant Tex.	KMFB-FM Mendocino, Cal. KMFL-FM Marshall, Mo. 102.9 KMFM San Antonio, Tex. (s)	KOUL Sinton, Tex. 103.3 KOVF-FM Kearney, Neb. 91.3
KFIG Fresno, Cal. KFIL-FM Preston, Minn. 103.1	KINB Peteau, Okla. 107.3 KIND-FM Independence, Kan. KING-FM Seattle, Wash.	KMFM San Antonio, 1ex. (s) KMFS Memphis, Tex. KMIH Mercer Island, Wash. 90.1	KOUL Sinton, Tex. 103.3 KOVF-FM Kearney, Neb. 91.3 KOWN-FM Escondido, Cal. KOYL-FM Odessa, Tex. KOYN-FM Billings, Mont. 93.3
KFJB-FM Marshalltown, Ia. KFJC Los Altos, Cal. KFKF-FM Bellevue, Wash.	KINI Indio, Cal. KINK Portland, Ore. 101.9 KINL Eagle Pass, Tex. 92.7	KMJ-FM Fresno, Calif.	KOZE-FM Lewiston, Idaho KOZN Dmaha, Neb. 94.1 KPAC-FM Port Arthur, Tex.
KFLA-FM Scott City, Kan. KFLY-FM Corvallis, Ore.	KINI-FM El Paso, Tex. 97.5	KMMK Little Rock, Ark. KMMM-FM Muskogee, Okla.	IKPAK ELPaso Tav
KFMB-FM San Diego, Calif.	KIOO Porterville, Calif. 99.7 KIOS-FM Omaha, Neb. 91.5	KMND-FM Mesa, Ariz,	KPAM-FM Portland, Dre. 97.1 KPAN-FM Hereford, Tex. 106.3 KPAT-FM Berkeley, Calif.
KFMC Provo, Utah 96.1 KFMD Dubugue, Ia	KIRU-FM Seattle, Wash,	IKMPL-FM Sikeston, Mo. 97.7	KPBS-FM San Diego, Calif. 89.5 KPCS Pasadena, Cal. 89.3
KFMG Des Moines, Ia. KFMI Eureka, Cal. 96.3	KISS San Antonio, Tex.	i KMRC-FM Morgan City, La.	KPDO-FM Portland, Ore. 93.7
KFMJ-FM Tulsa, Okla. 96.5 KFMK Houston, Tex. (s) KFML-FM Denver, Colo.	KIT-FM Yakima, Wash, KITE-FM San Antonio, Tex.	KMSC Clear Lake City, Tex. KMSM Rolla, Mo. KMSU Mankato, Minn. 90.5	KPEL-FM Lafayette, La. KPEN Los Altos, Cal. 97.7 KPER Gilroy, Cal. 94.3
KFMM Tucson, Ariz, KFMN Abilene, Tex.		KMTY-FM Clovis, N.M. 99.1	KPFA Berkeley, Cal. 94.1 KPFB Berkeley, Calif.
KFMP Cape Girardeau, Mo. 102.9 KFMQ Lincoln, Nebr.		KMUW Wichita, Kans. KMYC-FM Marysville, Calif.	KPFK Los Angeles, Calif. KPGY Ames, Iowa 91.9 KPIK-FM Colorado Springs, Colo.
KFMR Fremont, Cal.	KIAF Lakewood Colo 107.5	KMYO-FM Little Rock, Ark. KMUZ Santa Barbara, Calif. KNAF-FM Fredericksburg, Tex.	KPLC-FM Lake Charles, La.
KFMU Kansas City, Mo. KFMV Magnolia, Ark. KFMW Son Bornording Colif	KJAM-FM Madison, S.D. KJAN-FM Atlantic, Ia. KJAX Stockton, Cal.	KNBR-FM San Francisco, Calif.	KPLD Branson, Mo. 106.3 KPLN Del Ray Oaks, Calif. 107.1
KFMW San Bernardino, Calif. KFMX San Diego, Calif. KFMY Eugene, Oreg.	LKJAZ Alameda, Calif.	KNBT New Braunfels, Tex. 92.1	KPLT-FM Paris, Tex. KPLU Tacoma. Wash.
	I KJEM-FM UKIR. GITV. UKIA.	KNBY-FM Newport, Ark. KNCV Rochester, Minn. 101.7	KPLX San Jose, Cal. KPFM Portland, Oreg. KPGM Los Altos, Calif.
KFNB Oklahoma City, Okla. KFNE Big Springs, Tex. KFNV-FM Ferriday, La. 93.5	KJET-FM Beaumont, Tex. KJIB Portland, Ore. 99.5	KNDR Chickasha, Okla, KNCT-FM Killeen, Tex. 91.3 KNDX Yakima, Wash.	l KPLR-FM St. Louis, Mo.
KFOA Honolulu Hawaii	KJLH Long Beach, Cal. KJML Sacramento, Calif. KKCA Fulton, Mo. 97.7	KNEB-FM Scottsbluff, Neb. 94.1 KNED-FM McAlester, Okla.	KPMT Oxnard, Cal. KPNW-FM Eugene, Ore. 99.1 KPOC-FM Pocahontas. Ark. 103.9
KFOG San Francisco, Calif. KFOX-FM Los Angeles, Cal. KFPR San Francisco, Calif. 89.5	IKKND Jamestown ND	KNEI-FM Waukon, Iowa 103.9 KNER Dallas, Tex.	KPO1-FM Honolulu, Hawaii KPOK-FM Portland, Ore. 98.5
KFRD-FM Rosenberg, Tex, 104.9 KFRE-FM Fresno Calif	I KIPW EM Waypaguilla Ma	KNEU El Centro, Cal. 98.5 KNEV Reno, Nev. KNEW-FM Scottsbluff, Nehr. KNER Nowata Okla	KPOL-FM Los Angeles, Calif, KPOP-FM Roseville, Cal. 93.5 KPPC-FM Pasadena, Calif,
KFSG Los Angeles, Cal. 96.3		KNEW-FM Scottsbluff, Nehr. KNFB Nowata, Okla,	
KFTM-FM Ft. Morgan, Colo. KFUO-FM Clayton, Mo. KFWT-FM Ft. Worth, Tex. KFYR-FM Bismarck, N.D.	KKAI Kallua, Hawaii 96.3 KKCA Fulton, Mo. 97.7 KKDJ Los Angeles, Calif. 102.7	KNFM Midland, Tex. KNFM Midland, Tex. KNHC Seattle, Wash. KNHS Torrance, Cal. KNIK-FM Anchorage, Alaska KNIR-FM New Iberia, La. 99.1	KPQ-FM Wenatchee, Wash, KPRA Paso Robles, Calif. 94.3 KPRI San Diego, Calif.
KFYR-FM Bismarck, N.D. KGAF-FM Gainesville, Tex	KKDJ Los Angeles, Calif. 102.7 KKEA Hilo, Hawaii 97.9 KKFM Colorado Springs, Colo. KKHI-FM San Francisco, Cal. KKIT-FM Taos, N.M.	KNIK-FM Anchorage, Alaska KNIR-FM New Iberia, La. 99.1	KPRN Seattle, Wash.
KGAF-FM Gainesville, Tex. KGBC-FM Galveston, Tex. 106.5 KGBI-FM Omaha, Neb. 100.7	KKHI-FM San Francisco, Cal. KKIT-FM Taos, N.M.	KNIX-FM Phoenix, Ariz,	KPSR Los Altos, Cal. 91.5 KPRS-FM Kansas City, Mo.
KGBI-FM Omaha, Neb. 100.7 KGBS-FM Los Angeles, Cal. KGCC Denison, Tex. 89.7	KKLP Pipestone, Minn. 98.7 KKMA Pryor, Okla. 104.5 KKND Jamestown, N.D. 95.5	KNJO Thousand Oaks, Calif. KNLT Truckee, Calif. 101.7	KPUL-FM Pullman, Wash, 104.9 KPWD Plentywood, Mont.
KGFM Bakersfield, Cal. KGHO-FM Hoquiam, Wash, KGIW-FM Alamesa, Colo. 93.5	KKOP Redondo Beach. Cal.	KNOC-FM Natchitoches, La.	KQED-FM San Francisco, Cal. 88.5 KQFM Portland, Oreg.
KGLA Los Angeles, Calif.		KNOF St. Paul, Minn.	KQIP Odessa, Tex.
KGLR Reno, Nev. KGLT Bozeman, Mont. KGMB-FM Honolulu, Hawaii KGMI-FM Bellingham, Wash.	KLAW Lawton, Okla. KLAY-FM Tacoma, Wash.	KNOK-FM Ft. Worth, Tex. KNOS Marshall, Mo. 91.7 KNRO Conroe, Tex. 106.9	KORS-FM Goldon Valley, Minn.
Kumu-rm Cape Girardeau, Mo.	KLBK-FM Lubbock, Tex. KLBS-FM Los Banos, Cal.	KNTO Wichita Falls, Tex. KNTU Denton. Tex. 88.5	KQUE Houston, Tex. KQXT San Antonio, Tex. 101.9
100.7	KLCC Eugene, Ore. KLCN-FM Blytheville, Ark.	KNTO Wichita Falls, Tex. KNTU Denton, Tex. 88.5 KNUE Tyler, Tex. 101.5 KNUJ-FM New Ulm, Minn.	KQIP Odessa, Tex. KQMU Salt Lake City, Utah 94.1 KQRS-FM Goldon Valley, Minn. KQTY Wichita, Kan. KQUE Housten, Tex. KQXT San Antonio, Tex. KQXX MeAllen, Tex. KRAB Seattle, Wash. KRAK-FM Stockton, Calif.
KGMR-FM Jacksonville, Ark. KGNC-FM Amarillo, Tex. KGNO-FM Dodge City, Kan.	KLEA-FM Lovington, N. M.	KNUS Dallas, Tex. KNWA Fayetteville, Ark.	KRAZ Farmington, N.M. 96.9
KGPO Grants Pass, Oreg. KGRC Hannibal, Mo. KGRD-FM Las Cruees, N.M. KGRE Greeley, Colo. KGRI-FM Henderson, Tex. KGUD-FM Santa Barbara, Cal. KGUD-FM Santa Barbara, Cal.	KKWB Breckenridge, Minn. 104.9 KKWS Wadena, Minn. KLAW Lawton, Okla. KLAY-FM Tacoma, Wash. KLBK-FM Lubbock, Tex. KLBS-FM Los Banos, Cal. KLCC Eugene, Ore. KLCO-FM Blytheville, Ark. KLCO-FM Poteau, Okla. KLEA-FM Lovington, N. M. KLEB-FM Golden Meadow, La. KLEA-FM Golden Meadow, La. KLEM-FM LeMars, 1a. KLEM-FM Killeen, Tex. KLEM-FM Killeen, Tex. KLEM-FM Killeen, Tex. KLEM-FM Killeen, Tex. KLEM-FM Litchfield, Minn, 95.3 KLFD-FM Litchfield, Minn, 95.3 KLFM-Ames, 1a.	KNUS Dallas, Tex. KNWA Fayetteville, Ark. KNWC-FM Sioux Falls, S.D. KNWS-FM Waterloo, Iowa KNX-FM Los Angeles, Calif.	KRAK-FM Stockton, Calif. KRAZ Farmington, N.M. KRBB-FM Sallisaw, Okla. KRBE Houston, Tex. KRBI-FM St. Peter, Minn.
KGRE Greeley, Colo. KGRI-FM Henderson, Tex.	KLEN-FM Killeen, Tex. 93.3 KLFD-FM Litchfield, Minn. 95.3	KNXR Rochester, Minn. KOA-FM Denver, Colo.	KRBI-FM St. Peter, MINN. KRBM Pendleton, Ore. 90.9 KRBT Woodland, Cal. 102.5 KRCB-FM Council Bluffs, Ia. KRCC Colorado Springs, Colo. KRCH St. Louis, Mo. KRCW Santa Barbara, Calif. KRDO-FM Colorado Springs, Colo. KRCM Santa Barbara, Calif. KRDO-FM Colorado Springs, Colo. KREM MARORO.
KGUD-FM Santa Barbara, Cal. KGUS Hot Springs, Ark. 97.5		KNXR Rochester, Minn. KOA-FM Denver, Colo. KOAP Portland, Ore. 91.5 KOAT-FM Albuquerque, N.M.	KRCB-FM Council Bluffs, Ia. KRCC Colorado Springs, Colo.
KGVW-FM Idano Falls, Ida. KGVW-FM Belgrade, Mont.	KLGS Los Gatos, Cal. KLIL Ukiah, Cal.	KOB-FM Albuquerque, N.M.	KRCW Santa Barbara, Calif.
KGUS Hot Springs, Ark. 97.5 KGVM-FM Idaho Falls, Ida. KGVM-FM Belgrade, Mont. KHAK-FM Cedar Rapids, Jowa KHAR-FM Anchorage, Alaska KHBL Plainview, Tex.	KLGS Los Gatos, Cal. KLIL Ukiah, Cal. KLIN-FM Lincoln, Neb. KLIQ-FM Portland, Ore. KLIR-FM Denver, Colo.	MODE EM Orones Toy 104 E	KREM-EM Snokane Wash
KHBM-FM Monticello, Ark, KHBR-FM Hillsboro, Tex. 102.5 KHBT Humboldt, Iowa 97.7	KLIZ-FM Brainerd, Minn. 95.7 KLJC Kansas City. Mo. 88.5	KOCM Newport Beach, Cal. KOCN Pacific Grove, Cal.	KREP Santa Clara, Cal.
KHBT Humboldt, Iowa 97.7 KHCB-FM Houston, Tex. 105.7	KLIZ-FM Brainerd Minn. 95.7 KLJC Kansas City, Mo. 88.5 KLJT Lake Jackson, Tex. KLLL-FM Lubbock, Tex. 96.3	KOCV Odessa, Tex. KOCY-FM Oklahoma City, Okla.	KREP Santa Clara, Cal. KRES Moberly, Mo. KREX-FM Grand Junction, Colo. KRFM Phoenix, Ariz.
KHCB-FM Houston, Tex. 103.7 KHEN-FM Henryetta, Okla. KHEP-FM Phoenix, Ariz. KHFI-FM Austin, Tex.	KLMO-FM Longmont, Colo. KLOA-FM Ridgetrest, Calif. KLOM-FM Lompoc, Cal. 92.7	KOCM Newport Beach, Cal. KOCM Patific Grove, Cal. 104.9 KOCV Odessa, Tex. KOCY-FM Oklahoma City, Okla. KODA-FM Houston, Tex. KOPA-Yuma, Artz. KOFM Oklahoma City, Okla.	KRFO-FM Owatonna, Minn. KRIL El Dorado, Ark. KRIT Clarion, Iowa
KHFI-FM Austin, Tex.	I KLUM-FM Lompoe, Cal. 92.7	KUP M OKIANOMA City, Okla.	KRIT Clarion, Iowa

RADIO LOG

GOO	
Call Location	req.
KRKH-FM Lubbock, Tex. KRLD-FM Dallas, Tex. KRMD-FM Shreveport, La. KRMG-FM Tulsa, Okla. KRMH-SM MATCOS, Tex. KRMS-FM Osage Beach, Mo.	
KRMD-FM Shreveport, La. KRMG-FM Tulsa, Okla.	103.7
KRMG-FM Tulsa, Okla. KRMH San Marcos, Tex. KRMS-FM Osage Beach, Mo. KRNL-FM Mt. Vernon, la. KRNT-FM Des Moines, la. KRNW Boulder, Colo. KRNY-FM Kearney-Holdrege Nebraska KROA Aurora. Neb.	103.7
KRNT-FM Des Moines, Ia. KRNW Boulder, Colo.	
Nebraska KROA Aurora, Neb.	,
KROB-FM Robstown, Tex. KROC-FM Rochester, Minn.	
KROS-FM Clinton, fowa KRRC Portland, Ore.	89.3
KRSA-FM Salinas, Cal. KRSB Roseburg, Ore.	103.1
KRSI-FM St. Louis Park, M KRSL-FM Russell, Kan.	inn.
Nebraska KROA Aurora, Neb. KROB-FM Robstown, Tex. KROB-FM Robstown, Tex. KROC-FM Robester, Minn. KRON-FM San Francisco, Ca KROS-FM Clinton, Iowa KROS-FM Clinton, Iowa KRC Portland, Ore. KRSB Roseburg, Ore. KRSB Roseburg, Ore. KRSI-FM St. Louis Park, M KRSI-FM St. Louis Park, M KRSI-FM Russell, Kan. KRSI-FM Hos Alamos, N.M KRSI-FM Los Alamos, N.M KRSP-FM Salt Lake City, U	ex.
KRST Albuquerque, N.M. KRUS-FM Ruston, La. KRVM Eugene, Oreg. KRVN-FM Lexington, Neb. KRVS Lafayette, La. KRWG University Park, N.	103.5
KRVM Eugene, Oreg. KRVN-FM Lexington, Neb.	93.1
KRWG University Park, N.	88.3 91.7
KRVS Lafayette, La. KRWG University Park, N. KRWL-FM Carson City, New KRXL Kirksvillo, Mo. KRYT-FM Colorado Springe, Colo. KRYT-FM Colorado Springe, Colo. KSAM-FM Huntsville, Tex. KSAM-FM Huntsville, Tex. KSAM-FM Huntsville, Tex. KSAM-FM San Luis Obispo, KSCO Santa Cruz, Calif. KSBY-FM San Luis Obispo, KSCO Santa Cruz, Calif. KSBW-FM Manhattan, Kans. KSBO-FM Manhattan, Kans. KSDO-FM San Diego, Calif. KSEL-FM Lubbock, Tex. KSEO-FM Durant, Okla. KSET-FM Napode, Calif. KSEL-FM Lubbock, Tex. KSED-FM Napode, Calif. KSET-FM Napode, Calif. KSET-FM Napode, Calif. KSET-FM Napode, Calif. KSET-FM Napode, Calif. KSEM-FM Ste, Cenevieve, N KSHE Crestwood, Mo. KSEM-FM Ste, Cenevieve, N KSHE Crestwood, Mo. KSIS-FM Sedalia, Mo. KSIS-FM Sedalia, Mo. KSIS-FM Sedalia, Mo. KSIS-FM Scotkon, Calif. KSIM-FM Corpus Christi, Tex. KSIB-FM Creston, Ia. KSIS-FM Scotkon, Calif. KSIM-FM Collegeville, Minn. KSIG-FM Sond Jose, Calif. KSIM-FM Collegeville, Minn. KSIG-FM San Jose, Calif. KSIM-FM Collegeville, Minn. KSIG-FM San Jose, Calif. KSIA-FM Scotkon,	91.7
Colo,	
KSAN San Francisco, Cal. KSBY-FM San Luis Obispo,	94.9 Cal.
KSCO Santa Cruz, Calif. KSBW-FM Salinas, Calif.	
KSDO-FM San Diego, Cal. KSDS San Diego, Calif.	
KSEA San Diego, Calif. KSEL-FM Lubbock, Tex.	
KSET-FM El Paso, Tex, KSFA-FM Nacondoches, Tex,	94.7
KSFM Dallas, Tex. KSFX San Francisco, Calif.	
KSHE Crestwood, Mo. KSHN Sherman, Tex.	96.7
KSIB-FM Creston, Ia. KSIS-FM Sedalia, Mo.	
KSJC-FM Stockton, Calif. KSJM Jamestown, N.D.	94.7 96.7 X. 89.5 91.1 90.7 99.9 102.1
KSJN Minneapolis, Minn, KSJO-FM San Jose, Calif.	91.1
KSJS San Jose, Cal. KSKG Salina. Kan.	90.7
KSKU Hutchinson, Kan. KSJT San Angelo, Tex.	102.1
KSLA Seattle, Wash. (s) KSLH St Louis Mo	h
KSLO-FM Opelousas, La. KSMA-FM Santa Maria, Cal	11.
KSMB Lafayette, La. KSNM Santa Fe, N.M. KSOM-FM Optorio Col	
KSOO-FM Sioux Falls, S.D. KSOP-FM Salt Lake City,	
KSOR Ashland, Ore.	90.1
KSPC Clarement, Calif. KSPI-FM Stillwater, Okla.	
KSPL-FM Diboll, Tex. KSPN Aspen, Colo.	95.5 97.7 104.9
Utah KSOR Ashland, Ore. KSOZ Point Lookout, Mo. KSPC Clairement, Calif. KSPL FM Dibdil, Tox. KSPL-FM Dibdil, Tox. KSPL-FM Dibdil, Tox. KSPR-FM Springdale, Ark, KSPR-FM Springdale, Ark, KSRR Reno, Nev. KSRR Reno, Nev.	104.9
KSRT Tracy, Cal. KSTE Emporia, Kans.	107.3
KSTP-FM Minneapolis, Mir KSUI lowa City, Iowa	107,3
KSVP-FM Artesia, N.M. KSWC Winfield, Kan.	91.1
KSWM-FM Aurora, Mo. KSYM-FM San Antonio, Tay	91.1
KSYN Joplin, Mo. KTAC-FM Tacoma, Wash.	50.3
KTAP Tucson, Ariz. KTAR-FM Phoenix Ariz	98.1
KSPR.FM Springdale, Ark, KSRF Santa Monlea, Calif. KSRS Ranta Monlea, Calif. KSRN Reno, New KSRT Tracy, Cal. KSTE Emporia, Kans. KSNF. FM Stockton, Calif. KSTP-FM Minneapolis, Mir KSVP-FM Artesia, N.M. KSVP, FM Artesia, N.M. KSWC Windeld, Kans. KSWH Arkadelphia, Ark. KSWM-FM San Antonio, Tex KSYN Joplin, Mo. KSYN-FM San Antonio, Tex KSYN Joplin, Mo. KTAC-FM Tacoma, Wash. KTAC-FM Tacoma, Wash. KTAC-FM Tacoma, Wash. KTAF Tuscon, Ariz. KTAR-FM Phoenix, Arix. KTAR-FM Phoenix, Arix. KTBA Broken Arrow, Okla. KTBC-FM Austin, Tex.	92.1
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Call	Location	Freq.
KTBT Gar KTCF Ced	den Grove, Cal. ar Falls, Iowa Minneapolis, Min Ft. Smith, Ark. Ft. Worth, Tox. math Falls, Ore. Paso, Tex. id City, S.D. ix City, Ia. Columbia, Mo. Tahoe Valley, Ci Thibodaux, La. San Rafael, Calli Minneapolis, Mir Mountain Home,	_ 5
KTCR-FM KTCS-FM	Ft. Smith, Ark.	nn.
KTEC Kla	math Falls, Ore.	88.1 88.5
KTEQ Rap	id City, S.D.	88.1
KTGR-FM KTHO-FM	Columbia, Mo. Tahoe Valley, Ca	al.
KTIB-FM KTIM-FM	Thibodaux, La. San Rafael, Calif	. 100.9
KTLO-FM	Mountain Home,	Ark. 98.3
KTLQ-FM KTLQ-FM	Minneapolis, Mir Mountain Home, Tahlequah, Okla, Tahlequah, Okla, Tahlequah, Okla, Tahlequah, Okla, Tahlequah, Okla, Tahlequah, Okla, Tucumeari, N.M. Jonesboro, La. Sinton, Tex. Topeka, Kan. Topeka, Kan. Topeka, Kan. Okla, M.M. Modesto Calif. Houston, Tex. Beaumont, Tex. Beaumont, Tex. Beaumont, Tex. Springfield, Mo. Lubbock, Tex. Springfield, Mo. Springfield, Mo. Lubbock, Tex. Jona, Wash. Jones City, Mes. Springfield, Mo. Lubbock, Tex. Jona, Wash. Jones City, Jones Calif. Agana, Guamerside, Cal. Cocanside, Cal. Oxnard, Calif. Spokane, Wash. Lake City, Utaher, Spokane, Wash. Lake City, Utaher, Spokane, Wash. Lake City, Utaher, Lake City, Lake City, Lake City, Lake City,	
KTMS-FM KTNM-FM	Santa Barbara, C Tucumcari, N.M	92.7
KTNT-FM KTOC-FM	Jonesboro, La.	
KTOF Ced	ar Rapids, Iowa	104.5
KTOP-FM KTOY Tac	Topeka, Kan. oma, Wash	100.3
KTQM-FM KTRB-FM	Clovis, N.M. Modesto, Calif.	11
KTRM-FM	Beaumont, Tex.	80.5
KTSM-FM KTSR Kan	El Paso, Tex.	99.9
KTTS-FM KTUH Hor	Springfield, Mo.	90.5
KTW-FM KTWN An	Seattle, Wash. oka, Minn.	107.9
KTXN-FM	Victoria, Tex.	98.7
KTXR Spr KTXT-FM	ingfield, Mo. Lubbock, Tex.	101.5
KTYM-FM KUAC Coll	Inglewood, Cali	104.7
KUAM-FM KUCR Riv	Agana, Guam erside, Cal.	
KUER Sal	t Lake City, Utah	
KUDE-FM KUDU-FM	Oceanside, Cal.	102.1
Ventura- KUDY-FM	Oxnard, Calif. Spokane, Wash.	
KUER Sal	t Lake City, Utah ssoula, Mont.	
KUKI-FM KULA Wa	cow, Ida. Oceanside, Cal. Oxnard, Calif. Spokane, Wash, Lake City, Utah ssoula, Mont. Iston, Tex. Ukiah, Cal. Industrial Campo, Tex Ukiah, Cal. Industrial Campo, Tex Ukiah, Cal. Industrial Canada, Cal. Oxnada, Cal. Industrial Cal. Industr	92.3
KULP-FM KUMD-FM	El Campo. Tex. Duluth, Minn.	96.9
KUNC-FM KUNF La	Greoley, Colo. Canada, Cal.	91.3 88.9
KUNR Re	Nev. Siloam Springs.	88. I
KUOH Her KUOI-FM	Moscow, Ida.	89.3
KUOR-FM	Rediands, Cal.	
KUPD-FM KUPK-FM	Tempe, Ariz. Garden City, Ka	97.9 in.
KURL-FM KUSC Los	Billings, Mont. Angeles, Calif.	
KUSN-FM	St. Joseph, Mo.	ak.
KUT-FM / KUTE Gle	Austin, Tex.	101.9
KUVR-FM KUWR La	Holdrege, Neb.	97.7
KVCL-FM	Winnfield, La.	
KVEE-FM	Conway, Ark.	1.
KVEZ San KVFM Sar	Mateo, Cal.	
KVFS Vac KVHS Con	aville, Cal. cord, Cal.	95.3 91.1
KVIL-FM Tex.	Highland Park-D	allas,
KVLG-FM	La Grange, Tex	. 104.9
KVMG-FM	Cochran, Ga. Sonora, Callf.	92.7
KVMN PU KVMV-FM	eblo, Colo. I McAllen, Tex.	96.9
KVOE-FM KVOR-FM	Colorado Springs	colo.
KVPC Fai	rfield, lowa Ville Platte La	89.5
KVRF Ver KVRH-FM	million, S.D. Salida, Calif.	92.1
KVRO Stil	chella, Calif. La Grange, Tex Fallon, Ne. Cochran, Ga, Sonora, Calif. ebio, Colo. I McAllen, Tex. Emporia, Kan, Colorado Spring, Moorhead, Minn field, Iowa Ville Platte, million, S. D. Salida, Calif. twater, Okla. Gloud, Minn. id City, S. D.	
KVTT Dal	Salida, Calif. Iwater, Okla. Cloud. Minn. id City, S.D. Ias. Tex. I Show Low, Ari	
KVWO-FM KWAR Wa	lwater, Okla. Cloud, Minn. id City, S.D. las. Tex. I Show Low, Ari I Cheyenne, Wyo. Iverly, Iowa	106.3

Call	Location	Freq.
KWAT-F	M Watertown, S.D Monterey, Cal. Eugene, Oreg. M Waverly, Iowa M Beatrice, Neb.	. 96.1
KWAX E	ugene, Oreg. M Waverly, Iowa	99.3
KWBE-F	M Beatrice, Neb.	91.1
KWBU V	Vaco, Tex, M Ogden, Utah	00.5
KWDM I	Des Moines, Ia. (s)	. 90.5
KWEH C	amden, Ark.	100.5
KWFR-F KWGN-F	M San Angelo, Te	x.
KWGS T	ulsa, Okla. orest City, Iowa	102.3
KWHG L	M Waverly, Jowa M Batrice, Neb, Jorrison, Colo. Vaco, Tex, M Ogden, Utah Walla Walla, Washoes Moines, Ia, (s) M Seguin, Tex. Jamden, Ark. pringfield, Mo. M San Angelo, Tw. Abernathy, Tex. Ulsa, Okla. orest City, Jowa .incoln, Neb. M Brenham, Tex. M Satt Lake City, Utah M Albany, Ore. Joorhead, Minn, M Moses Lake, Wa M Santa Ana, Califf M Santa	HALE
KWHP E	dmund, Okla.	97.7
KWIL-FI	M Albany, Ore.	107.9 98.7
KWIQ-F	loorhead, Minn, M Moses Lake, Wa M Moses Lake, Wa M Santa Ana, Calif M Globe, Ariz. M Abliene, Tex. Anassa City, Mo. M Wilmar Minn, an Angelo, Tex. Louls, Mo. Louls, Mo. Louls, Mo. Louls, Mo. Louls, Mo. M Worthington, M Poptar Bluff, M M Muscatine, low Welpahu, Hawaii M West Plains, M Gunnison, Colo, os Angeles, Cal. M Springfield, Mo. M Waoo, Tex. M Columbia, Mo. M Waterloo, lows Astephenville, Tex, FM Mexico, Mo. tworth Tex. M Cotable, Tex.	sh. 100.3
KWIZ-FI	M Santa Ana, Calif M Globe, Ariz.	
KWKH-F	M Shreveport, La.	
KWLM-F	M Willmar, Minn. San Angelo, Tex.	
KWMO S	st. Louis, Mo. M Ft. Dodge, Ia.	90.7
KWMU S	t. Louis, Mo. M Pratt, Kan.	90.7
KWOA-F	M Worthington, M	inn
KWPC-F	M Muscatine, lowa	02.3
KWPM-F	M West Plains, M M Gunnison, Colo.	0.
KWST L KWTO-F	os Angeles, Cal. M Springfield, Mo.	105.9
KWTX-F	M Waoo, Tex. M Columbia, Mo.	97.5
KWWL-F	M Waterloo, lowa Stephenville, Tex.	98.3
KWXIF	t. Worth, Tex.	97.1
Cal.	M Wynne Ark	103.1
KXCV M	aryville, Mo.	90.5
KXEW F KXFM S KXIC-F	FM Mexico, Mo. t. Worth, Tex. M Cathedrai City, M Wynne, Ark. aryvillo, Mo. M Waterloo, Jowa. M Tusson, Ariz. anta Maria, Cal. Ioda City Tex. M Cathedrai City, Okla es Angeles, Cal. M Spokane, Wash. aoramento, Calif. resno, Calif. (s) M Alexandria, Minlendie, Ariz. ansas City, Mo. amogordo, N.M. M Colby, Kan. M Anchorage, Alas! est Monrae, Cal. eartlesville, Okla. M Texple, Cal. eartlesville, Okla. M Cathedrai Cal.	93.7
KXJK-F	M Forrest City, Ar	k
KXLS O	klahoma City, Okla	92.5
KXLY-F KXOA S	M Spokane, Wash. aoramento, Calif.	0013
KXQR F	resno, Calif.(s) M Alexandria, Min	n
KXTC G	lendale, Ariz. ansas City, Mo.	92.3
KXXX-F	M Colby, Kan.	105.3
KYEA W	est Monroe La	101.3
KYFM B	artlesville, Okla.	100.1
KYMS S	est Monroe, La. artlesville, Okla. M Temple, Tex. anta Ana, Cal. asadena, Calif. M Mankato, Minn. M Missoula, Mont. vermore, Cal. M Cape Girardeau.	92.5
KYSM-F	M Mankato, Minn. M Missoula, Mont.	100.1
KYZM-F	vermore, Cal. M Cape Girardeau.	101.7 Mo.
KZAK-F	M Tyler, Tex.	00.5
KZEL-F!	M Eugene, Ore.	98.0
KZIN-FI KZST Sa KZSU St	M Cape Girardeau. M Tyler, Tex. errento, Cal. U Eugene, Ore. Ore. Bakersfield, Califinta Rosa, Califinta Rosa, Califinta Rosa, Califinta Rosa, Califinta Rosa, Califinta Rosa, Califinta Rosa, Califinta Rosa, Califinta Rosa, Califinta Rosa, M Winston-Salem, Forcester, Mass. M Carestview, Fla. M Flackersburg, W M Crestview, Fla. M Fl. Campbell, Fl. tlanta, Ga.	100.1
WAAA-F	M Opportunity, Wa M Winston-Salem,	N.C.
WAAF W	M Parkersburg, W	.Va.
WABD-F	M Ft. Campbell.	(y.
WARE A	tlanta, Ga.	107.9
WABI-F	M Bangor, Maine	99.5
WABZ-F	M Albemarle, N.C.	92.1
WACO-F	M Waco, Tex. M Tuscalocsa, Ala.	
WADB P	tlanta, Ga. M Fairhope, Ala. M Bangor, Maine betroit, Mich. M Albemarle, N.C. reeport, Ill. M Waco, Tex. M Tuscaloosa, Ala. roint Pleasant, N.J. suffalo, N.Y. incinnati, O. M Maricao, P.B.	. 95.9
WAEF C	suffalo, N.Y. incinnati. O. M. Maricao, P.R. yracuse, N.Y. M. Baton Rouge, L	106.5
	m maricao, P.R.	96.1

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	Call	Location Angola, Ind. Savannah, Ga. FM Forest City Savannah, Ga. FM Forest City Springfield, Mas FM Columbia, It Springfield, Mas FM Columbia, It Montgomery. Al Oilet, Ill. Walparaiso, Buffer, Marganether, FM Myalparaiso, FM Myalparaiso, FM Columbia, It FM Morgantown FM Morgantown FM Margantown FM Margantown FM Margantown FM Margantown FM Marshall. Colowater, Miel FM Albany, Ky FM PM Walterbury FM Morgantown FM Margantown FM Margan	Freq.
1	WAFW	Savannah, Ga.	100.1
3	WAGY-	Amherst, Mass	N.C. 89.5
	WAIC	pringfield, Mas	s.
	WAIVI	ndianapolis, Ind	(y. -
9	WLAW	Montgomery, Al	1. a,
9	WAJR-	FM Morgantown	, W.Va.
1	WAKM	Bedford, Pa.	Ind.
	WAKO-	FM Lawrencevi	ile, III.
9	WAKW	Cincinnati, O.	0
	WALK-	FM Walterboro, FM Patchogue,	S.C. 100.9 N.Y.
	WALM-	FM Marshall,	Mich.
7	WALT	Corinth, Miss. Meridian, Miss.	90.5 97.1
3	WAMC.	Albany, N.Y. FM Pittsburgh	Pa.
	WANG.	FM Washington Coldwater, Mich	n, D.C. 1. 98.5
1	WANS-	FM Anderson, S	S.C.
	WANM WAOV-	Tallahassee, Fla	Ind.
7	WAPC-	FM Riverhead,	N.Y.
7	WAPL-	FM Appleton, V	Vis.
1	WARD.	Meadville, Pa.	Pa
1	WARI-	FM Abbeville, A	la.
3	WARN-	FM Fort Pierce	, Fla.
	WARU-	FM Peru, Ind.	91.7
9	WASH	Washington, D.	C.
5	WATH-	FM Athens. O.	ind.
9	WATO.	FM Oak Ridge	Tenn.
3	WATE-	FM Waterbury,	Conn. 94.3
	WATW.	-FM Ashland, 1 FM Alpena, Mic	Wis. 95.9 th. 93.5
ż	WAUG	FM Augusta, G FM Waukesha,	a. Wis.
5	WAUP	Akron, Ohio Aurora, III,	107.9
7	WAUS-	FM Berien Spri FM Arlington, FM Decatur, Gr FM Milwaukee, FM Kendilf, FM Bowling G Murray, Ky, FM Zarephath, Kenosha, Wis, Ft, Lauderdale, Minneapolis-St. FM Waynesbore FM Lafayette, FM Babylon, N FM Burlington	ngs, Mich. 90.9
	WAVA-	FM Arlington. FM Decatur, G:	Va.
7	WAWA	-FM Milwaukee -FM Kendallvil	, Wis. le, Ind.
5 9	WAWR	Murray, Ky.	reen, O.
	WAXO	FM Zarephath, Kenosha, Wis.	N.J.
	WAYL	Ft. Lauderdale, Minneapolis-St.	Fla. 105.9 Paul,
3	WAYZ-	FM Waynesboro	, Pa.
3	WAZY-	FM Lafayette, I FM Babylon, N	nd.
3	WBAG-	FM Burlington	- Graham, 93.9
3	WBAL-	New York, N.Y. FM Baltimere.	Md.
	WBAP-	FM Ft. Worth,	Tex.
5	WBAY WBBA-	FM Burlington New York, N.Y. FM Baltimore, FM Ft. Worth, -FM Barnwell, Green Bay. Wis FM Pittsfield, FM Burlington	. (s) III.
1	WBBB-	FM Burlington	Graham,
9	WBBC WBBI-	Jackson, Mich.	/a.
5	WBBM-	FM Chicago, II	I. N.C.
	WBBQ-	FM Augusta, G	a.
9	WBBY	Westerville, O.	103.9 Mich. 100.1
1	WBCL-	FM South Beloi	t. III.
	WBCN	Boston, Mass.	H1611,
	WBCR.	FM Beloit, Wis	
	WBEA	Elyria, O.	iu.
3	WBET-	FM Brockton,	Mass.
	WBEV-	FM Putsneid, FM Burlington Jackson, Mich. FM Abingdon, Y. FM Chicago, II FM Forest City FM Forest City FM Youngsto, FM Youngsto, FM Hastings, I FM South Beloi FM Bay City. Boston, Mass. FM Bucyrus, O FM Beloit, Wis Indianapolis, Ir Elyvia, O FM Buffalo, N, FM Beaufort, S FM B	m. Wis.
	WBEX-	FM Chillicothe	95.3 Ohlo
1	WBEZ	Chicago, III. Rochester, N.Y	. 92.5
9	WBFG WBFM	Detroit, Mich. Seneca, S.C.	24.7
5	WBF0 WBGM	Buffalo, N.Y.	e. Fla.
1	WBGU	Newark, N.J. Bowling Green.	Ohlo
1	WBHT.	FM Chillicothe, Chicago, III. Rochester, N.Y Detroit, Mich. Seneca. S.C. Buffalo, N.Y. FM Tallahasse Newark, N.J. Bowling Green, FM Brownsville FM Marletta, G	Tenn.
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Call	Location	Freq.		Location	Freq.	l	Location	Freq.	ì	Location	Freq.
WBIL E	Biloxi. Miss. M Knoxville, Te Vethersfield Town	nn	WCJW (Cleveland, O. Cocoa Beach, Fla. La Place, La.		WDIZ	Orlando, Fla. Birmingham, Ala. Atlanta, Ga.	100.3 93.7	WETN	Wheaton, III. Evansville, Ind. -FM New York, №.)	1.88
WBIV V	Vethersfield Town	ship, 107.7	WCKW WCLE-F						WEVD	-FM New York, №.\ -FM River Falls, W	is. 106.3
WBJC E	M Eau Claire, W Baltimore, Md.	is.	WCLI-F	Wilkes-Barre, Pa. M Corning, N.Y. M Janesville, Wis.	90.7	WDKN WDIR	-FM Kingstree, S.(-FM Dickson, Tenn -FM Marshfield, Wi -FM Port Jervis, N. -FM Statesville, N.		WEZK	-FM River Falls, W Artington Heights, Knoxville, Tenn. Charleston, S.C. Manassas, Va. Wauwatosa, Wis. -FM Cocoa, Fla. Clanton, Ala. -FM Dallas, Tex. -FM Dallas, Ohio	103.5
WBKE-	FM North Manch	ester,	WCLR S	Skokie, III. M Newark, Ohio	101.9	WDLC	FM Port Jervis, N.	Y. 96.7 C.	WEZR	Manassas, Va. Wauwatosa, Wis.	103.7
WBKV-	FM West Bend, \ Beckley, W.Va.	Wis.	WCLV (leveland, O. FM Mansfield, Ohio	0	WDMJ-	FM Marquette, Mi FM Dodgeville, W	ch. is. 107.1	WEZZ.	FM Cocoa, Fla. Clanton, Ala.	97.7
WBKY WBLI-F	FM West Bend, N Beckley, W.Va. Lexington, Ky. M Patchogue, N.	Y. 106.1	WCME-	M Janesville, Wis- skokie, III. M Newark, Ohio Sleveland, O. How Mansfield, Ohio FM Wildwood, N.J. FM Brunswick, Mai FM Rochester, N.Y	ine	WDNC-	-FM Statesville, NFM Marquette, Mi -FM Dodgeville, W -Menomonie, WisFM Durham, N.CFM Prestonsburg, -FM Chattanooga, T	K v	WFAH	-FM Dallas, Tex. -FM Alliance, Ohio	C
WBLK-I	FM Buffalo, N.Y. FM Batesburg, S. FM Springfield, C FM Catonsville,	C. 102 0	WCMI-F	M Ashland, Ky.	99.3	WDOD.	FM Chattanooga, T Cleveland, O.	Tenn.	WFAS-	-FM Alliance, Ohio -FM Washington, D -FM White Plains, -FM Augusta, Main -FM Ft, AtkInson,	Ň.Y.
WBMD- WBMI	FM Catonsville,	Md.		M Ashland, Ky. hester, S.C. FM Arecibo, P.R. Marietta, Ohio		WDOL-	Cleveland, O. FM Athens, Ga. Providence, R.1.	Mrt -			
WBMP WBMR	feridan, Conn. Elwood, Ind. Telford, Pa.		WCM5-	M Nortolk, Va.	101.7	WDOK-	FM Sturgeon Bay, -FM Dowagiae, Mi -FM Du Quoin, III,	W1s. ich. 97.9 95.9	WFBC	FM Greenville, S.C Flint, Mich FM Altoona, Pa.	
W BN B-I	FM Charlotte Am FM Conway, N.H FM Boonville, In	alie, V.I.	WCMX WCNA-I	FM Mt. Pleasant, I Ft. Wayne, Ind. FM Scottsboro, Ala.	101.7	WDRC-	FM Hartford, Conn	١.	WFBM	- F M Indianapolis, I	na.
WBNO-	FM Bryan, Ohlo	100.9	WCNB-I	FM Connersville, In FM Quincy, Fla. FM Newport, N.H. FM Fairfield, O.	ıd.	WDRM	Decatur, Ala. Detroit, Mich. Drew, Miss, FM Dillon, S.C.	93.1	WFCJ	Miamisburg, Ohio Amherst, Mass.	
WBNT-	Bloomington, III. FM Onelda, Tenr Buffalo, N.Y. FM Salisbury, Mc Cleveland, Ohio Milwaukee, Wis. Brunswick, Maine Brookline, Mass. FM Lock Haven, FM Mt, Clemcns, Birmingham, Ala	. 105.5	WCNU-	FM Newport, N.H. FM Fairfield, O. M Pensacola, Fla.	104.9	WDSC.	FM Dillon, S.C.	95.3	WEDD	Franklin, Ind. Miamisburg. Ohio Amherst, Mass. FM Winston-Salen FM Manchester. G2 FM Baltimore. Md. Columbia City. Ind. Teaneck, N.J. Ellwood City, Pa. FM Columbia. Miss Muskeoon. Mich.	i. N.C.
WBOC-F	FM Salisbury, Mi Cleveland, Ohio	1. 104.7	WCOF-F	Hyannis, Mass. M. Immokalee, Fla.	106.1	IWDSU-	Dover, Dela. FM Cleveland, Mi FM New Orleans, I	ss. 92.7 La.	WFDT	Columbia City, Ind. Teaneck, N.J.	106.3 89.1
WBOR WBOR	Brunswick, Maine Brookline, Mass	92.9	I WCOH-I	FM Newnan, Ga. M Columbus, Ohio FM Urbana, O.		WDTH	Duluth, Minn. Detroit, Mich.	103.3	WFEF.	Ellwood City, Pa. FM Columbia, Miss	92.1 s.
WBPZ-F WBRB-	FM Lock Haven, FM Mt. Clemens,	Pa. Mich.	WCON-I	FM Urbana, U. FM Cornelia, Ga. FM Boston Mass		l wbuk	Granville, Ohio Hayanna, 111. FM Gainesville, G	99.3	WFFV	Muskegon, Mich. Front Royal, Va. -FM Henderson Ter	103.9
WBRC WBRD-	Birmingham, Ala. FM Bradenton, F FM Wilkes-Barre	la.	WCOS-F WCOU-F	FM Cornelia, Ga. FM Boston, Mass. M Columbia, S.C. FM Lewiston, Main FM Sparta, Wis.	•	WDUQ	Pittsburgh, Pa. FM Waupaca, Wis	i.	WFID	Muskegon, Mich. Front Royal, Va. -FM Henderson, Ter Rio Piedras, P. R. Sumter, S.C. FM Philadelphia, P Fikhart Ind	
WRRK-	FM Pittsfield, M FM Big Rapids, Waltham, Mass.	228	WCOW-	F M Sparta, Wis. M Clearfield, Pa.	02.2	WDUZ-	FM Green Bay, Wi Pittsburgh, Pa.	is. 102.5	WFIL-	FM Philadelphia, P Elkhart, Ind.	a. 100.7
			WCPS-F	M Tarbor, N.C. M Effingham, III.	93.3	WDVR	Philadelphia, PaFM Dawson, Ga.	92.1	WFIU	Elkhart, Ind. FM Findlay, Ohio Bloomington, Ind. FM Fairfield, Ill.	
WBT-FI	Muncie, Ind. M Charlotte, N.C. FM Danville, Va FM Linton, Ind. FM Carrollton, G.	. 103.3	WCRB-F WCRD	FM Sparta, Wis. FM Clearfield, Pa. M Houston, Miss. M Tarbor, N.C. FM Effingham, III. FM Waltham, Mass Bluffton, Ind.		WDWS WDXE	FM Gainesville, G Pittsburgh, Pa, -FM Waupaca, Wis FM Green Bay, Wi Pittsburgh, Pa, FM Vineland, N.J Philadelphia, Pa, -FM Dawson, Ga, -FM Champaign, II FM Lawrenceburg, FM Lexington, Ter Chester, Va, Chattanooga, Tenn, Eden, N.C.	Tenn.	WELA	Conneaul, U. FM Tampa, Fla.	
WBTO-I	FM Linton, ind. FM Carroliton, G	93.5	WCRF (Cleveland, O. F.M. Clare, Mich.		WDXL.	FM Lexington, Ter Chester, Va.	92.1			a. os o
	Buffalo, N.Y. Columbus, O. Boston, Mass.	96.3	WCRT-F	FM Clare, Mich. M Greenwood, S.C. M Birmingham, A Springfield, Mass. M Charleston, S.C. M Columbus, Ind. FM Celina, O. Sented Square, N.V.	īa.	WEAF WEAS.	Eden, N.C. F.M. Savannah, Ga.	89.7 94.5	WFLS-	Farmville, Va. FM Dundee, N.Y. FM Fredericksburg	, Va. 93.3
WBUT-	Boston, Mass. FM Butler, Pa. FM Lexington, N. Woodbridge, Va.	c	WCSC-F WCS1-F	M Charleston, S.C. M Columbus, Ind.		WEAT.	Eden, N.C. FM Savannah, Ga. FM West Palm Bea FM Eau Claire, W	ach, Fla. is.	WFLT.	FM Franklin, Tenn -FM Monticello, Ky	ý.
WBVA WBVB	Woodbridge, Va. Union City, Pa.					WEAV-	FM Plattsburgh, N -FM Evanston, III.	I.Y. 105.1	WFLY	Troy. N.Y. Rocky Mount, N.C.	
WBVP-I WBWC	Union City, Pa. FM Beaver Falls, Berea, Ohio	Pa.	I W.Va.	M Hillsdale, Mich M Berkley Spring		WEBQ.	FM Plattsburgh, N -FM Evanston, 111, -FM Cincinnati, OFM Harrisburg, III -FM Buffalo, N.Y.	l. 94.5	WFMD	-FM Frederick, Md Newark, N.J.	
WBYM WBYO I	Bayamon, P.R. Boyertown, Pa. FM Canton, III.	98.5	WCSU-F	M Wilberforce, O. M Crossville, Tenn	. 99.3	WECH	Richmond, Ind. Elmira, N.Y. FM Grove City, Pa Indianapolis, Ind.		WFMF WFMG	FM Franklin, Tenn-FM Monticello, K; Troy, N.Y. Rocky Mount, N.C. Springfield, IllFM Frederick, Md Newark, N.J. Chicago, Ill. Gallatin, TennFM Cullman, Ala. Washington, Ind. JFM Baltimore, Md.	
			WCTM-	M New Brunswick, FM Eaton, Ohio Brentwood, N.Y.	92.9 94.3	WEDA	FM Grove City, Pa Indianapolis, Ind. FM Miami, Fla.	91.1	WEMI	Montgomery, Ala. Washington Ind	
WBZ1 X	Mew Orleans, La M Boston, Mass. (enia, O. Anderson, S.C. FM Northfield, M FM Baltimore, M		WCTS-F	M Minneapolis, M M Corbin, Ky. M Corbin, Ky. FM New Castle, Inc Palmyra, Pa. FM Akron, O. Akron, Ohio	inn.	I WFFC	Springfield, O.	N.C.	WFMN	I-FM Baltimore, Mc Newburgh, N.Y.	i.
WCAD-I	FM Baltimore, M FM Detroit, Mich	d,	WCTW-	FM New Castle, Inc Palmyra, Pa.	d. 92.1	WEEF-	FM Rocky Mount. FM Highland Park FM Boston, Mass. FM Pittsburgh, Pa	, 1 11.	WFMO	I-FM Baltimore, MC Newburgh, N.Y. Lebanon, Tenn. Fitchburg, Mass. Lebanon, Tenn. Indianapolis, Ind. Chicago, Ill. East Orange, N.J. /-FM Madisonville, Statesville, N.C.	91.3 104.5
WCAS WCAU-	Knoxville, Tenn. FM Philadelphia,	Pa.	WCUF /	Akron, Ohio FM Cumberland, M	ıd		FM Warrenton, Va	. 99.9	WFMS	Indianapolis, Ind.	
WCBC /	FM Detroit, Mich Knoxville, Tenn. FM Philadelphia, Wemphis, Tenn. Columbus, Ohio FM Martinsvillo,	91,1	WCWA-	FM Cleveland Hts., FM Toledo, O.	Ohio	WEFA	Waukegan, III. Winchester, Va.		WFMU	East Orange, N.J. /-FM Madisonville,	Ky.
WCBL-I	FM Benton, Kv.	102.3	WCWC-	FM Cumberland, M FM Cleveland Hts., FM Toledo, O. S. FM Toledo, O. S. Williamsburg, Va. Brookville, N. Y. Wooster, O. FM Centerville, Olf Michael, H. S. FM Cythiana, Ky. anicaster, Pa. FM Tampa, Fla. FM Tampa, Fla. FM Kansas City, Milicago, Ill.		WEGL	FM Pittsburgh, Pa FM Warrenton, Va FM Easton Pa Waukegan, 131. Winchester, Va. Chleago, 111. Auburn, Ala. FM Elmira, N. Y FM Charleston, III. Ithaca, N.Y. FM Scranton, Pa. Hammondsport, N.Y. FM Scranton, Pa.	91.1	WFMX	Statesville, N.C. Allentown, Pa. Racine, Wis.	
WCBS-F	FM Benton, Ky. M New York, N. Peoria, III. Columbia, III. FM Cheboygan, M McComb, Miss. FM Hartford, Con M Punta Gorda	Y. 88.3	WCWS WCWT-	Wooster. O. FM Centerville. Oh	nio 89.5	WEIC-	FM Charleston, III.		WF0B WF0G	FM Fostoria, Ohio Wilmington, N.C. Fond du Lac. Wis. FM Hattiesburg, M	102.7
WCBY-	FM Cheboygan, M	ich. 105.1	WCXL (Cincinnati. Ohio Hicago, III.	88.7	WEIL-	FM Scranton, Pa. Hammondsport, N.	Y. 98.3	WFOR	Fond du Lac. Wis. FM Hattiesburg, M	liss.
WCCC-F	M Hartford, Con M Punta Gorda	n. 106.9	WDAC WDAE	Lancaster, Pa.	102.3	WEKZ-	FM Monroe, Wis,	. 88.9	WFOX	Chesapeake, Va. Gainsville, Ga. -FM St. Augustine, -FM Atlantic City.	97.1
		92.7	WDAF-	FM Kansas City, M hicago, III.	94.7	WELL.	FM Freeport, III. FM Tupelo, Miss.	98.5 98.5			N.J. 96.0
WCCN-I	Erie, Pa. FM Lawrence, Ma FM Neillsville, W FM Minneapolis,	is. Minn.		hicago, III. FM Meridian, Miss FM Danville, III. Dayton, Ohio	. 101.3	WELP-	Hammondsport, N., FM Richmond, Ky FM Mouroe, Wis. FM Tupelo. Miss. FM Freeport, III. FM Tupelo, Miss. FM Easley. S.C. FM Roanoke, Ala. Harrisonburg, Va.,	95.3	WFPL	Louisville, Ky. Louisville, Ky. FM Frostburg, Md.	
			WDAR-	FM Darlington, S.C.	C.				WFRE	FM Fresno, Cal.	
WCDL-I	FM Charlottesvill FM Traverse City FM Carhondale, F FM Cedarville, O	a. 94.3	WDBJ-F	FM Fargo, N.D. M Roanoke, Va.		WEND.	Ypsilanti, Mich. FM Ebensburg, Pa FM Birmingham, A	Aia.	WFRO WFSC-	FM Fremont, Ohio FM Franklin, N. C. FM Caribou, Maine FM Tallahassee, FI FM London, Ky.	
WCEF-	FM Parkersburg.	W.Va.	WDBL-	FM Springfield, Tei Medina, O. FM Oslanda Ela	nn.	WENY.	FM Elmira, N.Y. FM Poughkeepsie,	107.7	WFST-	FM Caribou, Maine FM Tallahassee, FI	a. 103.9
WCEH-	FM Hawkinsville,	Ga. 103.9	WDBQ-	FM Darlington, S.C FM Philadelphia, P FM Fargo, N.D. M Roanoke, Va. FM Springfield, Tel Medina, O. FM Orlando, Fla. FM Orlando, Fla. FM Dubuque, Iowa Portland, Me. Buffalo, N.Y. Marion, Ilt. Hamden, Conn. FM Chattanooga, T	97.9	I WEUL-	FM Elvria, Unio		WETL.	FM Ft. Lauderdale, -FM Maysville, Kv. -FM Ft. Walton Be	Fla.
WCEN-	FM Cambridge, I FM Mt. Pleasant. FM Charlotte, Mi Williamstown, Ma	Mich.	WDCX	Buffalo, N.Y. Marion, III.	107.1	WEPS	FM Geneva, N.Y. -FM Martinsburg, \ Elgin, III.	W.Va.	Fla		
		iss. /t. 93.5	WDDE .	Hamden, Conn. FM Chattanooga, T	enn.	WERH.	Elgin, III. Goldsboro, N.C. -FM Hamilton. Ala. FM Westerly, R.I.		WFUL	FM Fulton, Ky. FM Grand Rapids, New York, N.Y. FM Fredericksburg	Mich.
WCFW	Chippewa Falls, V Detroit, Mich. FM Canton. Ga.	Vis. 105.5	WDDS-I	FM Syracuse, N.Y.					WEYA	-FM Fredericksburg	. Va. 95.5
WCHM	Chambershurg, P	a. 95.1			in.	WERT-	Boston, Mass. FM Van Wert, Ohi FM Charleroi, Pa. FM Greenville, S.C	0	WFYC	-FM Alma, Mich. -FM Key West. Fla	
House.	FM Norwich, N.Y FM Washington C , O.	7.00	WDEF-	rm Jamestown, Iem FM Americus, Ga. FM Chattanooga, T FM Sweetwater, Te FM Macon, Ga. FM De Graff, Ohio FM Detroit, Mich. FM Downers Grove,	enn.	WESC-	FM Greenville, S.C Prince Frederick, i FM Southbridge, N	Md. 92.7	WGAL	-FM Lancaster, Pa. -FM Portland, Me.	
WCHQ-	FM Camuy, P.R. Trenton, N.J.	102.9 94.5	WDEQ.	FM De Graff, Ohio FM Detroit Mich	91.1			100,1	WGAT	-FM Gate City, Va	. 104.9
WCHS-I	FM Charleston, Valmouth, Mass.	V.Va. 101.9			88.3	WESR-	FM Tasley, Va. East Stroudsburg, F	103.3 a. 88.7	WGBE WGBH	-FM Columbus, Ga. -FM Cambridge, M.	ass.
WCIR-F	M Carbondale, II M Beckley, W.V M Moss Point, M	l. 101.5 a. 103.7	WDHA-	FM Dover, N.J. Chicago, III. Gaston, Ind. FM Orangeburg, S.(80.0	WEST-	Charlotte Amalie, FM Tasley, Va. East Stroudsburg, F FM Easton, Pa. Middletown, Conn. FM Washington, I South Bend, Ind.	1.88	WGBI-	FM Fredericksburg Jackson, Miss. FM Alma, Mich. FM Key West. Fla. FM Clavester, Pa. FM Cleveland, Ohi FM Gate City. Washington, D.C. FM Columbus, Go. FM Columbus, Go. FM Columbus, Go. FM Cambridge, M FM Seranton, Pa. Viroqua, Wis. FM Red Lion. Cleveland, Ohio	
MC1W	W. Point, Ga.		WDIX-I	M Orangeburg, S.	c. 89.9	WETL	South Bend, Ind.		WGCL	Cleveland, Ohio	
FALL-	WINTER, 197	1									97

RADIO	WHKW Chilton, Wis. WHKY-FM Hickory, N. C.	WIUC Winchoster, Ind. WIUP-FM Indiana, Pa. 91.3 WIUS Christiansted, V.I.	WKIX-FM Releigh, N.C. WKJB-FM Mayaguez, P. R. WKJC Bluefield, W.Va. 106.3
124/4/10/11(0)	WHKY-FM Hickory, N. C.	WIUP-FM Indiana, Pa. 91.3	WKJB-FM Mayaguez, P. R.
	WHLA Holmen, Wis.	WIVA-FM Aguadilla, P.R. 100.3	WKJC Bluefield, W.Va. 106.3
	WHLD-FM Niagara Falls, N.Y. WHLF-FM South Boston, Va. WHLI-FM Hempstead, N.Y.	WIVA-FM Aguadilla, P.R. 100.3 WIVC Pooria, III. WIVE-FM Ashland, Va.	WKJF Pittsburgh, Pa. WKJG-FM Ft. Wayne, Ind. WKKD-FM Aurora, III.
ال(٥)(ش	WHLI-FM Hempstead, N.Y.	WIVE-FM Ashland, Va.	WKKD-FM Aurora, III.
	WHLM-FM Bloomsburg, Pa.		WKLA-FM Ludington, Mich. 106.3 WKLC-FM St. Albans, W.Va.
	WHLS-FM Port Huron, Mich.	St. Croix, V.I.	WKLC-FM St. Albans, W.Va.
	WHLM-FM Bloomsburg, Pa. WHLS-FM Port Huron, Mich. WHLT-FM Huntington, Ind. WHMA-FM Anniston, Ala.	St. Croix, V.I. WIVK-FM Knoxville, Tenn. WIVY-FM Jacksonville, Fla.	WKLD Oneonta, Ala. 97.7 WKLF-FM Clanton, Ala.
Call Location Freq.	WHMD Marinette, Wis. WHME South Bend, Ind. WHMP-FM Northampton, Mass, WHMS Hialeah, Fla. WHNC-FM Henderson, N.C.	WIXK-FM New Richmond,	WKLF-FM Clanton, Ala.
	WHME South Bend, Ind.	Wie 107	WKLN Cullman, Ala. WKLR Toledo, O. 99.9 WKLS Atlanta, Ga.
WGCR-FM Wellsboro, Pa. 97.7	WHMP-FM Northampton, Mass.	WIXL-FM Newton, N. J. WIXN-FM Dixon, III. WIZR-FM Johnstown, N.Y. 104.9	WKLS Atlanta Ga.
WGCS Goshen, Ind. WGCY New Bedford, Mass. 97.3	WHMS Hialeah, Fla.	WIXN-FM Dixon, III.	
WGCY New Bedford, Mass. 97.3 WGEE-FM Indianapolis, Ind.	WHNC-FM Henderson, N.C.	WIZR-FM Johnstown, N.Y. 104.9	WKMO Kokomo, Ind. McH. WKMS-FM McHaray, My. WKMS-FM Raleigh, N.C. WKNC-FM Raleigh, N.C. WKNE-FM Keene, N.H. WKNE-FM Keene, N.H. WKNE-FM Dearborn, Mich. WKNI-FM Kont, O.
WGFM.FM Quiney. Ilt.(s)	WHNR McMinnville, Tenn. 103.9 WHO-FM Des Moines, Iowa WHOD-FM Jackson, Ala.	WIZZ-FM Streator, III.	WKMS-FM Murray, Ky. 91.3
WGEM-FM Quincy, III.(s) WGER-FM Bay City, Mich. 102.5	WHO-FM Des Moines, Iowa	WJAC-FM Johnstown, Pa. WJAS-FM Pittsburgh, Pa.	WKNA Charleston, W. Va.
WGET-FM Gettyshurg Pa	WHOE Terre Haute, Ind. 107.5	WJAS-FM Pittsburgh, Pa.	WKNC-FM Raleigh, N.C.
WGEV Beaver Falls, Pa. WGFM Schenectady, N. Y. WGFS Greensboro, N. C. 90.7	WHOH Hamilton Ohio	WIAY EM Jacksonvilla Ela	WKNE-FM Keene, N.H.
WGFM Schenectady, N. Y.	WHOK-FM Lancaster, Ohio	WIA7 Albany Ga	WINT-FM Kent O
WGFS Greensboro, N. C. 90.7	WHOM-FM New York, N.Y.	WJBK-FM Detroit, Mich.	WKOC Kankakee III
WGGC Glasgow, Ky. WGGL-FM Houghton, Mich. WGGO Buford, Ga. 102.3	WHOK-FM Laneastor, Ohio WHOM-FM New York, N.Y. WHOO-FM Orlando, Fla. WHOP-FM Hopkinsville, Ky.	WJAS-FM Pittsburgh, Pa. WJAT-FM Swainsboro, Ga. WJAX-FM Swainsboro, Ga. WJAX-FM Jacksonville. Fla. WJAZ-Bhany, Ga. WJBK-FM Detroit, Mich. WJBL-FM Holland, Mich. WJBM-FM Jerseyville, Ill. WJBO-FM Baton Rouge, La. WJRW WJ	WKOC Kankakee, III. WKOF Hopkinsville, Ky. WKOK-FM Sunbury, Pa. WKOP-FM Binghamton, N.Y.
WGGO Buford, Ga. 102.3	WHOP-FM Hopkinsville, Ky.	WJBM-FM Jerseyville, Ili.	WKOK-FM Sunbury, Pa.
WGGR Duluth, Minn. 105.1	WHOV Hampton, Va. WHP-FM Harrisburg, Pa.	WJBO-FM Baton Rouge, La.	WKOP-FM Binghamton, N.Y.
WGGR Duluth, Minn. 105.1 WGH-FM Newport News, Va. WGHN-FM Grand Haven, Mich.	WHPE-FM High Point, N.C.		WKOX-FM Framingham, Mass. WKOZ-FM Kosciusko, Miss.
WGHN-FM Grand Haven, Mich.	WHPH Hangyer N I	WJBW-FM Hampton, S.C. 103.1	WKOZ-FM Kosciusko, Miss.
92.1	WHPH Hanover, N.J. WHPK-FM Chicago, III.	WJCC Angola, Ind. 100.1 WJCD-FM Seymour, Ind. WJCR University Heights, 0. 88,9	WKPE-FM Cocoa Beach, Fla.
WGHQ-FM Kingston, N.Y.		WICE University Heights 0 88 0	WKPS New Wilmington, Pa. WKPT-FM Kingsport, Tenn. WKRG-FM Cincinnati, Ohio WKRG-FM Mobile, Ala. WKRT-FM Corttand, N.Y. WKRX Louisville, Ky.
WGHS Gien Ellyn, III. 88.5	WHRB-FM Cambridge, Mass.	WIDX-FM Jackson, Miss	WKPT-FM Kingsport, Tenn.
WGIG-FM Brunswick, Ga. WGIL-FM Galesburg, III.	WHRF-FM Riverhead, N.Y.	WJDX-FM Jackson, Miss. WJEH-FM Gallipolis, Ohio WJEJ-FM Hagerstown, Md. WJER-FM Dover, O. 101.7	WKRC-FM Cincinnati, Ohio
	WHRL Albany, N.Y.	WJEJ-FM Hagerstown, Md.	WKRG-FM Mobile, Ala.
WGKA-FM Atlanta, Ga. WGLB-FM Port Washington, Wis. WGLC-FM Mendota, III.	WHRS Boynton Beach, Fla. 91.7	WJER-FM Dover, O. 101.7	WKRT-FM Cortland, N.Y.
WGLB-FM Port Washington, Wis.	WHRW Binghamton N Y	WJFM Grand Rapids, Mich. WJGA-FM Jackson, Ga.	WKKX Louisville, Ky.
WGLC-FM Mendota, III.	WHSA Brule, Wis. 89.9	WJGS Houghton Lake, Mich. 98.5	WKSB Kent, Conn. 90.9
WGLM Richmond, Ind.	WHSB Alpena, Mich.		WKSB Kent, Conn. 90,9 WKSL Greeneastle, Pa. WKSN-FM Jamestown, N. Y. WKSU-FM Kent, Ohio WKTA McKenzie, Tenn.
WGLN Sylvania, O. 105.5	WHSD Hinsdale, III. 88.5	WJHR Miami, Fla. 96.3	WKSU-FM Kent, Ohio
WGIT Normal III	WHSR-FM Winchester, Mass. 91.9 WHSY-FM Hattieshurg, Miss.	WJIB Boston, Mass.	WKTA McKenzie, Tenn.
WGLM Richmond, Ind. WGLN Sylvania, O. WGLS-FM Glassboro, N. J. WGLT Normal, III. WGMR-FM Tyrone, Pa. WGMS-FM Washington, D.C.	WHISY - FM Hattieshurg, Miss.	WJHR Miami, Fia. WJHR Miami, Fia. WJHR Boston, Mass. WJIG-FM Tullahoma, Tenn. WJIM-FM Lansing, Mich. WJIV Cherry Valley, N.Y. WJIZ Albany, Ga. WJJD-FM Chicago, III.	WKSU-FM Kent, Ohio WKTA McKenzie, Tenn. WKTL Struthers, O. WKTM-FM Mayfield, Ky. WKTM-FM Mayfield, Ky. WKTM-FM Mayfield, Ky. WKUB Manitowoc, Wis. WKUZ-FM Jacksonville, Fla. WKUZ-FM Mitox, Ind. 95.9 WKVI-FM Knox, Ind. 95.9 WKVI-FM Knox, Ind. 99.3 WKVM-FM San Juan, P.R. WKYM-FM Wheeling, W.Va. WKYM-Belvidere, Ill. 104.9 WKYM-Belvidere, Ill. 104.9 WKYM-Belvidere, Ill. 104.9 WKYM-FM Communite, Ky. WKYM-FM Creenville, Ky. WKYM-FM Creenville, Ky. WKYM-FM Paducah, Ky. WKYM-FM Paducah, Ky. WKYM-FM Paducah, Ky. WKXM-FM Danbury, Conn. WLAG-FM Nashville, Tenn. WLAG-FM Nashville, Tenn. WLAG-FM La Grange, Ga. 104.1 WLAM-FM Lancaster, Pa. WLAN-FM Lancaster, Pa. WLAP-FM Lancaster, Pa. WLAP-FM Lancaster, Pa. WLAP-FM Lancaster, Pa. WLAP-FM Lancaster, Pa.
WGMS-FM Washington, D.C.	WHIC-FM Holland, Mich.	WJIM-FM Lansing, Mich.	WKTM N. Charleston, S.C.
WGMW Riviera Beach, Fla. 94.3	WHUR-FM Cookeville Tenn	WILV Cherry Valley, N.Y.	WKTM-FM Mayfield, Ky.
WGMW Riviera Beach, Fla. 94.3 WGMZ Flint, Mich.(s) WGNB St. Petersburg, Fla. WGNC-FM Gastonla, N.C. WGNU-FM Granite City, III.	WHIC-FM Holland, Mich. WHIG-FM Extontown, N.J. 106,3 WHUB-FM Cookeville, Tenn. WHUC-FM Hudson, N.Y. WHUN-FM Huntingdon, Pa. WHUS-FM Storrs, Conn. WHUS-FM Storrs, Conn. WHUS-FM Storrs, Conn.	WIID EM Chicago III	WKTN Kenton, Ohio 95.3
WGNB St. Petersburg, Fla.	WHUN-FM Huntingdon, Pa.	WIIM-FM Lewishurg Tenn 943	WKIZ-FM Jacksonville, Fla.
WGNU-FM Gastonia, N.C.	WHUS-FM Storrs, Conn.	WJLE-FM Smithville, Tenn. 101.7	WKUZ Wahash, Ind 95.9
WGOH-FM Gravson Ky	WHVT Hendersonville, Tenn. 92.1	WJLK-FM Asbury Park, N.J.	WKUZ Wabash, Ind. 95.9 WKVI-FM Knox, Ind. 99.3
WGOH-FM Grayson, Ky. WGOS-FM Miami, Fla. WGOV-FM Valdosta, Ga.	WHVT Hendersonville, Tenn. 92.1 WHVY Springfield, Mass. 94.7 WHWB-FM Rutland, Vt. 98.1	WJJM-FM Lewisburg, Tenn. 94.3 WJLE-FM Smithville, Tonn. 101.7 WJLK-FM Asbury Park. N.J. WJLM Salem. WJLM Salem. WJLM Salem. WJMA-FM Orange, Va. 96.7 WJMG-FM Rice Lake, Wis.	WKVM-FM San Juan, P.R.
WGOV-FM Valdosta, Ga.	WHWB-FM Rutland, Vt. 98.1 WHWC Colfax, Wis.	WJLN Birmingham, Ala.	WKWK-FM Wheeling, W.Va.
	WHYD-FM Columbus, Ga. 107.3	WIMA-FM Urange, Va. 96.7	WKWL Belvidere, III. 104.9
(frem Ga.)	WHYD-FM Columbus, Ga. 107.3 WHWE Howe, Ind. 89.7	WJMD Bethesda, Md.	WKXI Jackson, Miss. 94.7
WCDL Winsten Colom N.C.	WHYL-FM Carlisle, Pa.	WJMI Jackson, Miss.	WKYE-EM Greenville Ky
WGPC-FM Albany, Ga. WGPL Winston-Salem, N.C. WGPR Detroit, Mich. 107.5	WHYL-FM Carlisle. Pa. WHYN-FM Springfield, Mass. WHYP-FM North East, Pa. 100.9	WJMK Plainfield, Ind.	WKYN-FM San Juan, P. R. 99.9
WGPS Greensboro, N.C.	WHYS-FM Hattiesburg, Miss.	WJML-FM Petoskey, Mich. 98.9 WJMR-FM New Orleans, La. 97.1	WKYW Frankfort, Ky.
WGR-FM Buffalo, N.Y.	WHYS-FM Hattlesburg, Miss.	WJMR-FM New Orleans, La. 97.1	WKYX-FM Paducah, Ky.
WGPS Greensboro, N.C. WGR-FM Buffalo, N.Y. WGRD-FM Grand Rapids, Mich.	WIAA Interlochen, Mich. 88.3	WJMS-FM Ironwood, Mich. 99.7	WKZN Zion, III. 96.9
97.9	WIAC-FM San Juan, P.R.	WJMU Decatur, III. 89.9 WJNJ-FM Atlantic Beach, Fla.	WLAC-FM Nashville, Tenn.
WGRE Greencastle, Lnd.		104.9	WI AE Hartford Conn
WGRN Greenville, III. WGRP-FM Greenville, Pa.	WIAL Eau Claire, Wis. WIAM-FM Williamston, N.C. WIAN Indianapolis, Ind.	WJNS-FM Yazoo, City, Miss. 92.1 WJOF Athens, Ala. WJOI-FM Florence, Ala.	WLAG-FM La Grange, Ga. 104.1
WGSM Smithtown, N.Y.	WIAM-FM Williamston, N.C.	WJOF Athens, Ala.	WLAN-FM Lancaster, Pa.
WGSM Smithtown, N.Y. WGSU Genesco, N.Y.	WIRA EM Madican Wis	WJOI-FM Florence, Ala.	WLAP-FM Lexington, Ky. WLAT-FM Conway, S.C. WLAV-FM Grand Rapids, Mich.
WGSY Peru, III. 100.9 WGTB-FM Washington, D.C. WGTS-FM Takoma Park, Md.	WIBA-FM Madison, Wis- WIBF-FM Jenkintown, Pa.	WJOL-FM Joliet, III. WJOY-FM Burlington, Vt. WJPA-FM Washington, Pa. WJR-FM Detroit, Mich.	WLAT-FM Conway, S.C.
WGTB-FM Washington, D.C.	WIBG-FM Philadelphia, Pa.	WIPA.FM Washington Pa	WLAV-FM Grand Hapids, Mich.
WGUC Cincinnati, Ohio	WIBM-FM Jackson, Mich.	WJR-FM Detroit, Mich.	WLBC-FM Muncle, Ind. 104.1
WGUL-FM New Port Richey, Fla.	WIBE-FM Jenkintown, Pa. WIBG-FM Philadelphia, Pa. WIBM-FM Jackson, Mich. WIBO Waverly, Ohio WIBQ-FM Utloa, N.Y. WIBW-FM Topeka, Kan. WICB Ithaea, N.Y.	WJRH Easton, Pa.	WLBE-FM Leesburg, Fla. 106.7
WGUL-FM New Port Richey, Fla. 105.5	WIRW-FM Toneka Kan	WJRS-FM Jamestown, Ky. 103.1 WJSK Lumberton, N. C. 102.3	WLBG-FM Laurens-Clinton, S.C.
WGUS-FM Augusta, Ga.	WICE Ithaca, N.Y.	WJSK Lumberton, N. C. 102.3 WJSM-FM Martinsburg, Pa.	WLBH-FM Mattoon, III.
WGVE Gary, Ind.	WICH-FM Norwich, Conn.	WJSV Morristown, N.J. 90.5	WLBJ-FM Bowling Green, Ky.
WGUS-FM Augusta, Ga. WGVE Gary, Ind. WGWR-FM Asheboro. N.C. WGYL Vero Beach, Fla. 93.5 WHA-FM Madison, Wis.	WICH-FM Norwich, Conn. WICN Worcester, Mass. 90.5 WICO-FM Salisbury, Md. 94.3 WICR Indianapolis, Ind.	WJSV Morristown, N.J. WJTN-FM Jamestown, N.Y. WJTO-FM Bath, Me. 95.3 WJTS-FM Jupiter, Fla. WJWS-FM Ridgeway, Pa.	WLAV-FM Grand Rapids, Mich. WLAY-FM Muscle Shoals, Ala. WLBC-FM Muncle, Ind. 104.1 WLBE-FM Leosburg, Fla. 106.7 WLBG-FM Laurens-Clinton, S.C. WLBH-FM Mattoon, III. WLBJ-FM Bowling Green, Ky. WLBK-FM Doklab, III. WLBR-FM Lobanon, Pa. WLCC Lincoln, III. WLCC Lincoln, III. WLCC Lincoln, III. WLCC LYM Scottsville, Ky. WLCC LYFM Tampa, Fla. 94.9 WLD M Detroit, Milch. 95.9
WHA-FM Madison, Wis.	WICO-FM Salisbury, Md. 94.3	WJTO-FM Bath, Me. 95.3	WLCC Lincoln, III. 88.9
WHAD Delafield, Wis.	WIFE-FM Indiananolis Ind	WJTS-FM Jupiter, Fla. 96.7	WLCK-FM Scottsville, Ky.
WHAG-FM Halfway, Md.	WIFF-FM Auburn, Ind.	WINS EM BIGGERS DA	WLCM-FM Lancaster, S.C.
WHAL-FM Greenfield, Mass.	WIFE-FM Indianapolis, Ind. WIFF-FM Auburn, Ind. WIFI Philadelphia, Pa. WIFN Franklin, Ind. WIGM-FM Medford, Wis. 99.3	WIZZ Bridgeport Conn	WLCY-FM Tampa, Fla. 94.9
WHAV-FM Haverhill Mass.	WIFN Franklin, Ind.	WJZZ Bridgeport, Conn. WKAI-FM MaComb, III. WKAI-FM Saratoga Springs,	WLDM Detroit, Mich. 95.9 WLDR Traverse City, Mich. 101.9
WHBB-FM Selma, Ala.	WIGN-FM Medford, Wis. 99.3	WKAJ-FM Saratoga Springs,	WLDS-FM Jacksonville, III.
WHBC-FM Canton, Ohio	WIRS Middletown Conn	N.Y. 102.3	WLEC-FM Sandusky, Ohlo
WHBF-FM Rock Island, Itl.	WIGS-FM Gouverneur, N.Y. WIHS Middletown, Conn. WIKI-FM Chester, Va. WIKY-FM Evansville, Ind.	WKAK Kankakee, III.	WLDM Detroit, Mich. 95.9 WLDR Traverse City, Mich. 101.9 WLDS-FM Jacksonville, 111. WLEC-FM Sandusky, Ohio WLEN Adrian, Mich.
WHBI Newark, N.J.	WIKY-FM Evansville, Ind.	WKAQ-FM San Juan, P.R.	WLEI-FM IOCCOB, Ga.
WHRM.FM Xenia Ohio	WIL-FM St. Louis, Mo.	WKAR-FM E. Lansing, Mich.	WLEW-FM Bad Axe, Mich.
WHBQ-FM Memphis, Tenn.	WILE-FM Cambridge, O.	WKA7.FM Charleston W Va	WLEX Lexington, Ky. 98.1
WHA-FM Madison, Wis. WHAD belafield, Wis. WHAG-FM Halfway, Md. WHAI-FM Greenfield, Mass. WHAS-FM Louisville, Ky. WHAV-FM Haverhill, Mass. WHBB-FM Selma, Ala. WHBC-FM Canton, Ohio WHBF-FM Rock Island, III. WHBI Newark, N.J. WHBL-FM Sheboygan, Wis. 97.7 WHBM-FM Xenia, Ohio WHBQ-FM Memphis, Tenn. WHCL-FM Clinton, N.Y.	WILE-FM Cambridge, O. WILL-FM Urbana, III. WILO-FM Frankfort, Ind.	WKAY-FM Glasgow, Ky. WKAZ-FM Charleston, W.Va. WKBC-FM N. WIKESDOTO, N.C.	WLEX Lexington, Ky. 98.1 WLFM Appleton, Wis. WLIB-FM New York, N.Y. WLIF Baltimore, Md. 101.9
WHCN Hartford, Conn. WHCU-FM Ithaca, N.Y.			WLIF Baltimore, Md. 101.9
WHCU-FM Ithaca, N.Y.	WILS-FM Lansing, Mich. WILY-FM Centralia, III.	WKBJ-FM Milan, Tenn. WKBL-FM Covington, Tenn.	WLIH-FM New London, Wis.
WHDH-FM Boston, Mass.	WIMA-FM Lima, Ohio	WKBL-FM Covington, Tenn.	WLIH-FM New London, Wis. WLIL-FM Lenoir City, Tenn.
WHEN FM Syracuse N V	WIMA-FM Lima, Ohio WINA-FM Charlottesville, Va.	WKBN-FM Youngstown, Ohio	WLIN Detroit, Mich.
WHDL-FM Allegheny, N.Y. WHEN-FM Syracuse, N.Y. WHEB-FM Benton Harbor, Mich.	WINE-FM Brookneid, Conn. 95.1	WKBN-FM Youngstown, Ohio WKBR-FM Manchester, N.H. WKBV-FM Richmond, Ind.	WLIP-FM Kenosha, Wis. 95.1
WHFD Archibald, O.	WINK-FM Ft. Myers, Fla. WIOD-FM Miami, Fla.	WKCI Hamden, Conn. 101.3	WLIR Hicksville, N. Y. WLIV-FM Livingston, Tenn.
WHFD Archibald, O. WHFH Flossmoor, 111.	WIOV Enhant, Fla.	WKCQ Berlin, N.H.	WLIC Beattyville, Ky.
WHFI Birmingham, Mich.	WIOV Ephrata, Pa. 105.1 WIPR-FM San Juan, P.R.	WKCI Hamden, Conn. 101,3 WKCQ Berlin, N.H. WKCR-FM New York, N.Y.	WLJM Gadsden, Ala.
WHEM Rochester, N.Y.	WIGH Concord, Mass. 88.3 WIRB-FM Enterprise, Ata. 96.9 WIRK-FM West Palm Beach, Fla.	WKCS KOXYIIIC, Tenn. WKCU-FM COFINTH, Miss. WKDA-FM Nashville, Tenn. WKDE-FM Altavista. Va. 105.5 WKDN-FM Camden, N.J. WKEE-FM Huntington, W.Va.	WLKR-FM Norwalk, Ohio
WHFS Bethesda, Md. WHGC Princeton. W.Va. 95.9 WHGM Bellwood, Pa. WHHI Highland, Wis.	WIRB-FM Enterprise, Ala. 96.9	WKCU-FM Corinth, Miss.	WLKR-FM Norwalk, Ohio WLKW-FM Providence, R.I.
WHGC Princeton, W.Va. 95.9	WIRK-FM West Palm Beach, Fla.	WKDA-FM Nashville, Tenn. WKDE-FM Altavista, Va. 105.5	WLLL-FM Lynchburg, Va. 98.3 WLMC Okeechobee, Fla.
WHHI Highland Wis		WKDN-FM Camden, N.J.	WIMH Morrow Chic 90 4
WHHO-FM Hornell, N. Y. 105.3	WISA-FM Isabela, P.R. WIRQ Rochester, N.Y.	WKEE-FM Huntington, W.Va.	WLMH Morrow, Ohio 88.1 WLNA-FM Peekskill, N.Y.
WHHS Havertown, Pa.	WISM-F.M Madison, Wis.		WLNG-FM Sag Harbor, N.Y.
WHHY-FM Montgomery, Ala.	WISM-FM Madison, Wis. WISN-FM Milwaukee, Wis.	WKES Chattanooga, Tenn. 88.9	WLNH-FM Laconia, N.H.
WHIM-FM Providence P.		WKES Chattanooga, Tenn. 88.9 WKET-FM Kettering, Ohio WKEU-FM Griffin, Ga.	WLNO London, Ohio
WHIO.FM Dayton Ohio	WINZ-FM Gien Burnie, Md.	WKEY-FM Covington, Va.	WLNR-FM Lansing, III.
WHIR-FM Danville, Ky. 107.1	WITE-FM San Juan, P.R. WITE-FM Hershey, Pa. 89.5	WKFM Chicago, III.	WLOA-FM Braddock, Pa. (s)
WHIZ-FM Zanesville, Ohio	WITH-FM Baltimore, Md.	WKFM Chicago, III. WKFR-FM Battle Creek, Mich.	WLOC-FM Munfordville, Ky.
WHIE Carmel, Inc. 91.3	WILL-FM Lansing, Mich.	WKGO Cumberland, Md. 106.11	WLOI-FM La Porte, Ind.
WHKK Erlanger, Ky. 100.9	WITT Tuscola, III. 93.5	WKHM-FM Jackson, Mich.	WLOL-FM Minneapolis, Minh.
WHKP-FM Hendersonville, N.C.	WITZ-FM Jasper, 1nd.	WKIS-FM Orlando, Fla.	WLOM Chattanooga, Tenn.

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Location

Location

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Call	Location	Freq.	Call	Location	Freq.		Location	-	Call	Location	Freq.
WLOW-F	of Jessup, Ga. inter Park, Fla. of Asheville, N.C. M Aiken, S.C. of La Salle, III.	99.9	WMSH-F	M Oakland, Md. M Elizabethtown, M Morganfield, K arrisburg, Pa. M Manchester, Te	Pa. y.	WOCH-FM WOCH-FM WOCN-FM	W. Yarmouth, North Vernon, Miami Beach, nto, Wis.	Mass. Ind. Fla. 94.9 107.1	WPSR	FM Prestonburg, Ind. Evansville, Ind. FM Raleigh, N.C. Fort Wayne, Ind. FM Cookeville, Tel	
WLRR To WLRJ Ros WLRS Lo	Polle, Ala. Jedo, Ohio anoke, Va. uisville, Kv.	101.5	WMST-FM WMT-FM WMTE-FI WMTH P	M Morganneld, K arrisburg, Pa. M Manchester, Te M Mt. Sterling, K. Cedar Rapids, I M Manistee, Mich ark Ridge, III. W Leitchfield, Ky, M Moultrle, Ga. M Morristown, Te M Murfresboro.	y. 105.5 la. 96.5 i. 97.7	WOFM Gre WOGM Bel WOHS-FM WOI-FM A	nto, Wis. eeneville, Tenn. llefontaine, O. Shelby, N.C. ames, Iowa	98.3	WPTW WPUV WPWR WPWT	FM Raleigh, N.C. Fort Wayne, Ind. FM Cookeville, Tel -FM Piqua, Ohio -FM Pulaski, Va. St. George, S.C. Philadelphia, Pa. Philadelphia, Pa.	95.9
	hampalgn, III. M Louisville, Miss izabethton, Tenn. ma, Ohio Crosse, Wis. M Atlanta, Ga.	99.3 104.9 88.9	WMTW.F	M	x. Tenn.	WOKA-FM WOKU-FM WOKZ-FM WOLA-FM	llefontaine, O. Shelby, N.C. Imes, Iowa Ruyter Twp., N. Douglas, Ga. Greensburg, P Alton, III. Carolina, P.R. Marion, Va. wa. III.	106.7 a.	WQFM	Milwaukee, Wis.	la. 100.9
		88.1	WMUA A WMUB O WMUH A	hington, N.H. mherst, Mass. xford, Ohio llentown, Pa. alamazoo, Mich. untington, W.Va.		WOMA Tal	lahassee, Fla.	104.3	WQMG WQMS WQMU WQMU	FM Jacksonville, F Horseheads, N.Y. Florence, Ala. Babylon, N.Y. Greensboro, N.C. Hamilton, Ohio Indiana, Pa. Vicksburg, Miss. Natchez, Miss. Pittsfield, Mass. Barnstable, Mass.	103.1
WLVC.FN WLVE Ba	Grange, III. Grange, III. xington, Va. M Loves Park, III. M Chicago, III. raboo, Wis. artford, Conn.	88.3 94.9	I W M II N M	uncie Ind.		WOMP-FM WONC Nap	Owenshoro, Ky Bellaire, Ohio perville, III, Dayton, O	89.1	WÖNZ WORB WORC	Natchez, Miss. Pittsfield, Mass. Barnstahle, Mass.	95.1
WLVP Fr WLVP Lo	uisville, Ky. anklin, N.J. xington, N.C. 1 Williamspert, P. ami, Fla.	93.7	WMUZ D WMVA-F WMVB-F	M Greenville, S. etroit, Mich. M Martinsville, V M Millville, N.J. M Milledgeville,	'a.		perville, III. Dayton, O. sacola, Fla. Syracuse, N.Y.		WORS- WOSB WOSM	Barnstable, Mass, FM Detroit, Mich. Albertville, Ala. Fayetteville, N.C. Forest, Miss.	98.1
WLYC-FA WLYF Mi WLYN-FA	1 Williamsport, P. ami, Fla. 1 Lynn, Mass.	a. 101.5				WOOD FM	píds, Mich. Dothan, Ala. DeLand, Fla.		WOTC.	Sellinsgrove, Pa.	is.
WMAD-F WMAJ-FN WMAJ-FN	All, Fla. A Lynn, Mass, M Middleton, Wis A Panama City, Fl A State College, P M Washington	. 106.3 a. a.	WMVR-F WMYB-F WMYQ M	M Mt. Vernon, O. M Sidney, Ohio M Myrtle Beach, Iami, Fla. M Ft. Myers, Fla	Fla. 96.3	WOPA-FM WOPI-FM	ord, Miss. Oak Park, III. Bristol, Tenn. New York, N.Y.	97.5	WOUT	Dunn, N.C. Johnson City. Ten State College. Pa -FM Muskegon, Mi	103.1 101.5 96.7
D.C.	M Washington, M Chicago, 1[]. M Baltimore, Md.		WNAP In WNAS NE	dianapolis, Ind. w Albany, Ind. M Natchez, Miss. M New Albany, M	93.1	WORJ-FM	Mt. Dora, Fla.	1. 107.7	WOXE	Elizabethtown, Ky.	104.3
W. III. C. Z I. I	n macon, da.		WNAU-FI WNAV-FI WNAZ-F	M New Albany, M M Annapolis, Md. M Nashville, Tenn M New York, N.Y	iss.	WORX-FM	Madison, Ind.	92.5	WOXR.	FM New York, N.Y FM Baton Rouge.	97.9 La.
WMBG W WMBI-FN WMBN-F	M Columbus, Miss M Peoria, III. illiamsburg, Va. 1 Chicago, III. M Petoskey, Mich. M Auburn, N.Y. Memphis, Tenn. M Michigan City	96.5	WNBC-FN WNBD-FI WNBF-FN	f New York, N.Y M Daytona Beach, M Binghamton, N M New Bedford, I I Park Falls, Wis	Fla. Y	WOSH-FM WOSM Oce WOSU-FM	Oshkosh, Wis. an Springs, Mis Columbus, Ohi Watertown, N. Nashua, N.H. Athens, Ohio	ss. 103.1	WRAD	FM St. Petersburg	99.5
		Ind.	WNBI-FN WNBX AI	M New Bedford, I I Park Falls, Wis Idalusia, Ala. Ithington-Columbu	Mass.	WOTW-FM WOUB-FM WOUR Uti	Matertown, N. Nashua, N.H. Athens, Ohio	Y. 97.5	WRAJ-	r M nauford, va. F M Carrollton, Ala F M Anna, III. F M Williamsport, F M Raleigh. N.C. F M Tappahannock, Atlanta, Ga. F M Princeton. Ind	Pa.
	atesboro, Ga. uart. Fla. ew Concord, Ohio iami, Fla.		WNCN NO	W YORK, N.Y. A Ashland, Ohio		WOVE Well WOVV Ft. WOW-FM	ca, N.Y. ch, W. Va. Pierce. Fla. Omaha, Nebr.		WRAR- WRAS WRAY-	FM Tappahannock, Atlanta, Ga. FM Princeton, Ind	Va. 88.5
W M DC-F	M Hazelhurst, Mi M Falardo, P.R.	89.7 iss. 100.9	WNCY SP WNDA HI WNDB-F	eveland, Ohio ringvale, Me. untsville, Ala. M Daytona Beach,	91.1 Fla.	WOXE Oxf	ord, Ohio	102.9	WRBD.	FM Pompano Beac	h. Fla.
WMDI Me	reensboro, N.C. :Kean, Pa,	102.3 96.9		ngston, N. Y. M South Bend, In awfordsville, Ind.		WPAB-FM WPAC-FM WPAD-FM	Mayaquez, P.H lover, Mass. Ponee, P.R. Patchogue, N.Y	,		FM St. Johns, Mich FM Columbus, Ga. FM Warner Robins	
WMEH-FI WMER Ce	M Orono, Maine M Bangor, Me. elina, Ohio	90,9	WNEC-FA	f Henniker, N.H. I Central City. K M New Yerk. N.Y M Macon, Ga.	91.7 y.	WPAP-FM	Paducah, Ky. Ann Arbor, Mic Panama City,	FIa. 92.5	WRBR WRBS WRC-F	South Bend, Ind. Baltimore, Md. M. Washington, D.O.).
WMFC-FI	M Bangor, Me. slina, Ohio M Marion, Va. M Monroeville, Ala M Wilmington, N.	č. 100.9		Macon, Ga. aples, Fla. hens, Ga. Mayfield, Ky.	95.5		Paterson, N.J. Portsmouth, Ol Richfield, Mini	1i0	wnun-	FM New Britain.	100 5
	M Hibbing, Minn 1 Daytona Beach, adison, Wis.	. 106.3 Fla.	WNGO-FN WNHC-FN WNHS Ma	n Mayneld, Ky. New Haven, Con anchester, N.H. N White River Ju	n. IOI.I	WPCS Pens WPDE-FM WPDM-FM	Richfield, Mini ladelphia, Pa. sacola, Fla. Paris, Ky. Potsdam, N.Y. Portage, Wis. ter, N.H.	89.3 96.7	WRCO- WRCP- WRCR	FM Sheffield, Ala. Jacksonville, N.C. FM Richland Cente FM Philadelphia, f Rushville, Ind.	r, Wis, Pa. 94.3
WMFP Ft	auison, Wis. edford, Mass. . Lauderdale, Fla. M High Point, N.(91.5	WNIR Chi	icano III.		WPDR-FM WPEA Exe WPEG Cone	Portage, Wis. ter, N.H. cord, N.C.	97.9	WRCS-I WRDB- WRDL	Rushville, Ind. FM Ahoskie, N.C. FM Reedsburg, Wi Ashland, O.	99.3 s. 104.9 89.5
	laski, Tenn. tiantic City, N.J. M Bainbridge, Ga. M Meadville, Pa.	98.3	WNIL-FM WNIU-FM WNJC-FM	Arecibo, P.R. Niles, Mich. I Dekalb, III. Senatobia, Miss.	95.3 89.5 90.1	WPEN-FM WPEX-FM WPER-FM	ter, N.H. cord, N.C. Montrose, Pa. Philadelphia, I Pensacola, Fla. Middletown, Oi Angeles, Cal. tsmouth, N.H.	Pa.	WREC- WRED WREK	r M Recusurg, Wi Ashland, O. Egg Harbor, N.J. FM Memphis, Tenr Youngstown, Ohio Atlanta Ga	104.9
WMHC SO WMHE TO WMHI-FR	M Mendville, Ga. uth Hadley, Mass. ledo, Ohio I Braddock Height Tacuse, N.Y	s, Md.	WNNN Ca WNNT-FN WNOB CI	1 Indianola. Miss nton, N.J. d Warsaw. Va. eveland. Ohio 1 New Orleans. La	101.7	WPFK Los WPFM Por WPFR Terr	Angeles, Cal. tsmouth, N.H. e_Haute, Ind.	102.7	WREO- WRFK WRFL	Youngstown, Ohio Atlanta, Ga. FM Ashtabula, Ohi Richmond, Va. Winchester, Va. New York, N.Y. FM Alexander City River Falle Wis	0
WMHR SY WMHS M	rracuse, N.Y. orrison, III. I Sandusky, Mich, I Middlesboro, Ky ock Mountain, N.C.	103.9	WNOE-FN	1 New Orleans. La Paul, Minn. 1 High Point, N.	a. 101.1	WPGA-FM WPGC-FM WPGF-FM	e Haute, Ind. Perry, Ga. Baidensburg. M. Burgaw, N.C. Sburgh, Pa. Danville, Pa. ana, Ill.	1d. 95.5	WRFM WRFS-I	New York, N.Y. FM Alexander City River Falls, Wis.	Ala. 88.7
WMIK-FN WMIT BIS WMIV S.	Middlesboro, Ky ock Mountain, N.C Bristol, N.Y. 1 Mt. Vernon, III. d Cordele, Ga. Lauderdale Fla	92.7	WNOR-FA	hanon, Ind. 1 Norfolk, Va.	c.	WPGM-FM WPGU Urb	Danville, Pa. Danville, Pa. ana, III.	96.7 103.3	WRGA- WRHS	FM Alexander City River Falls, Wis. FM Reading, Pa. FM Rome, Ga. Park Forest, III. Detroit, Mich.	101.1
WMIX-FN WMJM-FN WMJR Ft	Mt. Vernon. III. M Cordele, Ga. Lauderdale, Fla.	98.3	WNOW-F	l High Point, N.C M York, Pa. w Philadelphia. (nhio	WPHD Buf WPHS War WPIC-FM	ren, Mich. Sharon, Pa. Pittsburgh, Pa.	103.3	WRIG-I	FM Wausau, Wis. Grenada, Miss. FM Cape May, N.J	100.1
WMIS.FR	hkosh. Wis. orehead, Ky. 1 Milton, Pa. 1 Sylacauga, Ala.	90.3	WNRG-FN	rcleville. O. 4 Grundy, Va. cenah-Menasha. V	107.1	WPIX-FM	New York, N.Y		WRIP-F	M Rossville, Ga. M Milwaukee, Wi Kingston, R.I.	
WMMMW	estport, Conn.		WNRZ An	n Arbor, Mich.	99.3 102.9	WPKM Tan WPKN Brid WPKY-FM	Pikeville, Ky. npa. Fla. dgeport, Conn. Princeton, Ky.	89.5 104.9	WRJN-I	FM Ratine, Wis. Lewiston, Maine	C.
WMMS CS WMNA-FS WMNB-FS	niiadeiphia, Pa. leveland, O. M Grotna, Va. M North Adams, N 1 Columbus, Ohio M Marietta, O.	100.7 1ass.	WNTE Ma WNTH W WNT! Has	Laurel, Miss. nsfield, Pa. innetka, III. kettstown, N.J.	89.5	WPLD plans WPLJ New	enville, Mich. ation Key, Fla. York, N.Y. Plymouth, Mas hville, Tenn.	95.5	WRKC WRKD-	Wilkes-Barre, Pa. FM Rockland, Me. FM Boston, Mass. Racine, Wis. Long Branch, N.J. FM Lanett, Ala.	88.5
WMOA-FI WMOD W	M Marietta, O. ashington, D.C.	98.7	WNUB-FR WNUR EV WNUS-FR	Northfield, Vt. anston, III. 1 Chicago, III.	106.3	WPLN Nas WPLO-FM WPMP-FM	hville, Tenn. Atlanta, Ga. Pascagoula, M.	ise.	WRLB WRLD- WRLJ J	Long Branch, N.J. FM Lanett, Ala. acksonville, Fla.	
WMOR-FI WMOT MI WMOU-FI	M Marietta, O. ashington, D.C. W Ocala, Fla. M Morehead, Ky. urfreesboro, Tenn. M Berlin, N.H.	92.1 89.5	WNWY-FI WNXT-FN WNYC-FN	il Northfield, Vt. anston, III. 1 Chicago, III. 4 Norton, Va. M Norway, Me, 1 Portsmouth, O. 1 New York, N.Y. w York, N.Y. 4 Canton, O. 4 Rochester, N.Y. 4 New York, N.Y. 4 Rack, Ala.	105.5	WPNA Phi WPOK-FM WPOR-FM	hville, Tenn. Atlanta. Ga. Pascagoula, M. ladelphia, Pa. Pontiac, III. Portland, Me. Holland, O. Pottsville, Pa. Ridge, Ga. Uniontown, Pa	94.1 103.1	WRLM WRLS I WRMC-	FM Lanett, Ala- acksonville, Fla. Taunton, Mass. Haywood, Wis- FM Middlebury, V FM Titusville, Fla FM Morris, III. FM Morris, III. Alliance, Ohio Charlotte, N.C. Atlantic City, N.J. FM Richmond, Va. New Orleans, La. Kinston, N.C.	93.3 92.1 t.
WMPH W WMPI Sco WMPL-FN	ilmington, Del. ottsburg, Ind. of Hancock, Mich. of Memphis, Tenn. of South Williams	91.7	WNYE NEWNYN-FA	w Yerk, N.Y. I Canton, O. I Rochester, N.Y.		WPOS-FM WPPA-FM WPPL Blue	Holland, O. Pottsville, Pa. Ridge, Ga.	103.9	WRMF- WRMI- WRMN-	FM Titusville, Fla FM Morris, III. FM Morris, III.	. 98.3
Pa.	areleanhung Va	ort. 99.3	WNYU-FN WOAB Oz WOAK RO	f New York, N.Y ark, Ala. yal Oak, Mich.	89.1	WPRB Pri	Uniontown, Pa iceton, N.J. Lincoln, III. Prairle du Chie	. 98.5 100.1	WRNA WRNJ WRNJ	Charlotte, N.C. Atlantic City, N.J. FM Richmond, Va.	91.1
WMRI-FN	M Lewistown, Pa. Marion, Ind. Marion, Ohio	91.1	WOAY-FN WOBC Ob	n New York, N.Y ark, Ala. yal Oak, Mich. I Owosso, Mich. I Oak Hill, W.Va erlin, O. ms River, N.J. esterville, Ohio I Rhinelander, W. Davenpert Lowa	١.	WPRK WIT	nter Park. Fla. San Juan, P.F	, 98.5	WRNO WRNS WRNW	New Orleans, La, Kinston, N.C. Mount Kisco, N.Y. FM Gulfport, Miss. FM Rochester, N.Y.	95.1
WMRP-F	ndicott, N.Y. M Flint, Mich. St. Louis, III.	105.5	WOBN WOBT-FM	esterville, Ohio I Rhinelander, W Davenpert, Iowa	is.	WPRO-FM	Providence, R. Ponce, P.R.	105.1	WROA- WROC- WROI	FM Gulfport, Miss. FM Rochester, N.Y Rochester, Ind.	

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WROR Boston, Mass. WROW-FM Albany, N.Y.	98.5
WROY-FM Carmi, III. WRPC San German, P.R.	95.1
WRP! Troy, N.Y. WRPM-FM Poplarville, MI	ss.
WRR-FM Dallas, Tex. WRRH Franklin Lakes N.	
WRRN Warren, Pa. WRRZ-FM Clinton, N.C.	
WRSA Decatur, Ala. WRSE-FM Elmhurst, III.	
WRSL-FM Stanford, Ky. WRST-FM Oshkosh, Wis.	
WRSV Skokie, III. WRSW-FM Warsaw, Ind.	
WRTC-FM Hartord, Conn. WRTI-FM Philadelphia, Pa	а.
WRTS E. Liverpool, O. WRTV Blountstown, Fla.	102.3
WRUF-FM Gainesville, Fla WRUN-FM Utica, N.Y.	104.3
WRUR Rochester, N.Y. WRUS-FM Russelville, Ky.	1.101
WRUW-FM Cleveland, O. WRVA-FM Richmond, Va.	
WRVB Madison, Wis. WRVC Norfolk, Va.	102.5
WRVF River Falls, Wis. WRVG Georgetown, Ky.	
WRVM Suring, Wis.	95.3
WRVP New York, N.Y. WRWC S. Beloit, III.	69.9
WRWR Port Clinton, Ohio WRXO-FM Roxboro, N.C.	
WSAC-FM Ft. Knox, Ky.	
WSAF-FM Sarasota, Fla. WSAI-FM Cincinnati, O.	94.1
WSAJ-FM Grove City, Pa WSAL-FM Logansport, Ind	. 89.5
WSAU-FM Wausau, Wis. WSB-FM Atlanta Ga	
WSBA-FM York, Pa. WSBF-FM Clemson, S.C.	
WSBM Saginaw, Mich. WSBT-FM South Bend, Inc WSCR Springfield Mass	1. 106.3
WSCC Somerset, Ky. WSCH Aurora, Ind.	99.3
WSCI-FM Platteville, Wis. WSCT-FM Berkeley Spring	s, W.V.
WRO M-FM Rome. Ga. WROW-FM Albamy. N.Y. WROW-FM Albamy. N.Y. WROW-FM Carmi, III. WRPC San German, P.R. WRPL Troy, N.Y. WRPM-FM Ripon, Wis. WRR-FM Blon, Wis. WRR-FM Dallas, Tex. WRRH Franklin Lakes, N., WRRN Warren, Pa. WRRN Warren, Pa. WRRN Warren, Pa. WRRS-FM Clinton, N.C. WRSA Decatur, Ala. WRSS-FM Clinton, N.C. WRSA Decatur, Ala. WRSI-FM Bayamon, P.R. WRSI-FM Bayamon, P.R. WRSI-FM Bayamon, P.R. WRSI-FM Bayamon, P.R. WRSI-FM Bayamon, P.R. WRSI-FM Bayamon, P.R. WRSI-FM Bayamon, P.R. WRSI-FM Bayamon, P.R. WRSI-FM Warsaw, Ind. WRSI-FM Warsaw, Ind. WRSW-FM Gainesville, Fiz. WRUN-FM Gainesville, Fiz. WRUN-FM Gainesville, Fiz. WRUW-FM Gainesville, WRUW-FM WINGON, WIS. WRVC Norfolk, Va. WRVC S. Beloit, III. WSAB-FM Kayamon, N.Y. WRWP O Oswego, N.Y. WRVP New York, N.Y. WRVP New York, N.Y. WRVP RWSAB-FM K. Carmel, III. WSAB-FM Clamband, Ind. WSAM-FM Clamband, Ind. WSAM-FM Clamband, Ind. WSAM-FM Clamband, Ind. WSAM-FM Wasau, Wis. WSB-FM Maganaw, Mich. WSB-FM Sapinag-field, Mass. WSCC Somerset, K. WSEE-FM Sebring, Fia. WSEF-FM Sebreng, Fia.	93.5 105.5
WSEF-FM Seneca Falls, N	1. Y. 99.3
WSEK Somerset, Ky. WSEL-FM Pontotos Miss	92.9
WSEN-FM Baldwinsville, I WSEO Kalamazoo, Mich.	N.Y. 106.5
WSEV-FM Sleverville, Ten WSEV-FM Sleverville, Ten	n
WSGM Staunton, Va. WSGR-FM Port Huron, Mi	99.3 eh. 91.3
WSEI Olney, III. WSEK Somerset, Ky. WSEL-FM Pontotoc, Miss. WSEN-FM Baldwinsyille, I WSEO Kalamazoo, Mich. WSEO Kalamazoo, Mich. WSET Nashville, Tenn. WSEV-FM Sleverville, Tenn. WSEV-FM Sleverville, Tenn. WSEW-FM Staunton. Va. WSGM Staunton. Va. WSGM Staunton. Va. WSGM Harrisburg, Pa. WSGM Harrisburg, Pa. WSGM Harleigh, N.C. WSHJ Southfield, Mich. WSHN-FM Fremont, Mich. WSHN-FM Fremont, Mich. WSHN-FM Fremont, Mich. WSHR Lake Ronkonkoma, I WSHS Floral Park, N.Y. WSHU-Fiarffeld, Conn. WSHY-FM Shelbyville, III WSID-FM Battimpre, Md	101.1 88.9
WSHN-FM Fremont, Mich.	1.00.1
WSHS Floral Park, N.Y.	N. T.
WSHY-FM Shelbyville, III WSID-FM Baltimore, Md.	. 104.9
WSID-FM Baltimore, Md. WSIE Edwardsville, III. WSIM-FM Salem, Ind.	88.7
WSIU Carbondale, 111. WSIV.FM Pekin III	
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WSJG Hallandale, Fla. WSJM-FM St. Joseph, Mich	h.
WSJS-FM Winston-Salem, WSLI-FM Jackson, Miss.	N.C.
WSLN Delaware, Ohio WSLS-FM Rosnoke Vo	
WSLU Canton, N.Y.	

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	WSM-FM Nashville, Tenn. 95.5 WSMC Collegedale, Tenn. WSMD-FM Waldorf, Md.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	WSMI-FM Litchneid, III. WSMJ Greenfield, Ind.	X
	WSMT-FM Starkville, Miss, 106.3 WSMU-FM Starkville, Miss, 106.3 WSMU-FM Starkville, Miss, 106.3 WSNJ-FM Bridgeton, N.J. WSOC-FM Charlotte, N.C. WSOM-FM Salem, Ohio WSNJ-FM Henderson, Ky. WSOR Fort Myers, Fla. WSOY-FM Deeatur, III. WSOY-FM Deeatur, III. WSOY-FM Deeatur, III. WSOY-FM Salem, Ohio WSPB-FM Sarasota, Fla. WSPA-FM Spartanburg, S.C. WSPB-FM Spartanburg, S.C. WSPB-FM Spartanburg, S.C. WSPB-FM Spartanburg, S.C. WSPB-FM Spartanburg, N.Y. WSPO Columbus, O. WSPC-FM Stevens Point, Wis. WSPC-FM Stevens Point, Wis. WSPC-FM Stevens Point, Wis. WSPC-FM Stevens Point, Wis. WSPC-FM Stevens Point, Wis. WSPC-FM Stevens Point, Wis. WSPC-FM Stevens Point, Wis. WSPC-FM Stevens Point, Wis. WSPC-FM Stevens WSSS. WSSV-FM Petersburg, Va. WSTC-FM Stevens, Mich. WSTS Laurinburg, N. C. WSTR-FM Stevensy Point, Wis. WSTS-Laurinburg, N. C. WSTR-FM Stevensy Point, Wis. WSTV-FM Stevensy Point, Wis. WSTV-FM Stevensy Point, Wis. WSVS Tamaqua, Pa. WSVS Tamaqua, Pa. WSV MSWS Ta	V
	WSNJ-FM Bridgeton, N.J. WSOC-FM Charlotte, N.C.	Š
	WSON-FM Salem, Onto WSON-FM Henderson, Ky. WSOR Fort Myers, Fla. 95.3	v
١	WSOU S. Orange, N.J. WSOY-FM Decatur, III. WSPA-FM Spartanburg, S.C.	V
	WSPB-FM Sarasota, Fla. WSPD-FM Toledo, Ohio WSPE Springville, N.Y.	V
	WSPK Poughkeepsie, N.Y. WSPO Columbus, G. WSPT-FM Stevens Point Wis	7
I	WSRC-FM Durham, N.C. WSRF-FM Ft. Lauderdale, Fla.	Ÿ
J	WSRW-FM Hillsboro, Ohio WSSH Lowell, Mass. 99.5	v
	WSSU Superior, Wis. WSSV-FM Petersburg, Va. WSTC-FM Stamford, Conn.	v
I	WSTK Woodstock, III. WSTM St. Mathews, Ky. WSTN Florence, S.C. 103.1	×
	WSTO Owensboro, Ky. WSTP-FM Salisbury, N.C. WSTR-FM Sturgis, Mich.	ž
I	WSTS Laurinburg, N. C. 96.5 WSTU-FM Stuart, Fla.	V
	WSTW Wilmington, Del. 93.7 WSUB-FM Groton, Conn. 105.5	V
I	WSUS Stevens Point, Wis. 89.9 WSUW Whitewater, Wis.	V
	WSVA-FM Harrisonburg, Va. WSVB Tamaqua, Pa. WSVC Midland, Mich. 99.7	V
	WSVL-FM Shelbyville, Ind. WSVS-FM Crewe, Va. WSWG Greenwood, Miss.	ž
I	WSWM East Lansing, Mich. WSWN-FM Belle Glade, Fla. WSWW-FM Platteville, Wie	y
	WSYR-FM Syracuse, N. Y. WTAB-FM Tabor City, N.C.	V
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l	WTAP-FM Parkersburg, W. Va. WTAR Norfolk. Va. WTAS Crete, III.	ž
	WTAW-FM College Station, Tex. WTAX-FM Springfield, III. WTAY-FM Robinson, III. 101.7	×
	WTBO-FM Cumberland, Md. WTBS Cambridge, Mass. WTCA-FM Plymouth Lnd	×
	WTCH-FM Shawano, Wis. WTCM-FM Traverse City, Mich.	×
	WTCV Memphis, Tenn. 104.5 WTCW-FM Whitesburg. Ky,	V
	WTES-FM Buffalo, N.Y. WTFM Lake Success, N.Y.	Š
ı	WTGR-FM Myrtla Reach & C	V
1	WTHI-FM Torre Hauto, Ind. WTHM-FM Lapeer, Mich.	×
	WTHO-FM Thomson, GA 101.7 WTHS Miami Fla. WTIB luka, Miss. 104.9	V
	WTIC-FM Hartford, Conn. WTID-FM Norfolk, Va.	V
	WTIM-FM Taylorsville, III. 92.7 WTIO Charleston, W. Va. WTJS-FM Jackson, Tenn.	V
	WTHI-FM Terre Hauto, Ind. WTHM-FM Lapeer, Mich. WTHO-FM Thomson, GA 101.7 WTHS Miami. Fla. WTIB Inka, Miss. WTIG-FM Hartford, Conn. WTID-FM Martford, Conn. WTID-FM Norfolk, Va. WTIM-FM Taylorsville, Ill. WTIG Charleston, W. Va. WTIS-FM Jackson, Tenn. WTJU Charletteville, Va. WTKY-FM Tompkinsville, Ky. WTLC Indianapolis, Ind.	v
	WTLC Indianapolis, Ind. WTLN-FM Anopka, Fla, 95.3 WTMA-FM Charleston, S.C. WTMB-FM Tomah, Wis.	V
	WTMB-FM Tomah, Wis. WTMI Miami, Fla. 93.1	V
	WTMJ-FM Milwaukee, Wis. 94.5 WTMO Tishomingo, Miss. 88.9 WTNC-FM Thomasville, N.C.	V
	WTNT-FM Tallahassee, Fia.	Ž
	WIGC-FM Savannah, Ga. WTOD-FM Toledo, Ohio WTOF Canton, Ohio	V
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	WTOT-FM Marianna, Fla. WTPA-FM Harrisburg, Pa. WTPC E'sah, III. WTPM Aquadilla, P.R. 92.9 WTPR-FM Paris, Tenn. WTQX-FM Selma, Ala,	***************************************
	WTQX-FM Selma, Ala,	١v

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Į	WTRO-FM	Wineeling, W.Va. Dyersburg, Tenn.	1.00.1	ww
I	WTRS Dunr	iellon, Fla. Albany, N.Y.	102.3	ww
ı	WTSB-FM	Lumberten, N.C.		WW
	WTSR Tren	ton, N.J.		WW
ı	WTTC-FM	Claremont, N.H. Towanda, Pa.		***
I	WTTF-FM WTTN-FM	Tiffin, Ohio Watertown, Wis.		ww
I	WTTR-FM	Westminster, Md		WW
Į	WTUN Selm	ia, Ala.	100.1	WW
	WIVL-FM WTVR-FM	Waterville, Me. Richmond, Va.		WW
I	WTVY-FM WTWC Urb	Dothan, Ala.	95.5	ww
ĺ	WTWX Gun	tersville, Ala.	95.9	WW
	WTYL-FM	Tylertown, Miss.	97.9	ww
	WIZE-FM WUAG Gree	Fazewell, Va. ensboro, N. C.		WW
	WUAZ Hend	lerson, Ky. Chicago, III.	103.1	WW
	WUCJ Univ	na, Ala. Waterville, Me. Richmond, Va. Dothan, Ala. ana, III. tersville, Ala. London. Conn. Tylertown, Miss. Tylertown, Miss. Gerson, Ky. Chicago, III. ersity Heights, (Coulth Mass.	hio	WW
Į	WUCV Falm	nouth, Mass, a, N.Y. on, Mich, na, O, Eufala, Ala, Philadelphia, Pa Richmond, Ind. pel Hill, N.C. ham, N.H. aloosa, Ala,	88.9 95.9	₩W
l	WUFN Albi	a, N.Y. on, Mich,	96.7	WW
	WUHS Urba	ina, O. Eufala, Ala.	96.7 91.7 92.7	WW
Į	WUHY-FM	Philadelphia, Pa	١.	WW
l	WUNC Chap	el Hill. N.C.		WW
	WUNH Dur	ham, N.H.	95.7	ww
	WUOM Ann	Arbor, Mich.	30.7	WW
	WUDT Kno	(ville, Tenn. 1. Mass.		WW
	WUSC-FM	Columbia, S.C.		WW
	WUSO Spri	pa, Fla. ngfield, O.		ww
	WUST-FM WUSV Scra	Bethesda, Md. nton. Pa.		W W
l	WUVT-FM	Blacksburg, Va.	90.7	WW
	WVAC Adri	an, Mich.		WW
	W.Va.	Charleston,		WW
l	WVAM-FM WVBC Beth	Altoona, Pa. anv. W.Va.		WW
	WVBR-FM WVRII-FM	Ithaca, N.Y.		WX
	WVCA-FM	Gloucester, Mass.		₩ŝ
Į	WVCL-FM	Winnfield, La.	97.9	₩X
l	WVCM Carr	ham, N. H. aloosa, Ala, Arbor, Mich, viille, Tenn, h. Mass. Columbia, S. C. pa, Fia. ngfield, O. Bethesda, Md. nton, Pa. Blacksburg, Va. waukee, Wiss, an, Mich. Charleston, Altoona, Pa. any, W. Va. Ithaca, N. Y. Lewisburg, Pa. Gloucester, Mass. eton, Pa. Winnfield, La. oliton, Ky. eton, Pa. Winnfield, La. oliton, Ky. eton, Pa. Winnfield, La. land, Fla. dee, Ill. de Rapids, Mich. See, Ill. da Rapids, Mich. See, Ill. da Rapids, Mich. J. Saguas, P. R. Wensboro, Ky. Lausing, Mich. Laus		WX
	WVEC-FM WVEM Spri	Hampton, Va.		WX WX
	WVEN Fran	klin, Pa.	99.3	WX
l	WVFV Dun	dee, III.	104 1	₩X
١	WVHC Hem	d Rapids, Mich. pstead, N.Y.	104.1	₩ŝ
	WVIC-FM	sville, ind. E. Lansing, Mich	١.	wx
	WVIK Rock	Island, III. Mount Kisco. N.Y	90.9	WX
	WVIS Terre	Haute, Ind.	-	WX
I	WVJS-FM C	wensboro, Ky.		WX
ı	WVLE Kaul	caura, Wis.	104.9	₩ŝ
I	WVLR Sauk	City, Wis.		WX
ı	WVMG-FM WVMO Mon	Cochran, Ga.	96.7	WX
l	WVMS Chat	tanooga, Tenn.	88.9	WY
I	WVNJ-FM I	Newark, N.J.		WY
ı	WVNY Bur	ington, Vt.	92.9 97.7	ŴΥ
ı	WVOP-FM WVOR Roch	Vidalia, Ga. ester, N.Y. Liberty, N.Y.	97.7	WY
	WVOS-FM	Liberty, N.Y.		WY
	WVOW-FM	Logan, W. Va.	9.101	₩Ÿ
	WVPC-FM	New Rochelle, N. Monmouth, III.	٧.	WY
	WVPO-FM :	Stroudsburg, Pa. tington, W.Va.		WY
	WVRY Way	erly, Tenn.	104.9	WY
	WVSH Hun	ington, Ind.		ŴΫ
	WVSL-FM WVSR Rapi	Stidell, La. d City, S.D.	105.3	WY
I	WVSS Meno	monie, Wis.		WY
	WVSU-FM	Birmingham, Ala	ا ـ م	WZ
	WVTL Mont	folph enter, Vt.	90.7	wź
	WVOR Roch WVOS-FM WVOW-FM WVOW-FM WVPO-FM WVPO-FM WVRY WVSC-FM WVSC-FM WVSC-FM WVSC-FM WVSC-FM WVSC-FM WVSC-FM WVSC-FM WVST-FM WST-FM WS	lington, Vt. Vidalia, Ga. ester, N.Y. Liberty, N.Y. Wilson, N.C. Logan, W. Va. New Roehelle, N. Monmouth, Ili. Stroudsburg, Pa. somerset. Pa. ington, Ind. Slidell, La. d City, S.D. sidell, La. d City, S.D. Birmingham, Ala loiph enter, teello, Ind. Haute, Ind. Haute, Ind. Kettering, Ohio I Gables, Fla. araiso, Ind. Skiburg, Ya. Brigeton, N.C. kannon, W.Va.	91.3	\$
	WVUD-FM	Kettering. Ohio	91.3	WZ
	WVUR Valp	araiso, Ind.		wz
	WVVV Blac WVWB-FM	ksburg, Va Brigeton, N.C.		WZ
	WVWC Buc	khannon, W.Va.	88.9	WZ

1-	Call	Loc	ation	Freq.
	WWR	-FM St.	Petersbur	g, Fla.
.1	WWBD	-FM Bai	mberg, S.	07.3 C. 91.1 onn. 96.5
.5	WWCO	-FM Wa	terbury, C	onn.
	WWDC	-FM Wa	shington,	D.C.
	WWEE	FM Wa	llingford,	D.C. 1. 104.9 Conn.
	WWEZ	CIncinn P-FM San	, III. ati, Ohio ford, N.C	92.5
''	WWHI	Hartford Munice,	City, Ind.	đ.
.5	MM1-I	Wilming FM Detro	gton, N.C it, Mích.	. 97.3
.9	MM10	St. Clou	d, Minn. . Ind.	101.7
.9	WWKS	Macomb La Cross	, III. se, Wis.	
,	WWLV	Versaill Reidsvi	es, Ky. Ile, N.C.	100.9
	WWMS	FM Bry	an, O. leans, La.	
9	WWNO	New Or	leans, La Ichbu <u>rg,</u> V	. 89.9 'a.
2	WW0G	Boca Ra -FM Buf	ton, Fla. falo, N.Y.	
7	WWON	-FM Wo	w Orleans, onsocket,	R.I.
	WWQS	Orlando,	Fla.	
	WWRV	Wiscon	sin Rapid	s, Wis.
.7	WWSH	Philade	Iphia, Pa	106.1
	WWST	-FM Wo	oster, Ohi tsburgh, I	0 Pa.
	WWTR	Thomas	ville, Ga. lillac, Mic	107.f
	WWTV	Corinth, Corinth	Miss. , Miss	95.3
.7	WWVF	W. Terr	eeling, W e Haute,	.Va. Ind.
	WWW	B-FM Ja Saginav	sper, Ala. v, Mich.	107.1
	WWX.	FM Ma	nchester,	Ky.
	WXAC	Reading,	Pa. Ind	
	WXBM	I-FM Mil Clevelan	ton. Fla.	106.5
9	WXFM	Elmwon Erwin, T	d Park, enn.	103.9
	WXK	Winter I	Haven, Fla wn, Pa.	104.1
	MXFI-	FM Dubl	in, Ga.	07.2
3	WXMT	-FM Me	rrill, Wis	. 93.5
ı,	WXPN	Philadel Glens Fa	phia Pa. IIs. N. Y.	
	WXRA	Jackson Woodbri	ille, N.C dge, Va.	. 105.5
9	WXRC	Hickory, -FM Gua	N.C. yama, P.	R.
	WXRT	Chicago,	Va. III.	93.1
۵	WXTA	Greencas Annanoli	tie, Ind.	0. 55.5
.3	WXUR	-FM Med	lia. Pa. avette, In	1. 92.7
.7	WXXY	Mentour Suffolk.	Falls, N Va.	.Y. 104.9
9	WYBC	-FM New York-Ha	Haven Conover, Pa.	d
1	WYCS	Hammon	i, Va. d, Ind.	
7	WYCS	Yorktown	n, Va.	
	WYEN	Des Pla	gh, Pa. ines, III. Va. e, N.C. imbia. Ter bin. Ky. on Rouge, unwick, G apids, Mi bles. Fla.	108.7
9	WYFM	Charlott	e, N.C.	nn.
1	WYGO	-FM Cort	oin. Ky.	La. 101.5
9	WYNR	-FM Bro Grand R	unwick, G apids. Mi	a. ch.
	WYOR	Coral Ga Melbour	apids, Mi bles, Fla. ne, Fla.	
.3	WYSH WYSO	-FM Clin	ton, Tenn Springs,	Ohio
	WYSU	Wilkes-E	wn, O. Barre, Pa.	88.5
.7	WZAK	-FM Mo	u. U. hile, Ala.	94.9
	WZEP	FM DeF	unia k,	101.9
.3	WZFM	Charlest	bles, Fla. ne, Fla. tton, Tenn Springs, o surn, O. sarre, Pa. d. O. hile, Ala. P.R. uniak, own, W.V nee Falls, Mich. t, Ga.	a. Wis.
	WZND	Menomor Zeeland, Rockmar Meadvill	Mich.	99.3 107.1
۵	WZPR	Meadvill - FM Grai	le. Pa. nd Rapids	100.3 Mich.
.9 .7	wzźw	Augusta,	Ga.	,

United States Television Stations by States

U. S. stations listed alphabetically by cities within state groups. Territories and possessions follow states. Chan., channel; C.L., call letters. †, educational station. #, non-commercial station.

	Сһал	., channel; C.L., ca	II letters. †,	edu	cational station.	#, non-commercial	station.	
Location	C.L. Chan.	Location	C.L. Ch	an.	Location	C.L. Chan.	Location	C.L. Chan.
ALABA	МΔ	Redding	†KIXE-TV	9	Leesburg	WLLC-TV II	Freeport-	== == == ==
Anniston	WHMA-TV 40	Redding-Chico Sacramento	†KIXE-TV KRCR-TV KCRA-TV	9 7 3	Miami	tWPBT 2	Rockford Harrisburg	WCEE-TV 23 WSIL-TV 3
Birmingham	WERC-TV 6		KXTV	6		WTV1 4	Jacksonville	WSIL-TV 3 WJJY-TV 14 WTVG 66
	TWBIQ 10 WAPI-TV 13 WBMG 42		KRAQ	15		WCKT 7	La Salle	WFEO.TV 35
Decatur	WMSL-TV 23	Sacramento- Stockton	KTXL	40		WPLG-TV 10 WSEC-TV 17 WLTY 23 WFCD-TV 45	Mount Vernon	WIEW-TV 13
Demopolis Dothan	TWIIQ 41	Salinas- Monterey	KSBW-TV			WLTY 23 WFCD-TV 45	Olney Peoria	WRAU-TV 19 WEEK-TV 25
	WDHN 18	San			Orlando	WDBO-TV 6 WFTV 9		WEEK-TV 25 WMBD-TV 31
Flagstaff Dozier	tWDIQ 2	Bernardina	KVCR-TV KHOF-TV KIHP-TV	30	<u>.</u> .	TWFME-IV 24		WTVP 47 WGEM-TV 10
Florence	WOWL-TV 15 †WF10 36 WHNT-TV 19	San Diego	K-FMB-IA	8	Panama City	WPTV 5 WJHG-TV 7	Quincy- Hannibai	
Huntsville	WHNT-TV 19 †WHIQ 25		KOGO·TV †KPBS·TV	10	Pensacola Pensacola	tWSRE 23	Rockford	WREX-TV 13 WTV0 17
Louisville	WAAY-TV 31 TWGIQ 43	San Francisco	KCST KRON-TV	39	Mobile	(turn page) WEAR-TV 3	Rock Island Springfield	WHBF-TV 4 WICS 20
Mobile .	WKRG-TV 5	Sall Flancisco	KPIX KGO-TV	5 7	St. Petersburg- Tampa	WTOG 44	Urbana-	WILL-TV 12
	WALA-TV 10 †WEIQ 42 WSFA-TV 12		†KQED KNEW-TV	9	Tallahassee Tallahassee-	tWFSU-TV II	Champaign	(WILL-17 12
Montgomery	WSFA-TV 12 WCOV-TV 20 †WAIQ 26		KNEW-TV KUDO	32 38	Thomasville Tampa	WCTV 6	INDI	ANA
	WAIQ 26	Son loca	KBHK-TV KNTV	44	Tampa-St. Petersburg	tWEDU 3	Bloomington	†WTIU 30
Mount Cheaha		San Jose	KGSC-TV KFAS-TV	36	r etersburg	WFLA-TV 8 WLCY-TV 10	Bloomington- Indianapolis	WTTV 4
State Park Selma	WCIQ 7 WSLA 8 WCFT-TV 33		†KTEH	48 54		WTVT 13	Elkhart- South Bend	WSJV 28
Tuscaloosa	WCFT-TV 33	San Luis Obispo	KSBY-TV	6	West Palm Beach	WEAT-TV 12	Evansville	WTVW 7
ALASH	(A	San Maten	+KCSM-TV	14				WFIE-TV 14 WEHT 25
Anchorage	KENI-TV 2	Santa Barbara Santa Maria Stockton	KEYT KCOY-TV	12		RGIA	Fort Wayne	WANE-TV 15
College	tKUAC-TV 9	Stockton-	KAJC-TV		Albany Athens	WALB-TV 10 †WGTV 8		WPTA 21 WKJG-TV 33
Fairbanks	KFAR-TV 2 KTVF II KINY-TV 8	Sacramento Tijuana-	KOVR		Atlanta	WGTV 8 WSB-TV 2 WAGA-TV 5	Indianapolis	WFBM-TV 6 WISH-TV 8
Juneau Sitka	KINY-TV 8 KIFW-TV 13	San Diego	XETV XEWT-TV	6		WOXI-TV II WTCG I7		WLWI 13 †WFYI 20
		Tulare	KMPH	26		†WETV 30 WRHK 46	1 -4	WURD 40
ARIZO		Visalia (Fresno)	KICU-TV	43	Augusta	WJBF 6	Lafayette Munice	WFLI-TV 18 WLBC-TV 49
Phoenix	KTVK 3 KPHO·TV 5				Chatsworth	WRDW-TV 12 †WCLP-TV 18	St. John South Bend	TWCAE 50
	KOOL-TV 10	COLOR	ADO		Cochran Columbus	†WDCO-TV 15	Terre Haute	WSBT-TV 22 WTW0 2
Phoenix-Mesa	KTAR-TV 121	Colo. Springs- Pueblo	KKTV		Columbus	WTVM 9	Vincennes	WTHI-TV (0 WVUT 22
Tueson	KVOA-TV 4		K B D O T V	13	_	WYEA 38	Vincennes	1 W V O 1 22
	KGUN-TV 9	Denver	KWGN-TV KHBC-TV	20	Dawson Macon	TWACS-TV 25 WMAZ-TV 13 WCWB-TV 41	101	VA
Тисѕоп			KOA-TV †KRMA-TV KLZ-TV	6	Pelham	WCWB-TV 41	Ames-Des Moines	WOI-TV 5
Nogales	KV00-TV 2		KLZ-TV KBTV	7 9	Savannah	TWABW-TV 14 WSAV-TV 3 WTOC-TV 11	Cedar Rapids - Waterloo	WMT.TV 2
Yuma	KBLU-TV 13	Durango Grand	KREZ-TV	8	Savannah.	WJCL 22	Davenport	KCRG-TV 9 WOC-TV 6 KRNT-TV 8
ARKANS	SAS	Junction Montrose	KREX-TV KREY-TV †KTSC	5	Pembroke	tWVAN-TV 9	Des Moines	KRNT-TV 8
El Dorado-	KTVE 10	Puchlo	TKTSC	8	Waycross Wrens	TWXGA-TV 8		KMEC-TV II WHO-TV I3
Monroe, La. Fayetteville	KTVE 10 KGTO-TV 36	Pueblo-Colo. Springs	KOAA-TV	5				KWIG-TV 63
Fort Smith	KGTO-TV 36 KFSA-TV 5 KAON 24 KFPW-TV 40	Sterling	KTVS	3	Hilo	WAII KPUA-TV 9	Dubuque Fort Dodge	KDUB-TV 40 KVFD-TV 21
Joneshoro		CONNEC	TICUT		11110	KHAW-TV 11 KHVO 13 KHON-TV 2 KHVH-TV 4	lowa City Mason City	†KIIN-TV 12 KGLO-TV 3
Little Rock	KARK-TV 4	Bridgeport Hartford	WEDW	49	Honolulu	KHON-TV 2	Sloux City	KTIV 4 KCAU-TV 9
	KATV 7	Harttord	WTIC-TV WHCT	18		KHON-TV 2 KHVH-TV 4 KGMB-TV 9 †KHET II		KMEG 14
		New Britain- Hartford	†WEDH			KIKU-IV 131	Waterloo- Cedar Rapids	KWWL-TV 7
CALIFOR		Hartford New Haven-	WHNB-TV		Wailuku	KUII-TV 20		
Bakersfield	KJTV 17 KERO-TV 2 KBAK TV 29	Hartford Norwich	WTNH-TV +WEDN	8 53	***************************************	KAII-TV 7	KAN	
Chico	KBAK TV 29 KHSL-TV 12	Waterbury	TWEDN WATR-TV	20		KMEB-TV 10	Ensign Garden City	KTVC 6 KGLD !!
Corona-Los Angeles	KBSC-TV 52 KECC-TV 9	DELAW	ARE		IDA	НО	Goodland	KUPK-TV 13 KLOE-TV 10
El Centro El Centro-	KECC-TV 9	Wilmington	TWHYY-TV	12	Boise	KBOI-TV 2	Great Bend Hays	KCKT 2 HAYS-TV 7
Mexicali Eureka	XHBC-TV 3 KIEM-TV 3	DISTRIC		i		TKAID 4 KTVB 7	Hutchinson-	†KPTS 8
Luitka	KVIQ-TV 61	COLUM			idaho Fails- Pocatello	KID-TV 3	Wichita Pittsburg-	KTVH 12
Fontana (Los	THEET 13	Washington	WRC-TV WTTG	5	Lewiston	KIFI-TV 8	Jonlin	KOAM-TV 7
Angeles Fresno	KLXA-TV 40 KMJ-TV 24		WMAL-TV	7	Moscow	KLEW-TV 3	Topeka	HKTWU II WIBW-TV 13
	KFSH-TV 30 KJEO 4			1	Pocatello Twin Falls	KTLE 6 KMVT !!	Wichita	KTSB 27 KARD.TV 3
Hanford	KAIL 53		WDCA-TV †WETA-TV	26				KAKE-TV 10
Los Angeles	KFTV 21 KNXT 2	FLORI	DΔ		ILLIN		KENTU	CKY
	KNBC 4 KTLA 5	Daytona Beach-		į	Aurora Carbondale	tWSIU-TV 8	Ashland	TWKAS 25
	KTLA 5 KABC-TV 7 KHJ-TV 9	Orlando	WESH-TV		Champaign	WCIA 31	Bowling Green	WBK0 13 †WKGB 53
	KCOP 18	Fort Myers	WINK-TV WBBH-TV	11	Chicago	WBBM-TV 2 WMAQ-TV 5	Covington Elizabethtown	WCVN 54
	tKCET 28	Fort Pierce-		- 1		WLS-TV 7	Hazard	*W // U A 25
Modesto	KMEX-TV 34 KLOC-TV 19	Vero Beach Gainesville	WTVX †WUFT	5		WGN-TV 9	Lexington	WLEX-TV 18
Monterey Oakland-San	KMST 46	Jacksonville	MCIB	20 4		WXXW 20 WCIU-TV 26		WKYT-TV 27 †WKLE 46
Francisco Palm Springs	KTVU 2 KMIR-TV 36		WIXT +WICT WFGA-TV	12		WFLD-TV 321	Louisville	TWKLE 46 WBLG-TV 62 WAVE-TV 3
	KMIR-TV 36 KPLM-TV 42		WJKS-TV	17	Decatur	WSNS-TV 44 WAND 17		WHAS-TV II

WHI	TE'S	Location	C.L. Chan.	Location	C.L. Chan	Location	C.L. Chan.	
	200	Lansing Marquette	WIIM-TV 6 WLUC-TV 6	Hayes Center Hay Springs	KHPL-TV KDUH-TV		CAROLINA	
للتحكثال		Mt. Pleasant Onondaga-	TWCMU-TV 14	Kearney- Holdrege	KHOL-TV I	Asheville	WUNF-TV 33	
ПС	\@	East Lansing Saginaw-	†WMSB 10	Lexington Lincoln	†KLNE-TV KOLN-TV I	Chapel Hill	†WUNC-TV 4 WBTV 3 WSCC-TV 9	
		Bay City Sault Ste.	WKNX-TV 25	2.1100111	KALR 4	5	WSCC-TV 9 WCCB-TV 18	
Location	C.L. Chan.	Marie Traverse City	WWUP-TV 10 WPBN-TV 7	McCook- Oberlin	комс	3	WRET-TV 36	
Locarion		University Ctr.	WGTU 29	Merriman Norfolk	KRNE-TV I	9 Concord	†WUND-TV 2 †WUNG-TV 58	
	WKPC-TV 15 WLKY-TV 32 WDRB-TV 41	(Bay City)	WUCM-TV 19	North Piatte	KNOP-TV †KPNE-TV	2 Durham 3 Durham-	WRDU-TV 28	
Madisonville	†WKMJ 68 †WKMA 35	MINNI	-	Omaha	WOW-TV	3 Raleigh 5 Greensboro	WTVD II WFMY-TV 2 WUBC 46	
Morehead Murray	†WKMR 38 †WKMU 21	Appleton Alexandria	†KWCM-TV 10 KCMT 7		KETV †KYNE-TV 2		WNCT-TV 9	
Quenton Paducah	WPSD-TV 6	Austin Duluth	KAUS-TV 6 WDIO-TV 10	Scottsbluff - Gering	KSTFI		WUNK-TV 25 WHKY-TV 14	
Pikeville	WDXR-TV 29 †WKPI 22	Duluth- Superior	KDAL-TV 3	Superior		Greensboro	&	
Somerset	fWKS0 29	Hibbing	WDSM-TV 6	NEV Etko	ADA	Winston- Salem Jaksonville	WGHP-TV 8 WLNS-TV 19	
LOUIS Alexandria	KALB-TV 5	Mankato Minneapolis	WIRT 13 KEYC.TV 12	Henderson Las Vegas		Linville New Bern	WLNS-TV 19 †WUNE-TV 17 WCTI-TV 12	
Baton Rouge	WBRZ 2 WAFB-TV 9	St. Paul	WCCO-TV 4 KMSP-TV 9	Las Voyas		Raleigh	WJHF 22	
Lafayette	KATC 3 KLFY-TV 10		WTCN-TV II KTMA-TV 23	Reno	KCRL-TV	Durham Washington	WRAL-TV 5 WITN-TV 7	į.
Lafayette- New Iberia	KLNI-TV 15	Rochester	KROC-TV 10 KCRT-TV 22		KOLO-TV	Wilmington	WWAY 3 WECT 6	
Lake Charles Monroe-	KPLC-TV 7	St. Paul St. Paul-	†KTCI-TV 17	NEW HA	MPSHIRE	Winston-Salem	WUNJ-TV 39	
W. Monroe New Orleans	KNOE-TV 8 WWL-TV 4	Minneapolls	†KTCA-TV 2 KSTP-TV 5	Berlin Durham	TWEDB-TV 4	n Winston-Saler	n• &	
	WDSU-TV 6	Walker	WGTC 29 KNMT 12	Hanover Keene	TWENH I	2		
	WVUE 8 WWOM-TV 26	MISSI		Lebanon Littleton	WRLH 3		I DAKOTA KFYR-TV 5	
Shreveport	KTBS-TV 3 KSLA-TV 12	Biloxi	TWMAH 19	Manchester	WMUR-TV	Bismarck Devils Lake	KFYR-TV 5 KXMB-TV 12 WDAZ-TV 8	
Shreveport- Texarkana	KTAL-TV 6	Bude Columbus	WCBI-TV 4	NEW .	JERSEY	Dickinson Fargo	KDIX-TV 2 WDAY-TV 6	
West Monroe	KYAY 39	Greenwood Greenwood- Greenville	†WMAO 23 WABG-TV 6	Atlantic City	WOND-TV 5	Farma Crand	THE IS	
MA! Augusta	TWCBB 10	Jackson	WABG-TV 6 WLBT 3 WJTV 12	Newark New Brunswick	WWRO 6	Forks	KTH1-TV (1 KMOT 10	
Bangor	WLBZ-TV 2 WABI-TV 5		WAPT 16	New York-Newai Trenton Wildwood	WNET I WNET I WNJT 5	2 Bambina	KXMC-TV 13 KCND-TV 12	
Calais	WEMT 7	Laurel- Hattiesburg	WDAM-TV 7			Valley City (Fargo)	KXJB-TV 8	
Orono Poland Spring	WMEB-TV 12 WMTW-TV 8	Meridian	WTOK-TV II †WMAW I4	Albuquerque	MEXICO KOB-TV	Williston 4	KÜMV-TV 8 KXMD-TV 11	
Portland	WCSH-TV 6	Senatobia State College	TWMAV 22	7 manquer que	TKNME-TV	5 I	НЮ	
		State Concye	TWMAB 2		KOAT-TV	71	סוחי	
Presque Iste	WAGM-TV 8	Tupelo	WTWV 9	Carlsbad	KGGM-TV I	3 Akron	WAKR-TV 23	
	WAGM-TV 8	Tupelo MISS		Carlsbad Clovis Roswell	KGGM-TV I KAVE-TV KFDW-TV I KSWS-TV	Akron Athens Blowling		
MARY	WAGM-TV 10	MISS Cape Girardeau	OURI	Clovis	KGGM-TV I KAVE-TV KFDW-TV I	Akron Athens Bowling Green Canton	WAKR-TV 23 WCOT 55 †WOUB-TV 20 †WBGU-TV 70 WJAN 17	
MARY	WAGM-TV 10	MISS Cape Girardean Columbia		Clovis Roswell	KGGM-TV I KAVE-TV KFDW-TV I KSWS-TV KBIM-TV I	Athens Bowling Green Canton Cincinnati	WAKR-TV 23 WCOT 55 †WOUB-TV 20 †WBGU-TV 70 WJAN 17 WLWT 5 WCPO-TV 9	
MARY	WAGM-TV 8 IWMEM-TV 10 LAND WMAR-TV 2 WBAL-TV 11 WJZ-TV 13 WMET-TV 24 WBFF 45	MISS Cape Girardeau	KFVS-TV 12 KOMU-TV 8 KCBJ-TV 17	Clovis Roswell NEW Albany Albany-Troy-	KGGM-TV I KAVE-TV KFDW-TV I KSWS-TV KBIM-TV I YORK WTEN I	Akron Athens Bowling Green Canton Cincinnati	WAKR-TV 23 WCOT 55 †WOUB-TV 20 †WBGU-TV 70 WJAN 17	
MARY Baltimore Hagerstown	WAGM-TV 8 1 WMEM-TV 10 LAND WMAR-TV 2 WBAL-TV 11 WJZ-TV 13 WMET-TV 24 WBFF 45 WPOB 54 1 WMER 67	MISS Cape Girardeau Columbia Hannihal Quincy Jefferson City Joplin	KFVS-TV 12 KOMU-TV 8 KCBJ-TV 17 KHQA-TV 7 KRGC 13 KODE-TV 12 KUHI-TV 16	Clovis Roswell NEW Albany	KGGM-TV I KAVE-TV KFDW-TV I KSWS-TV KBIM-TV I YORK WTEN I WAST I WNBF-TV I	Akron Athens Bowling Green Canton Cincinnati O Cincinnati	WAKR-TV 23 +WOUT 55 +WOUB-TV 20 +WBGU-TV 70 WIAN 17 WLWT 5 WCPO-TV 9 WKRC-TV 12 +WCET 48 WXIX-TV 19	
MARY! Baltimore	WAGM-TV 8 †WMEM-TV 10 LAND WMAR-TV 2 WBAL-TV 11 WJZ-TV 13 WMET-TV 24 WBFF 45 WPOB 54	MISS Cape Girardean Columbia Hannihal- Quincy Jefferson City	KFVS-TV 12 KOMU-TV 8 KCBJ-TV 17 KHQA-TV 7 KHQA-TV 12 KUHI-TV 16 WDAF-TV 4 KCMO-TV 5	Clovis Roswell NEW Albany Albany-Troy- Schenectady	KGGM-TV I KAVE-TV KFDW-TV I KSWS-TV I KBIM-TV I YORK WAST I WNBF-TV I WBJA-TV I WBJA-TV I	Akron Akron Athens Bowling Green Canton Canton O Cincinnati Newport Cleveland	WAKR-TV 23 WOOT 55 †WOUB-TV 20 †WBGU-TV 70 WIAN 17 WLWT 5 WCPO-TV 9 WKRC-TV 12 †WCET 48 WXIX-TV 19 WKYC-TV 3 WKYC-TV 3 WKYS 5	
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MARYI Baltimore Hagerstown Salishury MASSACI	WAGM-TV 16 LAND WMAR-TV 2 WBAL-TV 13 WM2-TV 13 WM2-TV 13 WM2-TV 13 WM2-TV 15 WM0-PB 64 WP0-PB 64 WH0-PB	MISS Cape Girardeau Columbia Hannihal Quincy Jefferson City Joplin Kansas City	KFVS-TV 12 KOMU-TV 8 KCBJ-TV 17 KHQA-TV 17 KHQA-TV 17 KHQA-TV 17 KWDAF-TV 14 KCMO-TV 5 KMBC-TV 19 KBMA-TV 11 KCIT-TV 30	Clovis Roswell NEW Albany Albany-Troy Schenectady Binghamton Buffato	KGGM-TV KFDW-TV KFDW-TV KSWS-TV KBIM-TV YORK WTEN WMSF-TV WBJA-TV 3 WMSA-TV 3 WMSA-TV 4 †WSKG 4 WGR-TV WGBN-TV WKBW-TV WKBW-TV	Akron Akron	WAKR-TV 23 +WOUD-TV 20 +WBGU-TV 20 WIAN 17 WLWT 5 WCP0-TV 9 WKRC-TV 12 +WCET 48 WXIX-TV 19 WKYC-TV 3 WFWS 5 WJW-TV 8 WVIZ-TV 25 WKF-TV 61 WLWC 4 WTV-TV 8	
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MARYI Baltimore Hagerstown Salishury MASSACI Adams Boston	WAGM-TV 16 WMAR-TV 10 WMAR-TV 2 WBAL-TV 13 WMET-TV 13 WMET-TV 13 WMET-TV 13 WMET-TV 13 WMOB 57 WHOG TV 16 WHOG TV 26 WHOG TV 28 HUSETTS WGDC 19 WGBH-TV 2 WHOH-TV 4 WHOH-TV 4 WHOH-TV 5	MISS Cape Girardeau Columbia Hannihal Quincy Jefferson City Joplin Kansas City Kirksville- Ottunwa Poplar Bluff	OURI KFVS-TV 12 KOMU-TV 8 KCBJ-TV 17 KH QA-TV 7 KH QA-TV 7 KH QA-TV 7 KH QA-TV 7 KH QA-TV 7 KH QA-TV 19 KH QA-TV 19 KM C-TV lovis Roswell NEW Albany Albany-Troy Schenectady Binghamton Buffato Carthage- Watertown Elmira Elmira	KGGM-TV KFDW-TV KFDW-TV KSWS-TV KSBM-TV YORK WTEN WNBF-TV WBJA-TV 3 WNBF-TV WGBN-TV WCBN-TV WHOPT WHOPT WHOPT WBU-TV WBU-TV WBU-TV WBU-TV WENY-TV	Akron Akron Akron Akron Akron Akron Akron Akron Akron Akron Akron Aren Aren Aren Aren Akron Akron Aren Aren Aren Aren Aren Akron Akron Aren Aren Aren Aren Aren Aren Aren Are	WAKR-TV 23		
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Hagerstown Salishury MASSACI Adams Boston Cambridge- Boston Cambridge- Boston	WAGM-TV 16 WMAR-TV 27 WBAL-TV 27 WBAL-TV 17 WBAL-TV 16 WBAL-TV 16 WBAL-TV 16 WBAL-TV 16 WBAL-TV 16 WBAL-TV 16 WBAL-TV 16 WBAL-TV 16 WBAL-TV 16 WBAL-TV 16 WBAL-TV 16 WBAL-TV 16 WBBL-TV 16 WBBL-TV 16 WBBL-TV 17 WBBL-TV 17 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18 WBBL-TV 18	MISS Cape Girardeau Columbia Hannihal Quincy Jefferson City Joplin Kansas City Kirksville- Ottunwa Poplar Bluff St. Joseph St. Louis	OURI KFVS-TV 12 KOMU-TV 8 KCBJ-TV 17 KHQA-TV 17 KHQA-TV 16 KODE-TV 19 KUBH-TV 16 WDAF-TV 4 KCMO-TV 5 KMBC-TV 9 KKBMA-TV 41 KCIT-TV 30 KPOB-TV 15 KTV0 3 KPOB-TV 15 KTV0 3 KPOB-TV 15 KTV1 2 KTV1 2 KTV1 2 KTV1 2 KTV1 2 KTV1 2 KTV1 17 KFUT-TV 10 KFUT-TV 11 KFUT-TV 11 KFUT-TV 11 KFUT-TV 11 KFUT-TV 11 KFUT-TV 11 KFUT-TV 11	Clovis Roswell NEW Albany Albany-Troy- Schenectady Binghamton Buffato Carthage- Watertown Elmira Elmira- Corning	KGGM-TV KFDW-TV KFDW-TV KFDW-TV KSWS-TV KBIM-TV YORK WAST WNBF-TV WBJA-TV 3 WNB-TV 4 WGR-TV WGBW-TV WBU-TV 2 WBBU-TV 4 WSWYE-TV WWNY-TV 3 WYSE-TV WYSE-TV WWNY-TV 3 WSYE-TV WCBS-TV WCBS-TV	Akron Akron	WAKR-TV 23 WOOT 55 WOOD 55 WOOT 55 WOOT 55 WOOT 55 WIAM 17 WLWT 5 WCPO-TV 9 WKRC-TV 12 1 WEWT 5 WEWT 5 WYST-TV 19 WKYC-TV 19 WWIN-TV 10 WOOSU-TV 10 WKEF 10 WHOD 2 WHIO-TV 7 WKEF 22 WKIR-TV 16 WIMA-TV 16	
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Salem	KVDO-TV 3	Jackson	WBBJ-TV 7	7		KAUZ	TV 6	Weston- Clarksburg	w	DTV	5
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	WLOS-TV 13	Odessa	KOSA-TV 7	7		† K1	PS 62	Christiansted	W. C.	svi	8

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.

Listing indicates stations on the air up to January 1, 1970.

kHz Wave Length	W.P. kHz Wave L	ength W.P. kHz	Wave Length W.P.	kHz Wave Length W	/.P.
540555.5	550-545.1	560-	-525.4	CHTK Prine Rpuert, B.C. 1.0	000d 250a
CBK Regina, Sask, CBEF Windsor, Ont. CBT Grand Falls, Nfld.	50.000 CHLN Trois-Rivie 50.000 CKPG Prince Geo	5.000n CHCM	Owen Sound, Ont. 1,000 Marystown, Nfld. 1,000d	CJLK Kirkland Lake, Ont. 5, CKCN Sept-lics, Que. 10.0	,000 000d 000n
-WINTER, 1971				1	103

WHITES	kHz Wave Length W.P.		. kHz Wave Length W.P.
RADIO	CKVM Ville-Marie, Que. 10.000d 1,000n CJOX Grand Bank, Nfid. 1,000	CJON St. John's, Nfld. 5,000	CKOC Hamilton, Ont. 10,000 CJTR Trois-Rivières, Que, 10,000d 1,000 CKX Brandon, Man. 10,000d
LOG	730—410.7	940-319.0 CBM Montreal, Que. 50.00 CJGX Yorkton, Sask. 10.00	1,000π
	CHIR Leamington, Ont. 250n CJNR Blind River, Ont. 1.000 CKAC Montreal, Que. 50,000	CJIB Vernon, B.C. 10.000	
kHz Wave Length W.P. 570—526.0	CKDM Dauphin, Man. 10,000d 5,000n CKGA Gander, Nfld. 1,000 CKLG North Vancouver, B.C.	950-315.6 CFAM Altona, Man. 10,00 CKBB Barrie, Ont. 10,000	1190-252.0 CFSL Weyburn, Sask. 10,000d
CFCB Corner Brook Nfld. 1,000 CJEM Edmundston, N.B. 5,000d 1,000n	10,000	CKNB Campbellton, N.B. 10,000	5,000n
CKCQ Quesnel B.C. 1,000 CKEK Cranbrook B.C. 1,000 CFWH Whitehorse, Y.T. 1,000	740—405.2 CBL Toronto, Ont. 50,000 CBNM Marystown, Nfld. 10,000 CBX Edmonton, Alta. 50,000	CHER Sydney. N.S. 10.00	1200—249.9 CFFB Frobisher Bay, N.W.T. 250
580—516.9		960—312.3 CFAC Calgary, Alta. 10.00 CHNS Halifax, N.S. 10.00	
CFRA Ottawa, Ont. 50,000d 10,000n CHLC Hauterive, Que. 50°0d	790—379.5 CFDR Dartmouth, N.S. 5.000 CFCW Camrose, Alta. 10.000	CHNS Halifax, N.S. 10,000 CKWS Kingston, Ont. 10,000 5,000	CJOC Lethbridge, Alta. 10,000d
CHLC Hauterive, Que. 5 0°0d 2,500n CJFX Antigonish, N.S. 10,000 CKAP Kapuskasing, Ont. 1,0°0 CKPR Thunder Bay, Ont. 5,000d	CFCW Camrose, Alta. 10,000 CKMR Newcastle, N.B. 1,000 CKSO Sudbury, Ont. 10,000 5,000n	970—309.1	CJRL Kenora, Ont. 1,0 0 CKDA Victoria, B.C. 25,000
1.000n l	CHIC Brampton, Ont. 1,000d 500n	CKCH Hull, Que. 5,00 CBZ Fredericton, N.B. 10,00 CJYR Edson, Alta. 10,00	CKSM Shawinigan, Que. 10,000d
CKUA Edmonton, Alta. 10,000 CKWW Windsor, Ont. 500 CKXR Salmon Arm, B.C. 1,000 CKY Winnipeg, Man. 50,000	800—374.8 CFOB Fort Frances, Ont. 1,000d	980—305.9	1230-243.8
590—508.2	CFOB Fort Frances, Ont. 1,000d 500n CHAB Moose Jaw, Sask. 10,000d 5,000n	CBV Quenec, Que. 5.00 CFPL London, Ontario 10,000 5.000	CFBV Smithers, B.C. 1,0 00 250n
CFAR Flin Flon, Man. 10,000d 1,000d	CHRC Quebec, Que. 50,000 CJAD Montreal, Que. 50,000 10,000n	CHEX Peterborough, Ont. 10,000 5,000 CKGM Montreal, Que. 10,00 CKNW New Westminster, B.C. 50,00	
CKEY Toronto, Ont. 10,000 CKEY Toronto, Ont. 10,000 CKES Jonquiere, Que. 1,000 CFTK Terrace, B.C. 1,000	CJBQ Belleville, Ont. 1,0°0 CJLX Thunder Bay, Ont, 10,0°0d 5.000n	CKRM Regina, Sask. 10,000	
VOCH St. John's Mild. 10,000	CKOK Penticton, B.C. 10,000d 500n CKLW Windsor, Ont. 50.000	990—302.8	1.00d
600—499.7 CBNA St. Anthony, Nfid. 10,000 CFCF Montreal, Que. 5 000 CFCH Callander, Ont. 10,000d	VOWR St. John's, Nfld. 1,000	CBY Winnipeg, Man. 50.00 CBY Corner Brook, Nfld. 10,00	CKLD Thetford Mines, Que. 1,0001
	810-370.2 CHQR Calgary, Alta. 10,000	1000-299.8 CKBW Bridegwater, N.S. 10,00	250n CKMP Midland, Ont. 1,000d 250n
CFQC Saskatoon, Sask. 5,000 CJOR Vancouver, B.C. 10,000 CKCL Truro, N.S. 1,000	850-352.7 CJJC Langley, B.C. 1,000	1010-296.9	CKTK Kitimat, B.C. 1,000d
610—491.7	CKRD Red Deer, Alta. 10,000 1,000 CKVL Verdun, Que. 50,000d	CBR Calgary, Alta. 50,000 CFRB Toronto, Ont. 50,000	VOAR St. John's, Mild. 100
CHNC New Carlisle, Que, 10,000d 5,000n CHTM Thompson, Man. 1,000	10,000n 860—348.6	1050-285.5 CFGP Grande Prairie, Alta.	1240—241.8 CFLM La Tuque, Que, 1.000d
CIAT Trail, B.C. 1,000 CKML Mount Laurier, Que, 1,000 CKRW Whitehorse, Y.T 1,000 CKYL Peace River, Alta. 10 000d	CBH Halifax, N.S. 10,000 CEPR Prince Rupert, B.C. 10,000	CHUM Toronto, Ont. 50,000 CJIC Sault Ste. Marie, Ont.	CFUS Levis, Que. 250 CFUR Abbetsford, B.C. 1.000d 250n
CKTB St. Catharines, Ont. 10,000d 5,000n	CHAK Inuvik, N.W.T. 1,000 CJBC Toronto, Ont. 50,000	10,000 2,500 CJNB North Battleford, Sask.	CJAF Cabano, Que. 250 CJAV Port Alberni, B.C. 1.000d 250n
	900—333.1 CFBR Sudbury, Ont. 10.000	CKSB St. Boniface. Man. 10.00	CJMD Chibougamau, Que. 1,000d
CFCL Timmins, Ont. 10,000d 5,000n CKCK Regina, Sask. 5,000	CHML Hamilton, Ont. 5.000 CHNO Sudbury, Ont. 10,00°d	1060—282.8 CFCN Calgary, Alta. 50,00	CJRW Summerside, P.E.I. 250 CJWA Wawa, Ont. 1,000d
CKCK Regina, Sask. 5,000 CKCM Grand Falls, Nfid. 10,000 630—475.9	CJBR Rimouski Que, 10,000 CJVI Victoria, B.C. 10,000 CKBI Prince Albert, Sask, 10,000	10,00 T070—280,2	CKBS St. Hyacinthe, Que. 250 CKLS La Sarre, Que. 1,000d
CFCO Chatham, Ont. 10,000d	CKDH Amberst N.S. 1,000g	CBA Moncton, N.B. 50,00 CFAX Victoria, B.C. 10,00	250n
CFCY Charlottetown, P.E.I. 10.000 CHED Edmonton. Alta. 10.000 CHLT Sherbrooke, Que. 10.000d	CKJL St. Jórome, Que. 1,000 CKTS Sherbrooke, Que. 10.000 CKVD Val D'Or, Que. 10.000d	1080—277.6	1250-239.9 CBOF Ottawa, Ont. 10.000
CJET Smiths Falls, Ont. 10,000 CKAR Huntsville, Ont. 1.000	910—329.5	CKSA Lloydminster. Alta. 10,00	CHWO Oskvilla Ont 1 000
CKOV Kelowna, B.C. 5,000d 1,000n CKRC Winnipeg, Man. 10,000	CFJC Kamloops, B.C. 10,000d	1090275.1 CHEC Lethbridge, Alts. 5,000	CKJD Sarnia, Ont. 5.000n
640-468.5	CFSX Stephenville, Nfd. 500 CHRL Roberval, Que. 1.000 CJDV Drumheller, Alta, 5.000	CHRS St. Jean. Que. 10,000	1260—238.0
CBN St. john's Nfld. 10,000 680—440.9	CKLY Lindsay, Ont. 1,000	1110—272.6 CBD Saint John, N.B. 10.00 CFML Cornwall, Ont. 1,000	
CHFA Edmonton, Alta. 5.000 CHFI Toronto, Ont. 2.500d	920-326.9 CFRY Portage La Prairie, Man.	CFTJ Galt, Ont. 2500 CHOT Edmonton, Alta. 10,000	CFGT Alma, Que. 1,000 CHAT Medicine Hat, Alberta
CJCN Grand Falls, Nfld. 10,000 CJOB Winnipeg, Man. 10,000d	CJCH Halifax, N.S. 10,000d 5,000n CJCJ Woodstock, N.B. 1,000	1130-265.3 CKWX Vancouver, B.C. 50,000	CHWK Chilliwack, B.C. 10,000 CJCB Sydney, N.S. 10,000
CKGB Timmins, Ont. 2.500n 10,000	CKCY Sault Ste. Marie, Ont. 10.000d 5.000n	1140—263.0	1280—234.2 CHAM Hamilton, Ont. 10.000
690—439.5 CBF Montreal, Que, 50.000	CKNX Wingham, Ont. 10.000d 1,000n CKWL Williams Lake, B.C. 1,000	CBI Sydney, N.S. 10,000 CKXL Calgary, Alta. 10,000	CHQB Powell River, B.C. 1 00 CJMS Montreal, Que. 50,000 CJSL Estevan, Sask. 1,000
710—422.3	930—322.4	1150-260.7 CHSJ Saint John, N.B. 10,000	CKCV Quebec, Que. 10 0004 5.000n
CHYR Leamington, Ont. 10,000d	CFBC Saint John, N.B. 10.000d 5.000n CJCA Edmonton, Alberta. 10,000d	CJRC Ottawa, Ont. 5,000	1290-2324

COMMUNICATIONS VAY.

104

kHz Wave Length W.P.	kHz Wave Length W.P.	kHz Wave Length W.P.	kHz Wave Length W.P.
1300-230.6	1350222.1	CJVR Melfort, Sask. 10,000 CKDY Digby, N.S. 1,000	CJSN Shaunavon, Sask. 1,000d
CBAF Moneton, N.B. 5,000 CJME Regina, Sask. 1,000	CIDC Dawson Creek, B.C. 1.000	CKPT Peterborough. Ont. 5.000	CKBM Montmagny, Que. 1,000d
	CJLM Joilette, Que. 1,000 CKAD Middleton, N.S. 1,000	1430—209.7	CKEN Kentville, N.S. 1,000d
1310-228.9 CFGM Richmond Hill, Ont.	CKLB Oshawa, Ont. 10,000d 5,000n	CKFH Toronto, Ont. 50,000	CFJR Brockville, Ont. 1,000d
CHBG La Pocatiere, Que. 10,000d	1360-220.4	1440—208.2	CFWB Campbell River, B.C.
CKOY Ottawa, Ont. 50,000	CKBC Bathurst, N.B. 10,000	CFCP Courtenay, B.C. 1,000 CKPM Ottawa, Ont. 10,000	CHEF Granby, Que. 1,000d
	1370—218.8	1450-206.8	1500-199.9
1320—227.1 CHQM Vancouver, B.C. 50,000	CFLV Valleyfield, Que. 10,000d	CBG Gander, Nftd. 250 CHRT St. Eleuthere, Que, 250	CKAY Ducan, B.C. 1,000
CJSO Sorel. Que. 10,000d 5,000n	5,000n	CFAB Windsor, N.S. 250 CFJR Brockville, Ont. 1,000d	1510—199.1
CKEC New Glasgow, N.S. 5,000 CKKW Kitchener, Ont. 1,000	1300-217.3	CHUC Cobourg, Ont. 250n	CJRS Sherbrooke, Que. 10.000
	CKLC Kingston, Ont. 10,000d 5,000n	CJBM Causapseal, Qué. 1,000d	CKOT Tillsonburg, Ont. 1.000
1330—225.4 CKKR Rosetown, Sask. 10,000	CKPC Brantford, Ont. 10,000	CKYR Jasper, Alta. 100	1540—195.0
	1390—215.7	1460—205.4	CHIN Toronto, Ont. 50,000
1340—223.7	CHOO Ajax. Ont. 10,000	CJOY Guelph, Ont. 10,000d 5,000n	1550—193.5
CKGF Grand Forks, B.C. 1,000d	1,000	CKRB Ville St. Georges, Que. 10,000d	CBE Windsor, Ont. 10,000
CKGN Ste-Anne-des-Monts, Que.	1400—214.2	5,000n	1560—192.3
1,000d 250n CFKC Creston, B.C. 250	CJFP Rivière du Loup, Que.	1470-204.0 CFOX Pointo Claire, Que. 10,000d	CFRS Simcoe, Ont. 250d
CFLH Hearst, Ont. 100	10,000d 250n	CFRW Winnings Man. 5,000n	1570—191.1
CFYK Yellowknife, N.W.T. 1,000 CHAD Amos, Que. 1,000d 250n		CHOW Welland, Ont. 1,000d	CFOR Orillia, Ont. 10,000d
CJLS Yarmouth, N.S. 250 CFOM Ville Vanier, Que. 250	CKSW Swift Current, Sask. 1,000d 250n	1480-202.6	CHLO St. Thomas, Ont. 10,000 CHUB Nanaimo, B.C. 10,000
CKAR-I Parry Sound, Ont. 250	1410—212.6	CHRD Drummondville, Que. 10,000	CKLM Montreat. Que. 50.000
250nl	CFMB Montreal, Que. 10,000 CKSL London, Ont. 10,000	1490—201.2	1580—189.2
CKNR Elliott Lake, Ont. 250	CKVN Vancouver, B.C. 50,000	CFMR Fort Simpson, N.W.T. 25	CBJ Chicoutimi, Que. 10,000
CKOX Woodstock, Ont. 1,000d	TARREST TO STATE OF THE STATE O	CHTM Kitchener, Unt. 10,000d	1600—187.5
250nl	CJMT Chicoutimi, Que, 1,000	5,000n l	CJRN Niagara Falls. Ont. 10,000

Canadian AM Stations by Location

			- animalian		010	HOIIS BY E	ocui	OII			
Location	Call	kHz	Location	Call	kHz	Location	Call	kHz	Location	Call	kHz
Abbotsford, B.C. Ajax, Ont. Alma, Que.	CHOO	1240 1390 1270	Edmonton, Alta.	CBX CFRN CHED	740 1260 630	Kenora, Ont. Kentville, N.S. Kingston, Ont.	CJRL CKEN CFRC	1220 1490 1490	North Battleford. Sask, North Vancouver.	CINB	1050
Altona, Man. Amherst, N.S.	CKAM	950 900		CHEA	630 680	Kirkland Lake, Ont.	CKLC			CKLG	730 1250
Antigonsh, N.S. Barrie, Ont	CLEX	1340 580 950		CKUA	930 580	Kitchener, Ont.	CHYM CKKW	560 1490	Orillia, Ont. Oshawa, Ont.	CFOR	1570 1350
Bathhurst, N.B. Belleville, Ont,	CKBC	1360	Edson, Alta, Elllott Lake, Ont.		570 970 1340	Kitimat, B.C.	CKTK	1230	Ottawa, Ont.	CBO	910 1250
Blind River, Ont.	CHIC	730 790 1150	Flin Flon, Man.	CFAR	1280 590	Langley, B.C.	CLIC	850 1310	B.C. Ont. Orille, Ont. Orillia, Ont. Oshawa, Ont. Osoyoos, B.C. Ottawa, Ont.	CFRA	580
Brantford. Ont. Bridgewater, N.S. Brockville, Ont.		1380 1000	Fort Nelson, B. C.	CFNL	800 590	La Sarre, Que. La Tuque, Que. Leamington, Ont.	CHIR	7301	Owen Sound Ont	CEOS	1310 1440 560
Burns Lake, B.C.	CFJR CFLD CJAF	1450	N.W.T. Fort St. John. B.C.	CEME	1490 560	Lethbridge, Alberta	CHYR	710 1090	Parry Sound, Ont. C Peace River, Alta.	KAR-I CKYL	1340
Calgary, Alta,	CBR CFAC CFCN	1240 1010 960	Fredericton, N.B. Frobisher Bay,	CBZ CFNB	970 550	Levis, Que. Lindsay, Ont. Lloydminster, Alta,	CJOC CFLS CKLY	12401	Pembroke, Ont. Penticton, B.C. Peterborough, Ont.	CHOV	1350 800 980
	CFCN CFVP CHQR	1060 6030 810	Frobisher Bay, N.W.T. Galt. Ont. Gander, Nfld. Gander, Nfld. Granby, Que. Granby, Que.	CFFB	1200	Lloydminster, Alta, Londou, Ont.	CFPL	1080 980	Pointe Claire. Que.	CKPT	1420
Callander, Ont.	CKXL	1140	Gander, Nfid. Granby, Que.	CKGA	1450 730 1450	Marystown, Nfld	CKSL CRNM	1290 1410 740	Portage La Prairie, Man. Port Alberni, B.C.	CFRY	920 1240
Campbell River, B.C, Campbellton, N.B. Camrose, Alta,	CFWB CKNB CFCW	950 790	Grand Bank, Nfld.		710	Marystown, Nfld, Marystown, Nfld, Matane, Que,	CHCM	560 1250	Prince Albert, Sask.	CHQB	1280 900
Castlegar, B.C. Causanscal Que	CKOR	1230 1459		CKCM	620 680	Melfort, Sask. Middleton, N.S.	CIVR	1420	Prince George, B.C. Prince Rupert, B.C.	CFPR	550 860 560
Charlottetown, P.E.1 Chatham, Ont. Chibougamau, Que,	CFCO	630 630 1240		CKGF CFRG CFGR	710	Midland, Ontario Moneton, N.B.	CKMP	1230	Quehec, Que.	CHRC	980 800
Chicoutimi, Que,	CIMT	1580 1420	Guelph, Ont. Halifax, N.S.	CHNS CHNS CHNX	1230 1460 860	Mont Laurier, P.Q.	CKCW CKML	1220 610	Quesnel, B.C.	CKCA CKCA CIBB	1060 1280 570
Chilliwack, B.C. Churchill, Manitoba Cobourg, Ontario	CHWK	1270 1230 1450		CHNX	6130	Mont Laurier, P.Q. Montmagny, Quo Montreal, Que.	CBF	1490 690	Red Deer, Alta. Regina, Sask.	CKRD	850 540
Collingwood, Ont. Corner Brook, Nfld.	CKCB	1400	Hamilton, Ont.	CHAM	920 1280 900		CFCF CFMB	940 600 1410		CKCK CKRM	1300 620 980
Cornwall, Ont.	CFCB CFML CJSS	570 1110	Happy Vallley, Nfld.	CKOC	1150 1340 580		CJAD CJMS CKAC	800 1280	Revelstoke, B.C. Richmond Hill, Ont.	CKCR CFGM	1340 1310
Courtenay, B.C. Cranbrook, B.C.	CECP	1220 1440 5 7 0	Hauterive, Que. Hearst, Ont. Huntsville, Ont. Hull, Que.	CFLH	1340 630		CKLM	980	Riviòre du Loup, Que Roberval, Que,	CJBR CJFP CHRL	900 1400 910
Creston, B.C. Dartmouth, N.S. Daughin Man	CFEC	790	Inuvik, N.W.T.	CHAK	970 860 1090	Moose Jaw, Sask. Nanaimo, B.C. Nelson, B.C.	CHAB CHUB CKKC	800 1570 1390	Rosetown, Sask, Rouyn, Que.	CKKR	1330 1400
Dauphin, Man. Dawson Creek, B.C. Digby, N.S.	CKDY	1350 1420	Jasper, Alta. Jostiette, Que. Jonquiere, Que, Kamloops, B.C. Kapuskasing, Ont.	CKYR	1350	New Carlisle, Que, Newcastle, N.B.	CKMR	610 790	des Monts, Que. Ste-Anne-		1230
Delbeau, P.Q. Drumheller, Alta, Drummondville, Que.	CHVD CHRD	1230 910 1480	Jonquiere, Que, Kamloops, B.C. Kanuskasing, Ont.	CKRS CFJC CFLK	590 910 1230	New Glasgow, N.S. New Liskeard, Ont. New Westminster,	CKEC	1320 1230	des-Monts, Que. St. Anthony St. Boniface, Man.	CKGN CBNA CKSB	1340 600 1050
Dryden, Ont. can, B.C.	CKDR	300	Kelowna, B.C.	CKAP	580	B.C. Niagara Falls, Ont.	CKNW	980 1600	St. Catharines, Ont.	CHSC	1220
WINTER,	1971										105

WHITE	E' S		Location	Call	kHz	Location	Call	kHz	Location	Call	kHz
RAD Loc	ල []ල)	Saulte Ste. Marie, On Schefferville Sept-Iles, Que. Shaunavon, Sask. Shawinigan, Que. Sherbroke, Que	CKCY CBDR CKCN CJSN CKSM CKSM	1050 920 1230 560 1490 1220 630	Tillsonburg, Ont. Timmins, Ont. Toronto, Ont.	CKPR CKOT CFCL CKGB CBL CFRB CFRX	580 1510 620 680 740 1010 6070	Victoriaville, Que. Ville Marie, Que. Ville St. Georges, Que. Ville Vanier, Que.	CJVI CKDA CFDA CKVM	900 1220 1380 710 1460 1340
St. Eleuthere, Que. St. Hyacinthe, Que. St. Jérome, Que. St. John's, Nfid. St. Thomas, Ont. Saint John, N.B. Salmon Arm, B.C. Sarnia, Ont. Saskatoon, Sask.	G H RESLANDER COCKOCKOCKOCKOCKOCKOCKOCKOCKOCKOCKOCKOCK	1450 1240 900 640 930 6160 1230 590 800 1570	Stephenville, Nfld. Sudbury, Ont Summerside, P.E.1. Swift Current, Sask. Sydney, N.S. Terrace, B.C. Thetford Mines, Que, Thompson, Man. Thunder Bay, Ont.	CJRSS STANDARD COLOR COL	1510 900 1560 1230 1230 1220 1250 910 900 790 1240 14140 14140 150 1230 1230		CHIN CHUM CJBC CKEY CKFH CJAT	680 1550 860 590 1430 610 550 900 1370 690 1320 6080 730 1410 1130 6169 850 940	Wawa, Ont. Welland, Ont. Weyburn, Sask. Whitehorse, Y.T. Williams Lakes, B.C. Windsor, N.S. Windsor, Ont.	CJWA CHOWL CFWH CFKWL CFKWL CKWL CKWL CCKWW CFRW CKWNX CFRW CKWNX CFRW CKKY CKKY CKKY CKKY CKKY CKKY CKKY	1340 1470 1190 570 610 920 1450 540 800 920 920 9470 680 920 9470 680 9340 1340 1340 1340

	Ca	nadian	AM St	ati	ons	Ву	Call L	ette	ers		
Call Location	kHz	Call La	cation	kHz	Call	Lo	cation	kHz	Call	Location	kHz
Canadian Broadcasting Corporation Stations CBA Moneton, N.B. CBAF Moneton, N.B. CBAF Moneton, N.B. CBD Saint John, N.B. CBD Saint John, N.B. CBD Schefferville, Que. CBE Windsor, Ont. CBEF Windsor, Ont. CBEF Windsor, Ont. CBEF Windsor, Ont. CBG Gander, Nfd. CBH Halflax, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBI Sidney, N.S. CBM Montreal Que. CBN St. John's, Nfd. CBO Ottawa, Ont. CBN Calgary, Alta. CBT Grand Falls, Nfd. CBU Vaneouver, B.C. CBV Winipeg, Man. CBX Edmonton, Alta. CBY Corner Brook, Nfd. CBZ Fredericton, N.B. CFGR Happy Valley, Nfd. CEPY, Whitehorse, T. T. CFYK Whitehorse, T. T. CFOR Saint John, N.B. CFBR Sudbury, Ont. CFBR Sudbury, Ont. CFBR Sudbury, Ont. CFBR Sudbury, Ont. CFBR Sudbury, Ont. CFDR Dartmouth, N.S. CFGM Riehmond Hill, Ont. CFCC Tolamins, Ont. CFCC Tolamins, Ont. CFCC Tolamins, Ont. CFCL Timmins, Ont.	10700 13100 112310 12310 12310 112310	Call CFLV Valleyfie CFMB Montrea CFML Cornwal CFMB Fort Sign CFMB	cation id, Que, I, Que, I, Que, I, Que, I, Que, I, Que, I, Ont, I, On	### 1370 1410 1410 1550 1550 1570 1570 1580 1670 1580 1670 1580 1670 1580 1670 1580 1670 1580 1670 1580 1670 1580 1670 1580 1670 1580	C HTU HOLOMO HAND TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL THE TO	Prince of Thomps: Nanaim Cobourg, Toronto Dolbeau Cohillike Cohillike Cohillike Cabano, Trail, B Port All Causaps io at Rim Gobern Cabano, Trail, B Port All Causaps io at Rim Golden Cabano, Trail, B Rort All Causaps io at Rim Golden Cabano, Trail, B Rort All Causaps io at Rim Golden Cabano, Trail, B Causaps io at Rimousk Edmonto Sydney, Hallfax, Woodstot Grand F. Stratford, Dawson (Drumhell Edmond Dollette, Quarmouth Torkton, Vernon, Sault Ste. angley, Kirkland Joliette, Quebec, Cyarmouth Thunder Chibouti North Ba Blind Rim Winnipes Lethbrid London, St. John Vancouve Grand B. Grand B. St. John Vancouve Grand Sterbroot Stummers Sterbroot Stummers Sterbroot Stummers Sterbroot Stummers Sterbroot Stummers Sterbroot Stummers Sterbroot Stummers Sterbroot Wickerikand Victoria, Meifort, Wance Chillian Meifort, Wance Ch	cation Rupert, B.C. nn. Man. n, B.C. nn. Man. n, B.C. nont. T. Ont. T. Ont. T. Ont. T. Ont. Gue. C. C. C. C. C. C. C. C. C. C. C. C. C.	## x 560 6110 611 6120 611 6120 6120 6120 6120	C CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	Location Huntsville, Ont. - Parry Sound, Ont. Dunean, B.C. Barrie, Ont. Barrie, Ont. Bathurst, N.B. Bathurst, N.B. Bathurst, N.B. Bathurst, N.B. Bathurst, N.B. Bathurst, N.B. Bathurst, N.B. Bathurst, N.B. Bathurst, N.B. Bathurst, N.B. Bathurst, N.B. Barrie, Ont. Hull, Que. Regina, Sask. Truro, N.S. St. John's, Nfld. Sept-lles, Que. Quesnel, B.C. Salmon Arm, B.C. Quesnel, B.C. Salmon Arm, B.C. Quesnel, B.C. Moncton, N.B. Sault Ste. Marie, Ont. Victoria, B.C. Amherst, N.S. Dauphin, Man. Dryden, Ont. Thetford Mines, Que. Timmins, Ont. Westmount, Que. Matane, Que. Saint-Jerone, Que, Nelson, B.C. Kritchener, Ont. Oshawa, Ont. Kingston, Ont. Thetford Mines, Que. Timsins, Ont. Westmount, Que. Matane, Que. La Sarre, Que. Windsor, Ont. Thetford Mines, Que. Timsins, Ont. Kingston, Ont. Thetford Mines, Que. Vancouver, B.C. Montreal, Que. La Sarre, Que. Windsor, Ont. Hamilton, Ont. Penticton, B.C. Saskatoon, Sask. Ocynos, B.C. Tillsonburg, Ont. Hamilton, Ont. Penticton, B.C. Saskatoon, Sask. Ocynos, B.C. Tillsonburg, Ont. Hamilton, Ont. Penticton, B.C. Saskatoon, Sask. Ocynos, B.C. Tillsonburg, Ont. Brantford, Ont. Br	630 1340 950 950 960 91360 900 1490 91490 910 920 900 900 900 900 900 900 90
CFCL, Timmins, Ont. CFLM La Tuque, Que.	1230	CHSC Ct. Cath	du Loup, Que. arines, Ont. n. N.B.	1450 1220 1150	CKAC	Montreal Middleto	. Que. on, N.S.	730 1490	CKRC CKRD CKRM	Winnipeg, Man. Red Deer, Alta. Regina, Sask.	630 850
CFLS Levis, Que.	1240	CHSM Altona,	Man,	250	CKAP	Kapuska	ising, Ont.	580			
100									Com	MUNICATIONS	

Call	Location	мнх	Call	Location	MHz	Call	Location	MHz	Call	Location	MHz
CKSA CKSB CKSL CKSM CKSO	Jonquière, Que. Lloydminster, Alta. Saint-Boniface, Man. London, Ont. Shawinigan, Que. Sudbury, Ont. Swift Current, Sask.	1080 1050 1410 1220 790	CKTK CKTS CKUA CKVD	St. Catharines, Ont. Kitimat, B.C. Sherbrooke, Que. Edmonton, Alta. Val-d'Or, Que. Verdun, Que. Ville-Marie, Que.	900 580 900 850	CKWL CKWS CKWW CKWX	Vancouver, B.C. Williams Lake, B.C. Kingston, Ont. Vindsor, Ont. Vancouver, B.C. Irandon, Man. Calgary, Alta.	960 580 1130	CKYL CKYL CKYR VOAR VOCM	Salmon Arm, B.C. Winnipeg, Man. Peaco River, Alta. Jasper, Alta. St. John's, Nfld. St. John's, Nfld. St. John's, Nfld.	580 580 610 1450 1230 590 800

Canadian FM Stations by Location

Location	Call	kHz	Location	Call	kHz	Location	Call	kHz	Location	Call	kHz
Belleville, Ont.	CJBQ-FM	97.1		CHYM-FM	96.7		CHEX-FM	101.5		CKPR-FM	94.3
Brampton, Ont.	CHIC-FM	102.1	La Pocatière, Qu	e.		Quebec, P.Q.	CHRC-FM	98.1	Tillsonburg, Ont.	CKOT-FM	100.5
Brandon, Man.	CKX-FM	96.1		CHGB-FM	102.9	Red Deer, Albert	a		Timmins, Ont.	CKGB-FM	94.5
Brantford, Ont.	CKPC-FM	92.1	Laval, Que.	CFGL-FM			CKRD-FM	98.9	Toronto, Ont.	CBL-FM	94.1
Calgary, Alta,	CHFM-FM	95.9	Lethbridge, Albe	erta			CFMQ-FM	92.1		CHFI-FM	98.1
Clearwater, B.C				CHEC-FM	100.9					CHIN-FM	
	CFFM-FM-2			CFPL-FM	95.9		CBHM-FM				
Clinton, B.C.	CFFM-FM-4	106.5	Maniwaki, Que.	CBFL-FM	98.9	Rimouski, Que.	CJBR-FM			CJRT-FM	91.1
Cornwall, Ontar	O CJSS-FM		Merritt, B.C. (CFFM-FM-3	103.9	Saint John, N.B.	CFBC-FM	98.9		CKFM-FM	99.9
Edmonton, Alta.		100.3	Mount Timothy,			Saskatoon, Sask.				CJAT-FM	106.7
	CJCA-FM	99.5		CFFM-FM-5			CJUS-FM	89.7			
	CKUA-FM	98.1	Montreal, Que.	CBF-FM		Sault Ste. Marie,	Ont.		Vancouver, B.C.	CBU-FM	
Guelph, Ont,	CJOY-FM			CBM-FM	100.7		CJIC-FM			CBUF-FM	97.7
Hallfax, N.S.	CHFX-FM	96.1		CFQR-FM	92.5		CKCY-FM			CHQM-FM	103.5
Hamilton, Ont.	CKDS-FM	95.3		CJFM-FM			CFFM-FM			CKLG-FM	99.3
Hull, Que	CKCH-FM	94.9		CJMS-FM		Sherhrooke, Que.				CKVL-FM	96.9
Kamloops, B.C.	CFFM-FM	98.3	North Bay, Ont.	CKAT-FM	93.7	Smiths Falls, Ont	L. CJET-FM	101.1	Victoria, B.C.	CFMS-FM	98.5
Kelowna, B.C.	CJOV-FM	104.7	Oshawa, Ont.	CKQS-FM	94.9	St. Catharines, O	nt.		Westmount, Que.	CKGM-FM	97.7
Kentville, N.S.	CKWM-FM	97.7	Ottawa, Ont.	CBO-FM	103.3		CHSC-FM	105.7		CKLW-FM	93.9
Kingston, Ont.	CFRC-FM	91.9	Ottawa, Ont.	CFMO-FM	93.9		CKTB-FM	97.7		CKWW-FM	88.7
rempotoni one,	CKLC-FM	98.3		CKBY-FM		Sudbury, Ont.	CKSO-FM	92.7	Winnipeg, Man.	CBW-FM	98.3
	CKWS-FM		Dontiston D.C						Company of the Compan	CFRW-FM	94.3
VIA-h 0-4			Penticton, B.C.			Sydney, N.S.	CJCB-FM	94.9	l.	CJOB-FM	97.5
Kitchener, Ont,	CFCA-FM	105.3	Peterborough, O	nt.		Thunder Bay, On	τ.			CKY-FM	92.1

Canadian FM Stations By Call Letters

Call	Location	MHx	Call	Location	MHz	Call	Location	MHz	Call	Location	MHz
	anadian Broadcasting Corporation Stations			1-4 Clinton, B.C	ams	CHLT-FM	Toronto, Ont. Sherbrooke, Ont.	102.7	Ont.	Sault Ste. Marie,	104.3
	M Montreal, Que.	95.1		on CFFM-FM,			Halifax, N.S.	96.1	CKDS-FM	Hamilton, Ont.	95.3
	FM Maniwaki, Que.	98.9	Kamloop				Vancouver, B.C.	103.5	CKFM-FM	Toronto, Ont.	99.9
	FM Richibucto, N.B.			-5 Mount Time			Quebec, Que,	98.1	CKGB-FM	Timmins, Ont	94.5
CBL-F	M Toronto, Ont.	94.1		ebroadcasting the		CHSC-FM	St. Catharines. On		CKGM-FM	Westmount, Que.	
	M Montreal, Que.	100.7		f Station CFFM				105.7	CKLC-FM	Kingston, Ont.	98.3
	M Ottawa, Ont.	103.3	FM-4.	Clinton, B.C.			Toronto, Ont.	104.5	CKLG-FM	Vancouver, B.C.	99.3
	M Vancouver, B.C.			Laval, Que.			Kitchener, Ont.	96.7	CKLW-FM	Windsor, Ont.	93.9
CBUF-	FM Vancouver, B.C.			Saskatoon, Sa			Trail, B.C.	106.7	CKOK-FM	Pentieton, B.C.	97.1
	M Winnipeg, Man.			Ottawa, Ont.	93.9	CJET-FM	Smiths Falls, Ont.	101.1	CKOT-FM	Tilisonburg, Ont.	100.5
	ivately Owned Station			Regina, Sask.	92.1	CJBQ-FM	Belleville, Ont.	97.1	CKPC-FM	Brantford, Ont.	92.1
	FM Saint John, N.B.			Victoria, B.C.	98.5	CJBR-FM	Rimouski, Que.	101.5	CKPR-FM	Thunder Bay, Ont.	. 94.3
	M Kitchener, Ont.	105.3	CFPL-FM	London, Ont.			Edmonton, Alta.	99.5	CKQS.FM	Oshawa, Ont.	94.9
	FM Kamloops, B.C.	98.3	CFUR-FM	Montreal 15.	Que. 92.5	CJCB-FM	Sydney, N.S.	94.9	CKRD-EM	Reed Deer, Alta.	98.9
	FM-I Savona, B.C.		CFRC-FM	Kingston, Ont.	91.9		Montreal, Que.	95.9	CKSO EM	Sudbury, Ont.	92.7
	adeasting the programation CFFM-FM.	ms		Edmonton, Ait		CJIC-FM S	Sault Ste. Marie,			St. Catharines,	32.7
	oops, B.C.	101 0	CHEC EN	Winnipeg 2, M Lethbridge, Al	100.0	Ont.		100.5	0-4		97.7
	FM-2 Clearwater, B.	C 101.9					Montreal, Que,	94.3	CKIIA EM	Edmonton Alto	97.7
	adcasting the program		CHEX-FR	Petersborough,		CJOB-FM	Winnipeg, Man,	97.5	CKUA-FM	Edmonton, Alta.	98.1
	ation CFFM-FM.	1113			101.5		Kelowna, B.C.	1047	CKAT-LM	verdun, Que.	90.9
	oops. B.C.	92.7		Toronto, Ont.			Toronto, Ont.	1.18	CKWM-FN	I Kentville, N.S.	97.7
	FM-3 Merritt, B.C.,			i Calgary, Alta		CJSS-FM	Cornwall, Ont.			Kingston, Ont.	96.3
	adcasting the grogra		CHGB-FN	1 La Pocatière, (lue.	CJUS-FM	Saskatoon, Sask.	89.7	CKWW-F	Mindsor, Ont.	88.7
	ation CFFM-FM.				102.9		North Bay, Ont.	93.7	CKX-FM I	Brandon, Man.	1.69
	oops. B.C.	103.9	CHIC-FM	Brampton, Ont		CKCL-FM	Truso, N.S.	100.9	CKY-FM V	Vinnipeg, Man.	92.1

Canadian Television Stations by Cities

Location C.L. Chan.	Location C.L. C	han.	Location	C.L. Chan.	Location	C.L.	Chan.
Adams Hill, B.C. CFCR-TV-8 II Alticane, Sask. CKBI-TV-1 ID Antigonish, N.S. Argentia, Nidd. CJOX-TV 3 Ashcroft, B.C. CFCR-TV-2 ID Ashmont, Alta. CFRN-TV-4 12 Athabasca, Alta. CBWT-1 3 Baldy Mountain, Man. CKSS-TV 8 Baie St. Paul, P.Q. CKRT-TV-1 2 Baie Verte, Nidd. CBWAT-1 3 Bancroft, Ont. CBWAT-1 2 Banff, Alta. CFCN-TV-2 IS CKRD-TV-2 IS CKRD-TV-2 IS CKRD-TV-2 IS CKRD-TV-2 IS CKRD-TV-2 IS CKWR-TV-1 IS CKWR-TW-1 IS CKWR	Boss Mountain, B.C. CFCR-TV- Bonavista, Nfld. Boston Bar, B.C. CFCR-TV- Bow Island, Alta. CHAT-TV- Bowen Island, B.C. CBUT Brackendale, B.C. CHAN-TV- Brandon, Man. Brooks, Alta. CKX-T Bulthead Mountain, B.C. CJDC-TV. Burmis, Alta. CJLH-TV. CFCN-TV. CHAN-T Burnaby, B.C. CHAN-T Burns Lake, B.C. CFTK-TV. CFCN-TV. CFCN-TV. CFCN-TV. CJLH-TV. CFCN-TV. 7050 -21050 -4255	Canal Flats, B.C. Canning, N.S. Canoe, B.C. Canoe B.C. Canoe Mountain, Ne Valemont, B.C. Carlyle Lake, Sask. Cassiar, B.C. Castlegar, B.C. Causapseal, Que. Castlegar, B.C. Cousapseal, Que. Chapleau, Ont. Chapleau, Ont. Charlottetown, P.E. Cherryville, B.C. Chieoutimi, Que. Chilliwack, B.C. Chelliwack, B.C. Chelliwack, B.C. Chelliwack, B.C. Chelliwack, B.C.	CBUBT-I 12 CJCH-TV-I 10 CHBC-TV-8 3 ar FCR-TV-14 8 CHAU-TV 5 CBUAT-2 3 CKBL-TV-5 6 CHKC-TV-6 6 CHAU-TV-6 6	Clinton Creek, Y.T. Cloridorme, Que, Coleman, Alta, Corner Brook, Nfld Cornwall, Ont. Coronation, Alta, Colgate, Sask, Courtenay, B.C. Crambrook, B.C. Crambrook, B.C. Crawford Bay, B.C Cresent Valley, B. Creston, B.C. Dawson, Y.T. Dawson Creek, B.C. Deer Lake, Mdd	CBTE-TI CHAU-TI CJLH-TI CJCB-CB-CB-CKRD-TI CKCK-TI CBUC CBUC CCB-CB-CB-CB-CB-CB-CB-CB-CB-CB-CB-CB-CB-	V-2 8 V-8 6 V-1 12 IVT 50 TV 8 V-1 10 V-1 13 IVT 15 V-1 13 IVT 15 V-1 3 V-1 3 V-1 3 V-1 4 V-1 4 V-1 12 V-1 12	
Beardmere, Ont. CBLAT-5 9 Big River, Sask. CKBI-TV-5 9 Bon Accord, N.B. CHSJ-TV-1 6	CHCT-T	V 10	Churchill, Man. Churchill Falls, Nfld Clearwater, B.C. C	CHGH-TV 4 I, CBTC-TV 9 FCR-TV-10 2	Dryden, Ontario Eastend, Sask.	CFCN-T CHCT-T CBW CJFB-T	V-I 8

WHILES			
	Kitchener, Ont. CKCO-TV 13 Kokish, B.C. CFKB-TV-2 9	Nelson, B.C. CBUCT 9 Newcastle, N.B. CKAM-TV-I 9	Sherbrooke, Que. CHLT-TV 7 Sioux Lookout, Ont. CBWDT-1 12
R	Kokish, B.C. CFKB-TV-2 9 Kwinatahi, B.C. CKCC-TV-1 7	Newcastle Ridge, B.C.	Skaha Lake, Near
	Labrador City, Niid. Citt-IV 13	CFKB-TV-I 7	Penticton, B.C. CHBC-TV-7 10
	Lac du Bonnet, Man. CBWT-2 4	New Denver, B.C. CHSL-TV-1 6	Smitners, B.C. CFTK-TV-2 5
17(0)(吗。	Lao La Biche, Alta. CBXT-5 10	New Glasgow, N.S. CBCT-1 7	Snow Lake, Man. CBWKT 8 Sointula, B.C. CFKB-TV-4 5
	Lac La Biche, Alta. CFRN-TV-5 6	Nimpkish, B.C. CFNV-TV-2 6 Nipawin, Sask. CKB1-TV-4 2	Spences Bridge, B.C.
	Lake Louise, Alta. CFLL-TV-1 6	North Battleford, Sask.	CJNA-TV-1 3
Location C.L. Chan.	L'Anse a Valleau, Que.	CKBI-TV-2 7	Squamish, B.C. CBUT-5 II
	CHAU-TV-9 7	Ocean Falls, B.C. CFTK-TV-9 2	CHAN-TV-3 7
Edmonton, Alta. CBXFT-II II	La Ronge, Sask. CBTA-TV-2 12 La Tuque, Que. CBVT-2 3	Olalia, B.C. CHKC-TV-2 II	St. Alban's, Nfid. CBNT-4 9 CJCN-TV-1 13
CBXT 8	La Tuque, Que. CBVT-2 3 Lawn, Nfld. CJOX-TV-2 10	Oliver, B.C. CHBC-TV-3 8 Ottawa, Ont. CBOFT 9	St. Andrews, Nfld. CBYBT-1 6
Edmundston, N.B. CJBR-TV-1 13	Lawn, Nfld. CJOX-TV-2 10 Lethbridge, Alta. CFCN-TV-5 13	CBOT 4	St. Anthony, Nfld. CBTC-TV-1 12
Elliot Lake, Ont. CBFST-3 12	CJLH-TV 7	CJOH-TV 13	St. Georges de Beauce, Que.
CKS0-TV-1 3	Lillooet, B.C. CFCR-TV-1 11	Outardes, Que. CKHO-TV-4 7	CRVT-1 2
Elsa, Y.T. CBTE-TV-5 9	Liverpool, N.S. CBHT-1 12	Outardes 4, P.Q. CKHQ-TV-2 12	St. John's, Nfid. CBNT 8 St. John's, Nfid. CJON-TV 6
	Lloydminster, Alta. CKSA-TV 2 London, Ont. CFPL-TV 10	Parry Sound, Ont. CKVR-TV-1 11 Passmore, B.C. CHMS-TV-2 2	Ste. Marquerite-Marie. Que.
Falkland, B.C. CFWS-TV-1 5	London, Ont. CFPL-TV 10 Lookout Ridge, Near	Peace River, Alta. CBXAT-1 7	CHAU-TV-I 2
Fisher Branch, Man. CBWGT I	Chilliwack, B.C. CBUT-2 3	reachiand, B.C. CHPI-IV-I 5	St. Quentin, N.B. CHAU-TV-2 10
Flin Flon, Man. CBWBT 10	Lumby, B.C. CHID-TV-1 5	Pembroke, Ont. CHOV-TV 5	Ste. Rose du Dégelé, Que. CKRT-TV-2
Fort Frances, Ont. CBWCT 5	ILYNN Lake, Man. CBIA-IV 8	Penticton, B.C. CHBC-TV-1 13 Perce, Que. CHAU-TV-5 2	St. Urbain, Que. CKRT-TV-5 7
Fort Fraser, B.C. CKPG-TV-3	Mabel Lake, B.C. CHPP-TV-1 8 Magdalen Islands, Que.	Perrys, B.C. CHMS-TV-3 5	Stenhanvilla Nfld CDVT I 0
Fort MeMurry, Alta. CBTA-TV-3	CBFCT-1 12	Peterborough. Ont. CHEX-TV 12	Stranraer, Sask. CFQC-TV-1 3
Fort Nelson, B.C. CBTD-TV-1	Malakwa, B.C. CFFI-TV-I 5	Pine Point, N.W.T. CBTE-TV 4	Sturgeon Falls, Ont. CBFST 7
Fort Smith, N.W.T.	Malartic, Que. CFCL-TV-5 5	Pivot, Alta. CHAT-TV-1 4	Sudbury, Ont. CBFST-1 13 Sudbury, Ont. CKSO-TV 5
CBTE-TV-4 8	Manicouagan, Que.	Placentia, Nfld. CBNT-2 12 Port Alberni, B.C. CBUT-3 4	Sundre, Alta. CFJL-TV-1 7
Foxwarren, Man. CKX-TV-1 1 Gaspe, Que. CHAU-TV-6 10	CKHQ-TV-! 10 Manitouwadge, Ont. CBLAT-I 8	Port Alfred, Que. CKRS-TV-1 9	Swift Current, Sask. CJFB-TV 5
Gaspe, Que. CHAU-TV-6 (CGaspe West, Que. CFGW-TV-1 6	Manaina Atta ODVAT 2 10	Port Arthur, Ont. CKPR-TV 2	Sydney, N.S. CJCB-TV 4
(Decirol valse injuntain)	maple Greek, Sask.	Port Aux Basques, Nfld.	Temiscaming, Que. CBFST-2 12
Geraldton, Ont. CBLAT (3	SHAT-TV-2 10	CBYBT 3	Terrace, B.C. CFTK-TV 3
Gillam, Man. CBWLT 8		Port Daniel, Que. CHAU-TV-3 10 Port Hardy, B.C. CFKB-TV-3 3	The Pas, Man. CBWBT-1 7
Goose Bay, Nfld. CFLA-TV E Grand Bank, Nfld. CJOX-TV-1 (C	Marystown, Nfld. CBNT-3 5	Port Renfrew, B.C. CJTV-TV-I (1)	Thompson, Man. CBWTT 8
Grand Falls, Nfld. CBNAT II	Matagami, Que. CKRN-TV-4 7	Port Renfrew, B.C. CJTV-TV-1 [] Port Rexton, Nfld. CBNT-1 [3]	Thunder Bay, Ont. CKPR-TV-1 2
CICN-TV 4	Matane, Que. CKBL-TV 9	Potlatch Creek, B.C.	Timmins, Ont. CFCL-TV 6 CBFOT 9
Grand Forks, B.C. CBUAT-1 5	CKBL-TV-6 Meadow Lake, Sask.	CFZQ-TV-3 12	Toronto, Ont. CBLT 6
Grande Prairie, Alta. CBXAT 10 Grande Vallée, Que.	CKSA-TV-1 12	Prince Albert, Sask, CKBI-TV 5 Prince George, B.C. CKPG-TV 2	CFTO-TV 9
CKBL-TV-3 II	Medicine Hat. Alta CHAT.TV &	Prinecton, B.C. CHGP-TV-1 5	CICA 19
Grand Rapids, Man. CBWHT 8	Melita, Man. CKX-TV-2 9	Prince Rupert, B.C.	Trail, B.C. CBUAT (1
Greenwater Lake, Sask.	Merritt, B.C. CFCR-TV-3 10	CFTK-TV-1 6	Trois-Rivières, Que. CKTM-TV 13
Halifax, N.S. CKBI-TV-3 4	Mica Creek Village, B.C. CFZQ-TV-2 5	Promontory Mountain, B.C.	Ucluelet, B.C. CBUT-7 7
Halifax, N.S. CBHT 3	Micoua, Que. CKHQ-TV-3 6	CFCR-TV-12 5	CKUP-TV-I 6
Hallburton, Ont. CKVR-TV-3 5	Micoua, Que, CKHQ-TV-3 6 Midway, B.C. CKMY-TV-1 7	Quebec, Que. CBVT II	Upsalquitch Lake, N.B.
Hamilton, Ont. CHCH-TV ()	Minden, Ont. CHEX-TV-2 10	Quebec, Que. CFCM-TV 4	CKAM-TV 12
Havre St. Pierre, Que.	Moneton, N.B. CBAFT II	Quebec, Que. CKMI-TV 5	Uranium City, Sask.
CBTB-TV 12	Monoton, N.B. CHMT-TV 7	Quesnel, B.C. CFCR-TV-II 7	CBTA-TV-1 8
Hearst, Ont. CBFOT-2 7	CKCW-TV 2	Quesnel, B.C. CKCQ-TV-I 13	Val D'Or, Que, CKRN-TV-2 8
CFCL-TV-4 4	Mont Blanc Perce, Que.	Ramea, Nfld. CFRT-TV-1 13	Val Marie Sask, CJFB-TV-2 2
High Prairie, Alta. CBXAT-2 2	CFGW-TV-2 8	Red Deer, Alta. CKRD-TV 6	Vancouver, B.C. CBUT 2
Hinton, Alta. CBXT-3 8	Mont Climont, Que.	Red Lake, Ont. CBWET 10	Vernon, B.C. CHBC-TV-2 7
Hixon, B.C. CKPG-TV-1 10	CKBL-TV-! II	Regina, Sask. CBKRT 9	Victoria, B.C. CHEK-TV 6
Holberg, B.C. CFKY-TV-I 4	Mont Goorges, Que.	Regina, Sask. CKCK-TV 2	Ville Marie, Que. CKRN-TV-3 6
Hope, B.C. CBUT-6 9		Revelstoke, B.C. CFZQ+TV-1 9	Waterton Park, Alta.
Houston, B.C. CFTK-TV-10 2	Mont-Laurier, Que. CBFT-2 3	Rimeuski, Que. CJBR-TV 3	CJWP-TV-I 12
Hudson Hope, B.C. CIDC-TV-1 11	Mont-Louis, Que. CKBL-TV-4 2	Riverhurst, Sask. CJFB-TV-3 10	Watson Lake, Y.T.
Huntsville, Ont. CKVR-TV-2 8	Mont Tremblant, Que. CBFT-[[]	Rivière-au-Renard, Que.	CBTE-TV-I 8
Inuvik, N.W.T. CHAK-TV 6		CHAU-TV-7 7	Wawa, Ont. CBLAT-3 9
Invermere, B.C. CFWL-TV-1 6		Rivière du Loup, Que.	Westwold, B.C. CFWS-TV-2 12
Inverness, N.S. CJCB-TV-1 6	CFCF-TV 12	CKRT-TV 7	Whitecourt, Alta. CBXT-2 9
Irishtown, Nfld. CBYT-2 7	CFTM-TV 10	CKRT-TV-3 13	CFRN-TV-3 12
Jaspar, Alta. CBXT-4 5	Moose Jaw, Sask. CBKMT 4	Roberval, Que. CKRS-TV-3 8	Whitehorse, Y.T. CFWH-TV 6
Jonquiere, Que. CKRS-TV 12	Mount Timothy, B.C.	Rouyn, Que. CKRN-TV 4	White River, Ont. CBLAT-2 12
Jubilee Mountain, B.C.	CFCR-TV-6 5	Saint John, N.B. CHSJ-TV 4	Williams Lake, B.C.
CFWL-TV-2 8		CKLT-TV 9	CFCR-TV-5 8
Juskatia, B.C. CFTK-TV-7 2	Mt. Parizeau, B.C. CFTK-TV-8 5	Salmon Arm, B.C. CHBC-TV-4 9	Willow Bunch, Sask.
Kamioops, B.C. CFCR-TV 4	Mt. Poole, Near Queen	Saskatoon, Sask. CFQC-TV 8	CKCK-TV-2 6
Kapuskasing, Ont. CBFOT-1 12		Sault Ste. Marie, Ont.	Windsor, Ont. CKLW-TV 9
CFCL-TV-3 3	Murdochville, Que. CKBL-TV-2 6	CJIC-TV 2	Wingham, Ont. CKNX-TV 8
Kearns, Ont. CFCL-TV-2 2		Savona, B.C. CFCR-TV-7 8	Winnipeg, Man. CBWFT 3
Kemano, B.C. CFTK-TV-5 2	CINP-TV-1 2	Schefferville, Que. CFKL-TV II	CBWT 6
Kelowna, B.C. CHBC-TV 2	CJNP-TV-2 4	Senneterre, Que. CKRN-TV-1 7	CJAY-TV 7
Kenora, Ont. CBWAT 8		Shalalth, B.C. CFCR-TV-17 3	Wynyard Sask. CHSS-TV 6
Keremeos, B.C. CHKC-TV-I 5	CJNP-TV-2 4	Shaunavon, Sask. CBCP-TV-I 7	Yellowknife, N.W.T. CFYK-TV 8
Kildala, B.C. CFTK-TV-4 5	Nose Comp (Nose Laws		
Kingston Out CVWO TV		Sheet Harbour, N.C. CBHT-4 11	Yerkton, Sask. CKOS-TV 3
Kingston, Ont. CKWS-TV II			Yerkton, Sask. CKOS-TV 3 Yarmouth, N.S. CBHT-3 []

C.L. Chan. | Location

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White's Radio Log World-Wide Shortwave Stations

SWL'ing is a fascinating hobby. Listening to distant stations from far off countries has been called "armchair traveling"—and it is! Without moving from your shortwave receiver you can capture the exotic flavors of the Orient and Africa; hear a "news" broadcast

Location

from behind the Iron Curtain, and eavesdrop on major world events as they happen.

Here is a list of some of the shortwave broadcasting stations that other DXers have been hearing, plus some times (GMT) when you may find the reception best. Some of these stations broadcast in English, some do not. And because of varying reception conditions, it may take many tries to hear some of them. Others may be heard daily. See how well you can do when you try to tune in the world on shortwave radio.

KITZ	Call	Name	Locatio

2360

120-Meter band—2300 to 2400 kmz								
TGBA	R. Mayo de Barillas	Huehuetenango, Guatemala	1130					

2446	-	ORTE	St. Denis,	1130
2450 2480	4VSO	R. St. 4VEH R. Broganca	Cap Haitien, Haiti	0230 1030
				0000
2680	НЛМФ	Transmisora Apolo		0100

90-Meter Band-3200 to 3400 kHz

5 Line Chine	People's	-	3200
Fukien, China	Ondos	-YVZV	3215-
El Vigia, Venezuela			2020
		ORVALI	3230 3240
			3245
	K. Liberotoi	1 4 15 1	3243
	Liberian Bc Cora	FLBC	3255
			3255
Venezuela			
Niomey, Niger	RTV du Niger	-	3260
Maracoiba,	R. Mara	YVMC	3275
			3280
		_	3284
		_	3295
	K. Delize	_	3300
	OPTE		315
	OKII		313
Freetown.	Sierra Leone	_	2316
Sierro Leone			
Wewak, New	R. Wewok	VL9CD	3335
	LV de Nahuola	TGVN	3360
	D CI	TOCIL	
	R. Chortis	IGCH	380
	P. Parcalona	YVO!	3385
	R, Barcerona	IΥΨ	3300
	R Raboul	VISRR	3385
Britain Is.	K, KODOJI	- 27011	,505
Sto. Domingo	R. Zaracay	HCOTI	3390
Cds., Ecuador			
Merida, Venezuelo	R. Universidad	YV0J	
F 11 011		_	3400
Fukien, China	Liberation Army		
Merida, Venezuelo Fukien, China	R. Universidad Peaple's Liberation Army		395 3400
	Suva, Fiji Lima, Peru Caracas, Venezuela Monrovia, Liberia El Tigre, Venezuela Niamey, Niger Maracaibo, Venezuela St. Georges, Grenado Suva, Fiji Accra, Ghana Belize, Br. Honduras Fort de France, Martinique Freetown, Sierro Leone Wewak, New Guinea Terr. Nahuala, Guatemala Jaccian, Guatemala Barcelona, Venezuelo Roboul, New Britain Is. Sto. Domingo Cds., Ecuador Merida, Venezuelo	Liberation Army Ondos Ponomericanas R. Fiji R. America R. Liberatar Liberian Bc Corp L V del Tigre R. Mara Windward Is Bc Svc R. Fiji R. Ghano R. Belize Belize Bry de Nahuolo R. Chortis R. Chortis R. Barcelona R. Barcelona R. Barcelona R. Raboul R. Raboul R. Zaracay R. Juniversidad R. Juniversidad R. Liberatar El Vigia, Venezuela Suva, Fiji Monrovio, Liberia El Tigre, Venezuela Monrovio, Liberia El Tigre, Venezuela Monrovio, Liberia El Tigre, Venezuela Monrovio, Liberia El Tigre, Venezuela Monrovio, Liberia El Tigre, Venezuela Monrovio, Liberia El Tigre, Venezuela Monrovio, Liberia El Tigre, Venezuela Monrovio, Liberia El Tigre, Venezuela Monrovio, Liberia El Tigre, Venezuela Monrovio, Liberia El Tigre, Venezuela Monrovio, Liberia El Tigre, Venezuela Monrovio, Liberia El Tigre, Venezuela Niamey, Niger Maracoiba, Venezuela Suva, Fiji Accro, Ghana Belize Br. Honduras Fort de France, Mortinique Freetown, Sierro Leone Wewak, New Guinea Terr. Nahuala, Guatemala Barcelona, Venezuelo Routemala Barcelona, Venezuelo Routemala Barcelona, Venezuelo Monrovio, Liberia El Tigre, Venezuela Niamey, Niger Maracoiba, Venezuela Niamey, Niger Maracoiba, Venezuela Suva, Fiji Accro, Ghana Belize Br. Honduras Fort de France, Mortinique Freetown, Sierro Leone Burtiniana Accro, Ghana Belize Br. Honduras Fort de France, Mortinique Freetown, Sierro Leone Burtiniana Br. Honduras Fort de France, Mortinique Freetown, Sierro Leone Burtiniana Br. Honduras Fort de France, Mortinique Freetown, Sierro Leone Burtiniana Br. Honduras Fort de France, Mortinique Freetown, Sierro Leone Burtiniana Br. Honduras Fort de France, Mortinique Freetown, Sierro Leone Burtiniana Br. Honduras Fort de France, Mortinique Freetown, Sierro Leone Br. Honduras Fort de France, Mortinique Freetown, Sierro Leone Burtiniana Br. Honduras Fort de France, Mortinique Freetown, Sierro Leone Br. Honduras Fort de France, Mortinique Freetown, Sierro Leone Br. Honduras Fort de France, Mortinique Freetown, Sierro Leone Br. Honduras Freetown, Sierro Leone Br. Honduras Freetown, Sier	Liberation Army Ondas Ponamericanas R. Fiji OBX4U R. America YVKT R. Liberotar YVGL Liberian Bc Corp YVGL Liberian Bc Corp YVGL Liberian Bc Corp YVGL Liberian Bc Corp YVGL R. Mara Windward Is Bc Svc Grenado R. Fiji R. Ghono R. Belize Belize R. Ghono R. Belize Belize R. Ghono R. Belize Belize R. Ghono R. Belize Belize R. Ghono R. Belize Br. Honduras Freetown, Sierra Leone Bc Svc VL9CD R. Wewak TGVN LV de Nahuola TGCH R. Chortis YVQI R. Barcelone VL9BR R. Raboul Roboul, New Britan Is. Br. Venezuela Maracoiba, Venezuela Niamev, Niger Maracoiba, Venezuela St. Georges, Grenado Accra, Ghona Belize Br. Honduras Fort de France, Martinique Freetown, Sierro Leone Wewak, New Wewak, New Guinea Terr. Nahuola, Guatemala Jocaton, Jocaton, Jocaton, Jocaton, Jo

60-Meter Band-4750 to 5060 kHz

4679 4712 4760 4765 4770	HCWEI HCEH3 O,\X3W	R. Nac Espejo R. Nac. Progreso R. Tingo Maria RTV Congolaise Sudan Interior	Quito, Ecuador Loja, Ecuador Tingo Maria, Peru Brazzoville, Congo Manravia, Liberia	0530 0430 0500 2200 0630
4775 4777 4783 4795	CP84 — — HIAS	Mission R. Los Andes RTV Gabanaise R. Mali Ondas Musical	Tarijo, Balivia Libreville, Gobon Bamako, Mali Stc. Dominga,	0345 0430 0600
4795 4800	YVMO	R. Brazzoville R. Lara	Dominicon Rep. Brazzaville, Conga Barquisimeto, Venezuela	0400 0530 0200
4815 4815	OAX8X	R. Amozonas RTV Voltaique	Iquitos, Peru Ouagadougou, Upper Volta	0400
4820 4820	HRVC	R. Gambia V. Evangelica	Bathurst, Gambio Tegucigalpo, Honduros	0700

kHz	Call	Name	Location	GMT
4825	HIFA	LV de la Fuerzas	Sto. Domingo,	
		Armadas	Dominican Rep.	0330
4835		R. Malaysia	Kuching, Sarawak	1400
4840	CR6RY	R. Cl. da Cuonza	Novo Redondo,	
10.15		Sul	Angala	2230
4845	-	R. Botswana	Gaborone,	0415
4850		D	Botswana	0415
4000	_	R. Mauritania	Nouakchatt,	0700
4863		R. Brunei	Mauritania	0700
1003		R. Brunei	Brunei Town, Brunei	1400
4866	PRC5	R. Cl. do Para	Belem, Brazil	0830
4870	1105	R. du Dahomey	Cotonou, Dahomey	
4875	HCHE4	LV de Esmeraldas	Esmeroldas.	0000
1075	HOHLY	r de Etimeraldas	Ecuador	0515
4B85		R. Maloysia	Penang, Malaysia	1500
4900	YVNK	R. Juventud	Borquisimeto,	1300
4700	11111	K. Juvenija	Venezuela	0400
4910	HIN	R. HIN	Sto. Daminga,	0100
1710		N. LIIIN	Dominican Rep.	0300
4911	_	R. Zambia	Lusako, Zambia	0530
4915	_	R. Ghana	Accra, Ghona	0600
4920	VLM4	Australian Bc	ricera, onona	0000
1720	· Civil	Caro	Brisbane, Austrolia	1200
4923	HCROI	R. Quito	Quita, Ecuador	0300
4926	EAJ206	R. Ecuatorial	Bata, Rio Muni	0530
4940	_	RTV Ivarienne	Abidjon,	0000
		KIT ITGITEILIG	Ivary Coast	0600
4940	YVPA	R. Yarocay	San Felipe,	
			Venezuela	0200
4965	HJAF	R. Sonta Fe	Bagota, Colambia	0300
4990	YVMQ	R. Borquisimeto	Barquisimeto,	
	-		Venezuelo	0230
5010	_	R. Garoua	Garoua.	,
			Comeroon	0615
5035	_	RTV Centre-	Bangui, Central	
		africaine	African Rep.	0630
5042	_	Em. Oficial do	Bissau, Part.	
		Guine	Guinea	0700
5060	-	R. Aden	Aden, Sauth	
			Yemen	0300

49-Meter Band-5950 to 6200 kHz

5804 5955	_ TGNA	R. Sanoa R. Cultural	Sonaa, Yemen Guatemola City.	0330
3733	IOMA	K. Colloidi	Guatemala	0300
5960	HJCF	LV de Bogota	Bogota, Colombia	8230
5975	_	British Bc Corp	London, England	0600
5980	YSS	R. Nacional	Son Salvador,	
			El Salvador	1245
5990	_	R. Sweden	Stackholm, Sweden	0100
5995	_	R. Austrolia	Melbourne,	
			Austrolia	0900
5995		Voticon R.	Vatican City	0050
6005	CFCX	Marconi Radio	Montreal, Canada	2330
6010	V51111/	RAI	Rame, Italy	1200
6020	XEUW	Eco de Sotovento	Veracruz, Mexico Lisbon, Portugal	0200
6025 6030	CFVP	R. Portugal V. of the Prairies	Colgory, Canado	0900
6035	CFVF	Nigerian Bc Corp	Enuau, Nigerio	0530
6035		All Indio R.	Delhi, India	0130
6035	_	R. Warsow	Warsaw, Polond	0230
6045	HOU31	LV del Boru	David, Panomo	1000
6055		R. Proque	Prague,	
		3	Czechoslavakio	0730
6060	LRA31	R. Nacional	Buenos Aires,	
			Argentina	1000
6060		RA1	Caltonissetta,	
			Sicily	0600

Ferguson, Fla.; Alan Roth, Conn.; Steven Handler, Ill.; Ernest Behr, Ont.; Gerry Dexter, Wis.; Dr. F. Ill.; Ernest Behr, Ont.; Gerry Dexter, Wis.; Dr. F. Ill.; Ernest Behr, Ont.; Gerry Dexter, Wis.; Dr. F. Ill.; Ernest Behr, Ont.; Gerry Dexter, Wis.; Dr. F. Ill.; Earle Hall, Mass.; Terry Adkins, Cal.; Harold Sellers, Ont.; Wesley Huggins, N.C.; John Tuchscherer, Wis.; Jim Roberts, Manitoba; Gregg Calkin, Ill.; Stanley Cabral, Cal.; A. R. Niblack, Ind.; Williams, Ore.; White, N.J.; Edward Shaw, Va.; Bill Berghammer, N.Y.; Danny Jamison, Va.; C. W. Chadwick, Iowa; N.Y.; Danny Jamison, Va.; C. W. Chadwick, Iowa; Br. Columbia; W. H. Lewis, Tenn.; Robert Ott, W. Wal; Batesville SW Association, Box 673, Batesville, Ark.; North American SW Association, Box 989, Altoona, Pa.; Gladys Martin, Brooklyn.

kHz	Call	Name	Location	GMT
6065 6070 6075	CFRX	R. Sweden Standard Bc Carp Deutsche Welle	Stockholm, Swede Toronto, Canada Cologne,	n 0600 0500
6082 6090	OAX4Z VL16	R. Nacional Australian	W. Germany Lima, Peru	0200 0400
6090	_	Bc Carp R. Luxembaurg	Sydney, Australia Villa Louvigny, Luxemboura	1130 2145
6105	ХЕФМ	Sistima R.		
6110		Yucoton R. Budapest	Merida, Yucatan Budapest, Hungary	2000
6115	XEUDS	R. Univ. de Sonora	Hermosillo, Mexico	0100
6115 6120	OBZ40 YVSX	R. Union R. Angostura	Lima, Peru Ci. Balivar,	0300
6130 6130	_	R. Nat. Lao R. Nac. de	Venezuela Vientiane, Loos	1130 1200
6130 6145	HCJB ZYZ34	Espana V. of the Andes R. Nacional	Madrid, Spain Quita, Ecuador Rio de Janeira,	0130 0930
6150	_	R. Bucharest	Brazil Buchorest,	0200
6155		Far Fast Network	Rumania Camp Droke,	0430
	_		Jopan	1100
6165	_	R. Berlin International	Berlin, E. Germany	0330
6165 61 7 0	YVKG	Swiss Bc. Corp R. Nacional	Berne, Switzerland Corocas, Venezuela	0430
6175 6180	_ TGWA	ORTF R. Nacional	Paris, France Guatemala City,	0630
6185	_	R. Ethiopia	Guatemalo Addis Ababo,	0045
6190		RTV Maracaine	Ethiopia Sebaa Aiaun,	0330
6195	_	RTV Tunisienne	Morocco Tunis, Tunisia	0800 0515
6195	_	South African Bc Carp	Johannesburg, South Africo	0430
6202 6205	OAX5U	LV de Huamanga R. Nardsee International	Huamonga, Peru International Waters	0500
6250	OAX7H HCVG8	R. Cuzco	Cuzco, Peru	0345
6268 6320		LV de Galapagas R. Peking	Galapagos Is. Peking, China	0330 2200
6600	_	R. Pyangyang	Pyongyang, N. Korea	1200

41-Meter	Band	—7100) to	7300	kHz
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7110	_	R. Molaysia	Kuala Lumpur, Malaysia	1300
7150	_	Deutsche Welle		
3.55		Relay	Kigali, Rwanda	2030
7155		R. Amman	Amman, Jardan	0615
7155 7160	_	ORTF R. Malaysia	Paris, France	0530
/160	_	Sarowak	Kuching, Sarawak	1130
7165		V of America	Okinowa,	1130
1105		Relay	Ryukyu Is.	1300
7170	_	R. Naumea	Noumea,	1300
		K. 110011100	New Caledania	1030
7200		Sudan Bc Svc	Omdurman, Sudan	
7215	_	RTV Ivorienne	Abidjan,	
			Ivory Coast	0700
7225	_	R. Kuwait	Kuwait	0430
7230		For East Bc Corp	Manila Philippines	1200
7235	_	Solamon Is Bc Svc	Henderson Field,	
70.40			Solomon Is.	1000
7240		All India R.	Bombay, India Saigon, Vietnam	1230
7245	_	VIVN	Saigon, Vietnam	1200
7260		South African	Johannesburg,	0500
7265		Bc Corp. Sudwestfunk	S. Africa	0500
7203	_	Sudwestrunk	Rahrdorf, W. Germany	0700
7275	_	R. Nederland	Hilversum.	0700
, ,, ,		K. Rederidild	Netherlands	0800
7285		R. Warsow	Worsaw, Polond	0200
7290		Trans Warld R.	Monte Carlo	0200
			Monaca	0800
7300	_	R. Tirana	Tirana, Albania	0100
7 305		V. of the Malayan	Somewhere in	
		Revolution	China	1130
7330	_	R. Moscow	Minsk, USSR	2130
7350	-	R. Progue	Progue,	
		R. Hanai	Czechoslovakia Hanoi, N. Vietnom	0400 1130
7416				

kHz	Call	Name	Location	GMT
7500	VNG	Australian Post Office	Melbaurne, Australia	1240
7580	_	R. Pyongyang	Pyongyang,	1240
		,	N. Karea	1100

31-Meter Band--9500 to 9775 kHz

	31-1416			_
9359 9380 947S		R. Nacional de Espana R. Alma Ata R. Cairo R. Peking	Madrid, Spain Alma Ata, USSR Cairo, Egypt Peking, China Samewhere in	0200 0330 0300
9480 9499	=	R. Peking Bizim R.	Peking, China Samewhere in E. Germany	1200
9505	_	R. Prague	Progue, Czechoslavakia	0630
9505	TGNA	R .Cultural	Coursillate City,	0100
9508 9510		Sudan Bc. Carp. R. Borquisimeto	Guatemala Omdurman, Sudan Borquisimeto, Venezuelo	
9510	_	R. Noumea	Noumeo, New Coledonia	1000
9515 9520	=	R. Ankara R. New Zealand	Noumeo, New Coledonia Ankara, Turkey Wellington, N. Zealand	0430
9535 9540	_	Swiss Bc Corp R. Prague	Berne, Switzerland Prague, Czechoslovakia	0400
9545 9550 9553	_ YSS	R. Ghana R. Sofia R. Nacional	Accra, Ghana Safia, Bulgaria San Salvador, El Salvador	2145 0530 0230
9560 9562 9570	OAX4R	R. Japan R. Nacional R. Bucharest	Lima, Peru Bucharest,	1000 0430
9570 9570 9575	=	RTV Kaduna Qatar R. Gronlonds R.	Rumonia Kaduna, Nigeria Doho, Qator Godthab,	0230 0600 1800
9575 9585 9590	_ CE959	RAI Finnish Bc Co R. Presidente	Greenland Rome, Italy Pari, Finland	1900 1900 0230
9600 9605	_	Balmaceda R. Tashkent Natianal Bc	Santiago, Chile Tashkent, USSR	0100 1200
1169	<u>-</u>	Institute R. Mauritanie	Athens, Greece Nouakchott,	2000
9620 9625 9635 9645 9650	ZYR97 HJCQ	R. Novo de Julho Kol Israel R. Nocional R. Norwoy LV de la	Mouritania Sao Paulo, Brazil Jerusalem, Israel Bogota, Calombio Oslo, Norway	0800 0900 2100 0300 0315
9660	YVLM	Revolution R. Rumbos	Conakry, Guinea Caracas,	0630
9665 9675 9682	— OAZ4L YVWL	R. Australia R. del Pacifica R. Monagas	Venezuela Perth, Australia Lima, Peru Maturin,	0430 2000 1200
9685 9690	ZYR227 WNYW	R. Gazeta R. New York	Venezuela Sao Paula, Brazil	0100
9700 9705	_ XERMX	Worldwide R. Sofia R. Mexico	New York, USA Sofio, Bulgaria Mexica City	2230 1945
9715	_	R. Nederland	Mexico Bonaire, Neth.	1500
9720	-	Relay Saudi Arobian	Antilles Dieddah,	0915
9725	ETLF	Saudi Arobian Bc. Svc R. V. of the	Saudi Arobia Addis Ababa,	2000
9750 9770 9805 9833 9860 9920	4VEH	Gospel R. Pokistan R. 4VEH R. Caira R. Budapest R. Peking R. Peking	Ethiapia Korachi, Pakistan Cap Haitien, Haiti Caira, Egypt Budapest, Hungary Peking, China Peking, China	2200

25-Meter Band-11700 to 11975 kHz

(
11445 —	R. Peking	Peking, China	0300
11620 -	All India R.	Delhi, India	2000
11672 —	R. Pakistan	Karachi, Pakistan	0100
17680	British Bc Corp	London, England	0500
11705 —	R. Pakistan	Islamabad, Pakistan	0200
11720 —	National Bc		
l	Institute	Athens, Greece	2000

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kHz	Call	Name	Location	GMT
11755	LRX	Em. Comerciales	Buenos Aires, Argentina	0200
11770	XERMX	R. Mexico	Mexico City, Mexico	0345
11770	-	R. Liberty	Playa de Pals, Spain	2030
11780		R. Clube de Mazambique	Lorenco Marques, Mozambique	0400
11780	_	R. Lebanan R. New Zealand	Beirut, Lebanon Wellington	0200
11785	ZYU61	R. Guiaba	New Zealand Parta Alegre,	0800
11793	ZYZ39	R. Nacional	Brazil Rio de Janeiro, Brazil	0100
11795	-	Deutsche Welle		
11800	-	R. Nacional de	Sta. Cruz de Tener	ife.
11805	ZYZ36	Espano Relay R. Glabo	Cologne, W. Germany Sta. Cruz de Tener Canary Is. Ria de Janeiro.	0230
			Brazil	0130
11810	-	RAI	Rame, Italy	0630
11820	_	Trans Warld R.	Monte Carlo,	0500
11825		R. Tahiti	Monaco Papeete, Tahiti	0330
11828	_	V. of the Malayan	Somewhere in	0330
11835	CXA19	Revolution R. El Espectador	China Montevideo,	2300
11033	CAAII	K. El Especiador	Uruguay	0230
11840	-	R. Australia	Melbourne, Australio	1100
11850	-	R. Norway	Oslo, Narway	0000
11855	-	Saudi Arabian Bc Svc	Dieddah, Saudi Arabia	1830
11860	-	British Bc Corp Relay	Ascension Is.	0630
11865	_	Vatican R.	Vatican City	0000
11875	_	R. Nacional	Managua,	
11880	XERH	R. Tricalar	Nicaragua Mexico City,	0500
11895	_	R. Sweden	Mexico Stockholm,	0230
			Sweden	0500
11900	-	R. RSA	Johannesburg, S. Africa	0400
11910	ETLF	R. V. of the Gospel	Addis Ababa, Ethiopia	1900
11915	_	V. of America Relay	Monrovia, Liberia	2200
11920	-	Far East Bc Associates	Victoria, Seychelles	0300
11920	-	RTV Ivorienne	Abidian, Ivory Coast	2300
11940	_	R. Singapore	Singapore	1400
11950	ELWA	Sudan Interior	14	0/30
11965	PRB24	Mission	Monrovia, Liberia Sao Paula, Brazil	0630
11970	- 17024	R. Record R. Nepal	Katmandu Nepal	0230
11975	_	Windward Is	Katmandu, Nepal St. George's,	0130
11000		Bc Svc	Granada	0130
11980 11990	_	R. Peking R. Prague	Peking, China Prague,	0000
12140	_	R. Espana	Czechoslavakia Somewhere in	1800
12140	_	Independenta	Rumania	2000

19-Meter	Band—	15100) to	15450	kHz
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15085		R. Iran	Teheran, Iran	1500
15095	ELWA	Sudan Interior	Managetta Hibaria	2230
15105	_	Mission R. Australia	Monrovia, Liberia Melbourne,	2230
13103		K. Mosirana	Australia	0800
15105	ZYZ32	R. Rural	Ria de Janeiro,	
			Brazil	2300
15120	_	R. Ceylan	Colambo, Ceylon	0115
15125		R. Berlin International	Berlin, E. Germany	1400
15150		R. Pyongyang	Pyongyong,	1400
.5155		k. Tyongyong	N. Karea	2300
15150		R. Cairo	Cairo, Eaypt	2000
15155	ZYB9	R. Sao Paulo	Saa Paula, Brazil	0100
15155	_	R. Havana	Havana, Cuba	2100
15160	_	R. Australia	Melbourne, Australia	2000
15165	0ZF7	R. Denmark	Copenhagen,	2000
13103	UL, ,	K. Delilliaik	Denmark	1700
15175	-	V of America	Tinang,	
		Relay	Philippines	2300
15185	-	Finnish Bc Carp	Pari, Finland	1800
15185	_	V. of Nigeria	Lagos, Nigeria	0600
15190	_	All India R.	Delhi, India	1100

kHz	Call	Name	Location	GMT
15200	_	Austrian R.	Vienna, Austria	1800
15200	_	R. Prague	Prague, Czechoslovakia	1630
15245		RTV Nationale	Czecilosiorakia	1000
132 13		Congolaise	Kinshasa, Congo	0130
15250	-	R. Bucharest	Bucharest.	
.0200		iii bodii-i oo	Rumonia	1300
15270	4VWI	R. St. 4VEH	Cap Haitien, Hait	0030
15300	HCJB	V. of the Andes	Quita, Ecyador	1900
15315	_	ORTE	Paris, France	1930
15345	_	Trans World R.	Bonaire,	
			Neth. Antilles	0130
15355	-	R. Australia	Darwin, Australia	2300
15430	_	V. of Free Karea	Seaul, Karea	0230
15435	-	R. Tanzania	Dar es Salaam, Tanzania	1700
15445	_	R. Japan	Takya, Japan	0000
15520	_	R. Peking	Peking, China	0100

16-Meter Band-17700 to 17900 kHz

				100
17770		R. Peace and Progress	European USSR	1100
17710	_	Austrian R.	Vienna, Austria	1500
17715	_	R. Australia	Melbourne,	100
17713		11. 7103110110	Australia	1100
17720	_	V. of Free China	Taipei, Taiwan	0230
17725	_	R. Japan	Tokyo, Japan	0230
17780	_	R. St. Rodina	Lvov. USSR	1600
17785	_	R. Japan	Tokyo, Japan	0000
17790	_	British Bc Corp	London, England	1100
17795	_	R. Norway	Oslo, Norway	1600
7800	_	Deutsche Welle		
		Relay	Kigali, Rwanda	2245
17810	-	R. Nederland	Hilversum,	
			Netherlands	1230
17850	_	R. Bucharest	Bucharest,	
			Rumania	1300
17870	_	R. Ghana	Accra, Ghana	1500

13-Meter Band-21450 to 21750 kHz

21450	_	RTV Belge	Brussels, Belgium	1200
21480	_	R. Nederland	Hilversum,	
			Netherlands	1400
21560	_	RA1	Rome, Italy	1400
21600		R. Berlin	Berlin,	
		International	E. Germany	1300
21670	-	ORTF	Paris, France	1645
21715	_	Vatican R.	Vatican City	1500
21740	_	R. Australia	Melbourne,	
			Australia	0200

11-Meter Band-25600 to 26100 kHz

25750	_	British Bc Corp	Landan, England	1430
25880	_	V, of America	Tangier,	
		Relay	Moracca	1400
25900	-	R. Norway	Osla, Narway	1400
25950	_	V. of America	Greenville, USA	1500
26040	_	V. of America	Greenville, USA	1500



Who'd have thought I'd make so much money without going to college?

still have to pinch myself every week when I open my pay envelope—it seems too good to be true!

Especially when I remember how sorry everyone felt for me because I couldn't go on to college with the others in my high school class. "How are you ever going to make it now?" people kept asking me. "Without college, it's a losing battle. Everybody knows that!"

Well, the college boys left for school, and I got my first job. And it was tough going for a while, I'll admit that—one dull, routine thing after another. From pumping gas to driving a cab to working on an assembly line in a factory. I worked hard but never "struck it big."

Then I read an announcement like this one about the opportunities in Electronics.

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	for G.I. Bil	Linfarm	ition

I discovered that, with proper training, I could have my pick of thousands of glamour jobs—in fields like radio and TV broadcasting, automation, computer servicing, or even the aerospace program.

And I found out that as you move up the ladder in this booming field of Efectronics, you can earn the kind of money that even a college man could be proud of -up to \$5, \$6, \$7 an hour...\$200, \$250 a week...\$10,000. \$11,000, even \$12,000 a year!

And—most important—I realized how easy it would be to get the training I needed to break into this great field. The announcement said I could learn everything I needed to know, right at home in my spare time, with a home study course from the Cleveland Institute of Electronics.

Well, to make a long story short, I enrolled with CIE, I found that their courses had taken what seemed like a complicated subject and broken it down into easy steps. Sympathetic instructors sent me letters helping me over the rough spots. I really learned fast. And here I am now, a respected Electronics man -earning so much money I still have to pinch myself.

myself.

Thanks to CHE, I don't have to envy the college boys anymore. In fact, there are some that envy me!

Send for 2 FREE BOOKS

This composite story is typical of hundreds told by CIE students who are now enjoying exciting new careers in Electronics.

Most of them decided on their new careers after reading our famous books, "How To Succeed In Flectronics," and "How To Get A Commercial FCC Licens," These books describe in detail the many electronics careers open to men with proper training. And they tell which CH courses will best prepare you for the work you want.

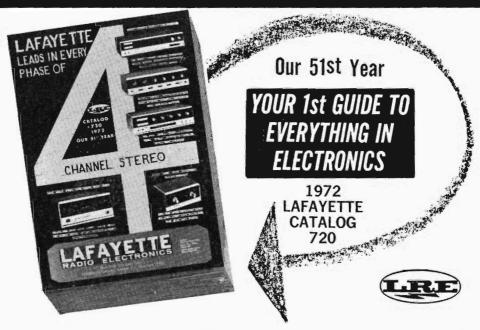
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