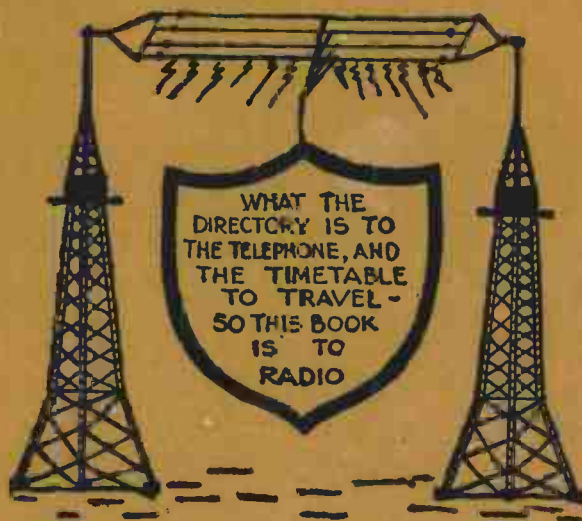


# **Air Line Radio Map Log and Directory**



**De Luxe Edition**

**50 Cents the Copy**

# EXPLANATION OF KEY TO BROADCASTING SCHEDULE

Suppose a broadcasting station's schedule is "Daily excepting Sunday" from 8 P. M. until 11 P. M., Broadcasting: Music—Monday, Wednesday and Friday, from 4 to 5 P. M., a "Matinee Musicale."

You will find the above, listed on this log, after the call letters, etc., in the last column, as follows: 9-I-U-Z-22. 1-3-5-QQ-UU-Z-42.

Look at the left hand column of numbers below. You find 9 means daily excepting Sunday. Next look at the time chart, using the column, that shows the kind of time used where you are. Using Eastern time as an illustration, you will find I means 8 and U means 11, and Z means P. M. Number 22 you find is music. This transposed means daily excepting Sunday from 8 P. M. until 11 P. M., Music. Look up 1-3-5 and you find MONDAY, WEDNESDAY, and FRIDAY. On the chart, look up QQ and you find 4, and UU is 5, Z is P. M. This transposed is Monday, Wednesday and Friday, from 4 to 5 P. M. 42 is Matinee Musicale.

ET stands for Eastern Time, CT, Central Time, etc. This shows the kind of time the stations are broadcasting on, and by using the column that designates your time, you do not have to allow for the difference in time. This will show when the station is on the air in your time.

## KEY NUMBER—DAY

1. Monday.
2. Tuesday.
3. Wednesday.
4. Thursday.
5. Friday.
6. Saturday.
7. Sunday.
8. Daily including Sunday.
9. Daily excepting Sunday.
10. Daily excepting Saturday and Sunday.
11. Daily.
12. Daily excepting Sunday and Tuesday.
13. Daily excepting Sunday and Thursday.
14. Daily excepting Monday.
15. Daily excepting Thursday.
16. Daily excepting Sunday and Monday.
17. Daily excepting Sunday and Friday.
18. Daily excepting Wednesday.
19. Silent.
20. Daily excepting Saturday.

## KIND OF BROADCASTING

- Key No.
21. Market Reports.
  22. Music.
  23. News Bulletins.
  24. Dance Music.
  25. Speaking.
  26. Educational.
  27. Bed Time Stories.
  28. Church Services.
  29. Special Features.
  30. Bible Lessons.
  31. Features.
  32. Dinner Concert.
  33. Sermons.
  34. Entertainment.
  35. Talks.
  36. Agriograms.
  37. Irregular.
  38. Orchestra.
  39. Popular Music.
  40. Classical Music.
  41. Sacred Songs.
  42. Matinee Musicale.
  43. Concerts.
  44. Weather.
  45. Sports.
  46. Band Concert.
  47. Children's Hour.
  48. Musicale.
  49. Organ.
  50. News.
  51. Boy Scouts.
  52. Oil News.
  53. Dance.
  54. Exercises.
  55. Stock Reports.
  56. Police Reports.
  57. Semi-Classical.
  58. Time Signals.
  59. Senic Social.
  60. Rebroadcast.
  61. Sacred.
  62. Informal.
  63. Poultry Talk.
  64. College Activities.
  65. Sport Events.
  66. Vocal Concert.
  67. Diversified.
  68. Daily Exercise.
  69. Request Program.

## DIFFERENCE IN TIME

When It Is Noon in New York Eastern Standard Time—It Is—

- 11:00 A. M. Central Time.
- 10:00 A. M. Mountain Time.
- 9:00 A. M. Pacific Time.
- 7:00 P. M. in Alexandria.
- 5:20 P. M. in Amsterdam.
- 7:00 P. M. in Athens.
- 6:00 P. M. in Berlin.
- 12:08 P. M. in Bogota.
- 10:30 P. M. in Bombay.
- 3:00 A. M. in Melbourne following day.
- 10:24 A. M. in Mexico.
- 5:00 P. M. in Paris.
- 7:01 P. M. in Petrograd.
- 2:00 P. M. in Rio-de-Janeiro.
- 6:00 P. M. in Rome.
- 7:00 A. M. in Sitka, Alaska.
- 6:00 P. M. in Stockholm.
- 6:00 P. M. in Vienna.
- 2:00 A. M. in Yokohama.
- 6:00 P. M. in Brussels.
- 7:00 P. M. in Copenhagen.
- 6:00 P. M. in Hamburg.
- 11:35 A. M. in Havana.
- 5:00 P. M. in Havre.
- 1:00 A. M. in Hongkong.
- 6:30 A. M. in Honolulu.
- 5:00 P. M. in London.
- 1:00 A. M. in Manila.

	EASTERN TIME.	CENTRAL TIME.	MOUNT. TIME.	PACIFIC TIME.
AA	12	11	10	9
BB	12:15	11:15	10:15	9:15
CC	12:30	11:30	10:30	9:30
DD	12:45	11:45	10:45	9:45
EE	1	12	11	10
FF	1:15	12:15	11:15	10:15
GG	1:30	12:30	11:30	10:30
HH	1:45	12:45	11:45	10:45
II	2	1	12	11
JJ	2:15	1:15	12:15	11:15
KK	2:30	1:30	12:30	11:30
LL	2:45	1:45	12:45	11:45
MM	3	2	1	12
NN	3:15	2:15	1:15	12:15
OO	3:30	2:30	1:30	12:30
PP	3:45	2:45	1:45	12:45
QQ	4	3	2	1
RR	4:15	3:15	2:15	1:15
SS	4:30	3:30	2:30	1:30
TT	4:45	3:45	2:45	1:45
UU	5	4	3	2
VV	5:15	4:15	3:15	2:15
WW	5:30	4:30	3:30	2:30
XX	5:45	4:45	3:45	2:45
A	6	5	4	3
B	6:15	5:15	4:15	3:15
C	6:30	5:30	4:30	3:30
D	6:45	5:45	4:45	3:45
E	7	6	5	4
F	7:15	6:15	5:15	4:15
G	7:30	6:30	5:30	4:30
H	7:45	6:45	5:45	4:45
I	8	7	6	5
J	8:15	7:15	6:15	5:15
K	8:30	7:30	6:30	5:30
L	8:45	7:45	6:45	5:45
M	9	8	7	6
N	9:15	8:15	7:15	6:15
O	9:30	8:30	7:30	6:30
P	9:45	8:45	7:45	6:45
Q	10	9	8	7
R	10:15	9:15	8:15	7:15
S	10:30	9:30	8:30	7:30
T	10:45	9:45	8:45	7:45
U	11	10	9	8
V	11:15	10:15	9:15	8:15
W	11:30	10:30	9:30	8:30
X	11:45	10:45	9:45	8:45
Y - A.M.		Z - P.M.		

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# AIR LINE RADIO MAP, LOG AND DIRECTORY

Listing All Stations Whether Five or Twenty Thousand Watts

— B Y —

CALL LETTERS, KILOCYCLES, METERS AND TOWNS, having a unique broadcasting schedule, enabling the user to see at a glance who is on the air, and with what class of entertainment.

AN INDIVIDUAL LOG FOR EACH STATION WITH TIME ALLOWANCES MADE.

COMPLETE LISTING OF ALL WORLD STATIONS from two hundred to six hundred meters,

INCLUDING

THE ORIGINAL PATENTED AIR LINE MAP, WITH MOVABLE MILE SCALE, giving distance instantly, and a generous supply of APPRECIATION CARDS.

A MONTHLY SUPPLEMENTAL SERVICE.

The information contained in this book is compiled from official sources, supplemented by correspondence to the stations, and our many friends who send in changes from their localities.

## DIRECTIONS FOR USING AIR LINE MAP AND LOG

With a sharp knife or scissors, cut out the mile scale. Next make a small hole in the map at your town, and put the scale over this hole, placing a paper fastener through the scale and map. (You will find a paper fastener on Map.) Now bend the arms of the fastener over. When you hear a distant station it is only necessary to swing the scale around to the city where the station is located and read the approximate distance by air, on the scale. If you live in the country or in a city that has no broadcasting station fasten the scale on the nearest city to you that has a station and add or subtract the mileage from where you live to the city where you have the scale fastened. Only towns having broadcasting stations appear on the map. This allows you to find the town you are looking for without confusion. After you hear a station, fill in the white space in the circle, with a colored pencil, and you have a record of towns heard. As all radio logs get out of date in a short time, we advise you to read the coupon that entitles you to a monthly supplemental service. SEND THIS IN NOW, WHILE YOU THINK OF IT.

### CALL LETTERS ASSIGNED TO VARIOUS COUNTRIES

AAA-AMZ	Germany	HAA-HAZ	Hungary	OJA-OJZ	Finland	TIA-TOZ	Spain
ANA-APZ	Dutch Indies	HBA-HBZ	Switzerland	OKA-OKZ	Cz. Slovakia	TPA-TUZ	Norway
AQA-AWZ	Norway	HCA-HCZ	Ecuador	OLA-OMZ	Holland	TVA-TZZ	Bays-Bas
AXA-AXZ	Poland	HDA-HEZ	Holland	ONA-OTZ	Belgium and Colonies	UAA-UMZ	France et Colonies et
AYA-AYZ	Venezuela	HFA-HFZ	Serbia, Croatia and	OUA-OZZ	Denmark	UNA-UNZ	Protectorats
AZA-AZZ	Estonia		Slovakia	PAA-PIZ	Pays-Bas, Metropole		Kingd. Serbia, Croatia
B	Great Britain	HGA-HHZ	Siam	PJA-PJM	Curacao		and Slovakia
CAA-CEZ	Chili	HIA-HIZ	Rep. Dominican	PJN-PJZ	Surinam	UGA-UOZ	Aust. Feder.
CFA-CKZ	Possessions et Pro-	HJA-HKZ	Rep. Colombia	PKA-PMZ	Dutch Indies	UPA-UZZ	New Zealand
	tectorats britanniques	HLA-HNU	Spain	PNA-PPZ	Brazil	VAA-VGZ	Union of South Africa
CLA-CMZ	Spain	HNV-HNZ	New Hebrides	PQA-PSZ	Portugal	VHA-VKZ	New Foundland
CNA-CNZ	Morocco	HOA-HZZ	France et Colonies et	PTA-PVZ	Brazil	VLA-VMZ	Colonies et Protec-
COA-COZ	Great Britain		Protectorats	PWA-PWZ	Cuba	VNA-VNZ	torats britanniques
CPA-CPZ	Bolivia	I	Italy and Colonies	PXA-PZZ	Pays-Bas, Metropole	VOA-VOZ	n-ayant pas de Gov.
CQA-CQZ	Monaco	J	Japan and Possess.	Q	Reservee pour les	VVA-VSZ	autonome
CRA-CRZ	Portuguese Colonies	KAA-KAY	Germany	RAA-RQZ	abreviations	VTA-VWZ	Indes britanniques et
CSA-CUZ	Portugal	KAZ	Free City of Danzig		Union des Republi-	VXA-VZZ	Golfe persique
CVA-CVZ	Roumania	KBA-KBZ	Germany	RRA-RWS	ques Sovietiste		Colonies et Protec-
CWA-CWZ	Uruguay	KCA-KCZ	Latvia	RWA-RWZ	cialistes	W	torats britanniques
CXA-CXZ	Spain	KDA-KZZ	U. S. of America	RXA-RXZ		XAA-XDZ	U. S. of America
CYA-CZZ	Mexico	LAA-LHZ	Norway	RYA-RYZ	Albania	XEA-XMZ	Mexico
DAA-DSZ	Germany	LIA-LRZ	Argentine Rep.	RZA-RZZ	Panama	XNA-XSZ	Great Britain
DTA-DTZ	Free City of Danzig	LSA-LUZ	Great Britain	SAA-SMZ	Lithuania	XTA-XZZ	China
DUA-DZZ	Germany	LVA-LVZ	Guatemala	SUA-STZ	Sweden	Y	Great Britain
EAA-EHZ	Spain	LWA-LWZ	Norway	SVA-SVZ	Brazil	Z	Great Britain
EIA-EZZ	Great Britain	LXA-LZZ	Bulgaria	TAA-TEZ	Egypt		Great Britain
F	France et Colonies et	M	Great Britain	TFA-TFZ	Greece		Great Britain
GAAA-GWBB	Protectorats	N	U. S. of America	TGA-THZ	Turkey		Great Britain
GWBC-GWJZ	Great Britain	OAA-OBZ	Peru		Iceland		
GWKA-GZZZ	Free State of Ireland	OCA-OFZ	Great Britain		Greece		
	Great Britain	OGA-OIZ	Denmark				

# STATIONS OF 100 WATT POWER OR OVER

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watts)	Kilo-cycles	Time Heard	Dis tance	Controls			Out-door Ant.	Loop Direc-tion	Ph. or Loud Spkr.	Sig-nals	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for code)
							1	2	3						
KDKA	Westinghouse Electric Co., East Pittsburgh, Pa.	309.1	10000	970			24	24	24	-	23	26	26	ET	9-P-Q-Y-AA-21-44-22; 10-BB-&-H-35; 2-4-E-Q-Z; 7-P-Y-MM-D-Z.
KDYL	Intermountain Broadcasting Corp., Salt Lake City, Utah	245.8	100	1210										MT	
KEX	Western Broadcasting Co., Portland, Oregon	447.5	20000	670										PT	
KFAB	Nebraska Buick Auto Co., Lincoln, Neb.	340.7	5000	880	12:15 PM		30	32	31		Mon			CT	15-S-W-Y-JJ-QQ-Z; C-O-Z; 4-S-Y; 4-QQ-Z; 7-Q-Z.
KFAD	McArthur Bros. Merc. Co., Phoenix, Ariz.	272.6	100	1100										MT	16-I-M-Q-U-34; 18-U-EE-43-28.
KFAU	Public High School, Boise, Idaho	280.2	750	1070										MT	10-KK-MM-Z-34; 6-O-S-Z-84; 2-O-AA-Z; 4-Q-AA-Z; 5-O-U-Z.
KFBC	W. K. Azbill, Union League Club, San Diego, Calif.	379.5	100	790	1:15 AM		40	42	42		Sun			PT	7-AA-EE-28.
KFBK	Kimball-Upson Co., Sacramento, Calif.	535.4	100	560										PT	1-4-G-S-EE-Z-34.
KFBL	Leese Bros., Everett, Wash.	223.7	100	1340										PT	9-S-W-Z-34.
KFBU	St. Matthews Cathedral, Laramie, Wyo.	374.8	1000	800										MT	
KFCB	Nielsen Radio Supply Co., Phoenix, Ariz.	238	100	1260										MT	1-3-Q-U-Z-34; 6-M-Q-Z-II-QQ-Y-34.
KFCR	Santa Barbara, Calif.	413		726										PT	
KFDM	Magnolia Petroleum Co., Beaumont, Texas	315.6	500	960										CT	2-GG-II-Z-46; M-U-48; 7-M-Q-Z-28; 5-GG-II-M-U-Z-46; 7-AA-Y-EE.
KFDX	First Baptist Church, Shreveport, La.	232.4	100	1290										CT	3-Q-U-Z-28; 7-X-Y-28; 7-M-Z-28.
KFDY	South Dakota State College, Brookings, S. D.	299.8	500	1000										CT	9-FT-Z-21-44; 4-K-22-45; 7-19.
KFEQ	Meier & Frank, Portland, Ore.	247.8	150	1210	2 AM		14	14	15					PT	9-MM-44-O-Z-44-21; E-I-Z-22; 6-II-MM-Y-47.
KFEL	E. P. O'Fallon, Argonaut Hotel, Denver, Colo.	254.1	250	1180	7:20 PM		13	13	12		Thurs			MT	9-EE-QQ-Z; A-E-Z-34; 2-U-AA-Z; 4-Q-Z-II-34.
KFEQ	Scroggin & Co., Bank, Oak, Nebr.	267.7	500	1120	6:30 PM		16	17	16		Fri			CT	9-MM-QQ-Z; 8-O-U-Z; 7-WW-E-Z.
KFH	Hotel Lassen, Wichita, Kans.	267.7	500	1120	7:45 PM		16	16	16		Tues			CT	9-L-M-Q-U-Y-21; 9-II-MM-Z-21; 9-EE-II-Z-22; 9-I-M-Z-22; 9-U-AA-Z-22; 7-T-AA-Z-28; 7-J-Z-28.
KFI	Earle C. Anthony, Inc., Los Angeles, Calif.	467	5000	642	1:10 AM		63	67	64		Sun			PT	10-K-II-Z-34; 6-K-Z-UU-Y; 7-EE-II-Y; 37-7-E-OO-Z.
KFIF	Benson Polytechnic School, Portland, Ore.	247.8	150	1210										PT	
KFIO	North Central High School, Spokane, Wash.	265.3	100	1130										PT	5-U-Z; 7-S-Z.
KFIQ	Dr. I. M. Miller, Yakima, Wash.	256.3	100	1170										PT	3-S-49; 7-II-Y-28; 7-S-Z; 6-P-Z.
KFIZ	Daily Commonwealth, Fon-du-Lac, Wis.	272.6	100	1100										CT	9-A-Z-44-21-22; 7-E-Z.
KFJF	National Radio Mfg. Co., Oklahoma City, Okla.	260.7	1000	1150	7:30 PM		23	23	21		Fri			CT	9-EE-MM; 9-C-G-Z; 1-5-Q-U-Z-34; 8-Q-W-Z-34; 6-AA-Z-II-Y-34; 7-U-Y-GG-Z-OO-SS-CT
KFJM	University of North Dakota, Grand Forks, N. D.	277.6	100	1080										CT	11-EE-Z; E-M-Z.
KFJR	Ashley C. Dixon & Son, Portland, Ore.	263	100	1140										PT	1-S-X-Z-34; 2-3-4-S-W-Z; 2-BB-HH-Z; 4-AA-EE-Z; 6-SS-A-Z.
KFKB	J. R. Brinkley, Milford, Kans.	431.4	1000	695			52	56	53					CT	
KFKU	University of Kansas, Lawrence, Kans.	275.1	500	1090	7:30 PM		17	18	18					CT	1-4-I-Z-34.
KFKX	Westinghouse Electric & Mfg. Co., Hastings, Nebr.	288.8	5000	1040			20	21	22					CT	9-B-F-Z-60-KDKA; 10-S-W-Y-GG-QQ-I-Z-21; 1-4-5-Q-AA-Z-22.
KFLR	University of New Mexico, Albuquerque, N. Mex.	254.1	100	1180										MT	
KFLV	Swedish Evang. Mission Church, Rockford, Ill.	228.9	100	1310										CT	5-O-Z; 7-GG-Z-28; 7-S-Z-28.
KFMR	Morningside College, Sioux City, Ia.	260.7	100	1150										CT	8-R-Z-34.
KFMX	Carleton College, Northfield, Minn.	336.9	500	890										CT	
KFNF	Henry Field Seed Co., Shenandoah, Ia.	461.3	1000	650	7:45 PM		62	65	62					CT	9FF-MM-PP-UU-Z-34; I-Q-Z-34; 7-X-Y-OO-UU-G-O-28.
KFOA	Rhodes Dept. Store, Seattle, Wash.	454.3	1000	660										PT	1-00-Z; EE-Z-34; 3-SS-Z-34; EE-Z-34; 5-00-Z-MM; 2-5-A-EE-Z-34; 4-EE-Q-Z-34.
KFON	Nicholas & Warriner Co., Long Beach, Calif.	232.4	500	1290	8:15 PM		17	21	18		Sat			PT	16-KK-OO-WW-G-I-MM; U-WW-E-I-II-Z.
KFOO	Latter Day Saints' Uni., Salt Lake City, Utah	236.1	250	1270										MT	
KFOR	David City Tire & Electric Co., David City, Neb.	225.4	100	1380										CT	1-4-K-S-Z-34.
KFOX	Tech. High School, Omaha, Neb.	247.8	100	1210										CT	
KFPR	Los Angeles County Forestry Dept., Los Angeles, Calif.	230.6	500	1300										PT	37.
KFPY	Symons Inv. Co., Inland Em. Sta., Spokane, Wash.	272.6	250	1100										PT	12-Q-U-Z-38; 3-Q-MM-Z-22; 4-EE-II-Z-22; 6-II-MM-Z-38; 7-AA-EE-28.
KFQA	The Principia, St. Louis, Mo.	280.2	5000	1070										CT	
KFQB	Lone Star Broadcasting Co., Ft. Worth, Texas	508.2	1000	590	10:15 PM		78	78	78		Tues			CT	
KFQD	Anchorage Radio Club, Anchorage, Alaska	299.9	300	1000										AT	
KFQU	W. Ricker, Holy City, Calif.	230.6	250	1300										PT	14-AA-EE-Z; 7-II-Y-MM.
KFQW	Photo Radio & Electric Shop, Seattle, Wash.	215.7	100	1390										PT	4-U-AA-Z-34; 7-X-EE-Z.
KFRB	Hall Bros., Beeville, Texas	247.8	250	1210										CT	
KFRU	Stephens Col., A Jr. Col. for Women, Columbia, Mo.	499.7	500	600			74	77	74					CT	9-11-A-22; B-45; 3-Q-EE-Z; 7-K-Y; S-Z.

STATIONS OF 100 WATT POWER OR OVER

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watts)	Kilo-cycles	Time Heard	Dis tance	Controls			Out-door Ant.	Loop Direc-tion	Ph. or Loud Spkr.	Sig-nals	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for code)
							1	2	3						
KFSD	Airfan Radio Corp., San Diego, Calif.	245.8	1000	1220									PT	9-MM-SS-Z; N-II-Z-34; 7-A-E-N-EE-Z.	
KFSG	Angeles Temple, Los Angeles, Calif.	275.1	500	1090			32	35	34		11:30 AM	11:30 AM	PT	14-S-CC-Y; 14-KK-SS-Z; 2-3-6-C-O-Z; 4-5-7-C-U-Z.	
KFUM	W. D. Corley, Colorado Springs, Colo.	239.9	100	1250									MT	1-O-Z; 4-Q-Z; 7-U-Z.	
KFUO	Lutheran Church, Missicn Synod, St. Louis, Mo.	545.1	500	550			93	94	93				CT		
KFUR	Peery Bldg. Co., Ogden, Utah	223.7	50	1840									MT	2-4-6-X-DD-Z-24.	
KFUT	University of Utah, Salt Lake City, Utah	263	100	1140									MT		
KFVD	W. J. & C. I. McWhinnie, Venice, Calif.	205.4	500	1460									PT		
KFVE	Benson Broadcasting Co., St. Louis, Mo.	239.9	5000	1250			12	13	12				CT		
KFWB	Warner Bros., Hollywood, Calif.	252	500	1190									PT	1-2-3-H-II-Z-34; 4-5-6-M-II-Z-34; 7-AA-M.	
KFWC	L. E. Wall, Pickering Park, San Bernardino, Calif.	290	200	1030									PT	9-EE-OO-Y; UU-M-AA-MM-Z-34; 5-11-A; 6-19.	
KFWF	St. Louis Truth Center, St. Louis, Mo.	214.2	250	1400									CT	4-X-EE-Y; L-Z; 7-L-Z; X-Y.	
KFWH	Hotel Vance, Eureka, Calif.	254.1	100	1180									PT	9-GG-KK-Y; N-Z-22-50; 1-3-5-U-EE-MM-SS-Y; 7-CC-Y.	
KFWI	Radio Entertainment, Inc., S. San Francisco, Calif.	249.9	500	1200									PT	2-4-5-GG-C; 1-3-4-5-QQ-UU; 1-3-5-U-AA-Z; 1-AA-MM; 2-AA-AA; 4-EE-MM; 6-SS-A-Z; 7-EE-Y; U-MM-Z.	
KFWM	Oakland Educational Society, Oakland, Calif.	325.9	1000	920									PT		
KFWO	Major Lawrence Mott, Avalon, Calif.	211.1	500	1420									PT		
KFWU	Louisiana College, Pineville, La.	238	100	1260									CT		
KFWV	Broadcasting Studio, Portland, Ore.	212.6	100	1410									PT	9-EE-II-Y; A-MM-Z; 7-II-Y-UU-Z; E-Q-Z.	
KFXB	B. O. Heller, Big Bear Lake, Calif.	202.6	500	1480									PT	1-U-Z-21-22-50.	
KFXF	Pikes Peak Broadcasting Co., Denver, Colo.	422.3	1000	720									MT	1-U-AA-Z-48; 2-5-C-G-X-48; 2-Q-EE-Z-48; 4-U-DD-Z-24; 5-Q-AA-Z-48; 6-U-II-24; 7-EE-(Y-KK-Z-28; O-W-Z-28.	
KGA	Radio Service Co., Spokane, Wash.	340	8000	880	1:15 AM		31	31	32		Sat		PT		
KGAR	Tucson Citizen Pub. Co., Tucson, Ariz.	248.8	100	1230									MT		
KGBU	Alaska Radio Service Co., Ketchikan, Alaska	228.9	500	1310									AT		
KGBZ	Livestock Remedy Co., York, Neb.	833.1	100	900									CT		
KGCG	Moore Motor Co., Newark, Ark.	239.9	100	1250									CT		
KGCH	Wayne Hospital, Wayne, Neb.	434.5	500	690									CT		
KGCI	S. M. Rhodes, San Antonio, Texas	239.9	100	1250									CT		
KGCU	Mandan Radio Asso., Mandan, N. D.	285	250	1095									CT		
KGDM	V. G. Koping, Stockton, Calif.	217.3	---	1380									PT		
KGDO	C. H. and H. Garrett, Dallas, Texas	285	100	1052									CT		
KGDX	Shreveport, La.	291.1	---	1030									CT		
KGDY	Oldham, S. D.	210	---	1428									CT		
KGZ	Decorah, Ia.	431	---	695									CT		
KJGEA	Puget Sound Radio Broad. Co., Seattle, Wash.	344.6	---	870									PT		
KGO	General Electric Co., Oakland, Calif.	361.2	20000	830			35	36	34				PT	9-S-W-Y-KK-Y; 10-1-E-K; 9-M-EE-Z-34; 6-U-MM-Z; 7-II-Y-M-AA-Z.	
KGRS	Gish Radio Service, Amarillo, Texas	234.2	100	1250									CT	9-U-EE-Y; 1-3-5-E-Q-Z-34; 2-4-6-E-Z.	
KGU	The Honolulu Advertiser, Honolulu, Hawaii	270.1	500	1110									HT		
KGW	Portland Morning Oregonian, Portland, Ore.	491.5	1000	610									PT	9-EE-KK-Y; OO-SS-Z; M-Q-Z; 10-S-U-Z; 2-5-UU-C; 1-2-4-U-MM; 3-U-EE; 5-U-MM; 6-(EE-MM; 7-EE-Y; 8-Z.	
KHJ	The Los Angeles Times, Los Angeles, Calif.	405.2	500	740	12:30 AM		46	49	46		Sun	44 48	PT	9-OO-SS-Z-23-22; 2-3-4-O-II-Z-22-23-34; 5-6-O-EE-Z-34; 7-EE-GG-Y-28; Q-EE-Z-22-28.	
KHQ	Louis Wasmer, Inc., Davenport Hotel, Spokane, Wash.	394.5	1000	760									PT	1-4-6-M-EE-Z-34; 2-5-M-Z-MM-34; 7-GG-Y-KK-Z; M-AA-Z.	
KICK	Walnut Grove Co., Anita, Ia.	272.6	100	1100									CT	9-DD-Y-FF-Z; 3-4-K-P-Z-34; 7-19..	
KJR	Northwest Radio Co., Seattle, Wash.	384.4	20000	780									PT	9-KK-MM-Y; 9-L-EE-Z; 7-II-OO-R-GG-Z.	
KLDS	Reorg. Ch. Latter Day Saints, Independence, Mo.	440.9	1500	680	9:45 P		54	58	55		Tues		CT	2-5-G-Y-28; 2-4-6-M-Z; 5-A-Y-28; 7-AA-Y-28; QQ-G-R-Z-28.	
KLS	Warner Bros., Oakland, Calif.	249.9	250	1200									PT		
KLX	Oakland Tribune, Oakland, Calif.	508.2	500	590									PT	1-5-O-GG-Z-34; 2-4-6-A-I-ZQ-S-Z.	
KLZ	Reynolds Radio Co., Denver, Colo.	265.3	500	1130	1 AM		40	43	44		Sun		MT		
KMA	May Seed & Nursery Co., Shenandoah, Ia.	461.3	500	650	12 PM		62	66	62		Mon		CT	9-C-I-Y; CC-GG-E-AA-Z; 7-FF-KK-UU-E-Z.	
KMMJ	M. M. Johnson Co., Clay Center, Nebr.	228.9	1000	1310			7	8	9				CT	10-18-U-W-Y-63; KK-22-M-Z-22; 7-R-W-Z.	
KMO	KMO Inc., Tacoma, Wash.	249.9	500	1200									PT	1-3-5-M-EE-Z-22.	
KMOX	The Voice of St. Louis, St. Louis, Mo.	280.2	5000	1070	12 PM		19	19	19		Sat		CT	9-P-T-Y-BB-35; QQ-A-Z-22; G-AA-Z-22; 7-Q-W-Z-22.	

STATIONS OF 100 WATT POWER OR OVER

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watts)	Kilo-cycles	Time Heard	Dis tance	Controls			Out-door Ant.	Loop Direc-tion	Ph. or Loud Spkr.	Sig-nals	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for code)
							1	2	3						
KMTR	Echophone Mfg. Co., Los Angeles, Calif.	370.2	500	810										PT	
KNRC	Kierulff & Ravenscraft Co. Los Angeles, Calif.	280.2	500	1070			41	45	42	11	11	12	12	PT	1-QQ-A-Z-34; 1-2-4-5-6-U-EE-Z-34; 8-M-EE-Z-34; 4-UU-A-Z-34; 7-19.
KNX	The Express, Los Angeles, Calif.	386.9	1000	890	12:30 AM		30	32	32		Sun			PT	9-S-Y-GG-Y; SS-Z-M-Z; 10-Q-Z-MM-84; 6-Q-Z-UU-Y; 7-EE-Y-E-Z; 0-GG-Z.
KOA	General Electric Co., Denver, Colo.	322.4	20000	980	11:30 PM		27	28	27	Sat				MT	9-HH-Y-JJ-Z-21-44-49; 5-U-Z-EE; 7-K-T-Z; 1-5-K-BB; 2-4-K-O-Z; 3-K-II-Y.
KOAC	Oregon Agricultural College, Corvallis, Ore.	280.2	500	1070										PT	1-3-5-S-W-Z-36-21-85-84.
KOB	Col. of Agri. & Mech. Arts, State College, N. M.	348.6	1000	860										MT	9-HH-KK-Y-21-44-35-50; AA-BB; 21-44-85.
KOCH	Omaha Central High School, Omaha, Neb.	258.5	500	1160										CT	1-2-4-O-U-Z-84; 6-EE-84; 7-SS-Z.
KOCW	Oklahoma College for Women, Chickasha, Okla.	252	200	1190			163	16	17					CT	2-4-6-M-Z-22; 3-U-Y-28.
KOIL	MonaMotor Oil Co., Council Bluffs and Omaha	305.9	500	980	12 PM		24	24	24		Mon			CT	9-EE-Y-22; 1-E-EE-Z-84; 4-5-6-E-Q-Z; 4-5-6-7; AA-Z-EE-84; 7-U-Y-28; I-Q-Z.
KOIN	KOIN Inc., Sylvan, Ore.	319	1000	940										PT	9-MM-QQ-A-E-Z; 10-U-EE-Z-34; 1-EE-II-Z; 7-T-FF-28-84.
KOMO	American Radio Tel. Co., Seattle, Wash.	305.9	1000	980										PT	2-Q-AA-Z; 3-U-EE-Z; 5-Q-MM-Z-34; 7-QQ-UU-Z-28-AA-FF-Z.
KOWW	Frank A. Moore, Walla-Walla, Wash.	285.5	500	1050										PT	1-4-5-Q-MM-Z; 2-3-MM-QQ-Z; Q-MM-Z; 4-MM-QQ-Y; 6-UU-MM-Z.
KPO	Hale Bros. and The Chronicle, San Francisco, Calif.	428.8	1000	700	12:45 AM		52	54	52		Sun			PT	9-Q-U-GG-MM-Y; NN-S-Y-22; 10-U-II-Z-34; 6-U-II-Z; 7-EE-Y-28-M-EE-22; 2-3-4-GG-Y.
KPRC	Houston Post Dispatch, Houston, Texas	296.9	750	1010	9:45 PM		21	23	22		Wed			CT	9-AA-Y-EE; 35-44-21; 10-G-S-Z-22-27; 7-X-Y-28; S-EE-Z-22.
KPSN	Pasadena Star News, Pasadena, Calif.	315.6	1000	950										PT	2-4-6-U-AA-Z-34; 7-GG-KK-Y.
KQV	Doubleday-Hill Elec. Co., Pittsburgh, Pa.	275.1	500	1090										ET	10-S-U-Y-MM-UU-6-S-U-Y; 7-19.
KQW	First Baptist Church, San Jose, Calif.	383.1	500	900			29	29	30					PT	10-CC-GG-Y-35-O-U-Z-28-34; 6-CC-S-Z; 7-DD-GG-Y-S-CC-Z-28.
KRE	The Daily Gazette, Berkeley, Calif.	256.8	150	1170										PT	9-S-Y-JJ-K-Z; 1-4-U-EE-Z; 2-AA-II-Z; 5-AA-MM-Z; 6-U-QQ-Z; 7-EE-II-28; 0-AA-Z.
KRLD	Dallas Radio Lab., Dallas, Tex.	357.1	500	840	12:15 AM		34	35	35		Sun			CT	
KSAC	Kansas State Agri. College, Manhattan, Kans.	340.7	500	880			29	33	33					CT	9-Q-W-Y-26; GG-II-26; 9-WW-A-42; 9-O-I-Z-26-35-21-84; 4-M-EE-Z-67.
KSBA	Shreveport Broadcasting Asso., Shreveport, La.	260.1	1000	1150	10:15 P		13	16	16		Thu	Tues		CT	
KSD	St. Louis Post Dispatch, St. Louis, Mo.	545.1	500	550										CT	9-Every hour 8:40-8:40-Z; 1-M-U; 2-8-E-M-Z; 4-E-S; 5-E-U; 6-I-S; 7-B-J.
KSEI	KSEI Broadcasting Asso., Pocatello, Idaho	260.7	500	1150										MT	
KSL	Radio Service Corp., Salt Lake City, Utah	299.8	1000	1000	10 PM		22	24	24		Thurs			MT	1-3-5-S-EE-Y; 1-O-W-Z; 2-4-Q-AA-Z; 8-5-N-CC-Z; 6-R-EE-Z; 7-II-Y-A-I-EE-Z.
KSMR	S. M. Val. Ry., Santa Maria, Calif.	282.8	100	1060										PT	9-O-Y; 2-4-6-U-X; 2-4-Q-S-Z.
KSO	Berry Seed Co., Clarinda, Ia.	405.2	500	740	Tues 7 AM		46	48	48					CT	9-EE-II-84; 10-I-Q-Z-84; 7-AA-Y-EE-28.
KSOO	Sioux Falls Broad. Asso., Sioux Falls, S. D.	360	100	833										MT	
KTAB	The Associated Broadcasters, Oakland, Calif.	302.8	1000	990										PT	1-2-4-5-U-EE-Z-34; 7-DD-Y-MM; T-AA-Z.
KTBI	Bible Institute, Los Angeles, Calif.	293.9	750	1020										PT	9-W-Y-UU-Z-R-CC-Z; 7-HH-Y-28; M-CC-Z.
KTHS	New Arlington Hotel, Hot Springs, Ark.	374.8	1000	800	Mon 11 AM		38	41	40					CT	9-GG-KK-Z-21-22; 8-Q-CC-Z-22.
KTNT	Norman Baker, Muscatine, Ia.	333.1	1000	900			28	30	30					CT	9-EE-GG-Z-34; 10-G-K-Z-34; 7-G-K-Z.
KTW	First Presbyterian Church, Seattle, Wash.	454.8	1500	660										PT	7-II-Y-OO-28; A-G-Z-28; S-EE-Z-28.
KUOA	University of Arkansas, Fayetteville, Ark.	299.8	750	1000										CT	
KUOM	State University of Montana, Missoula, Mont.	243.8	500	1230										MT	
KUSD	University of South Dakota, Vermillion, S. D.	277.6	100	1080										CT	
KUT	University of Texas, Austin, Texas	230.6	500	1300										CT	1-3-M-U-Z-67; 7-AA-Y-28.
KVOO	Southwestern Sales Corp., Bristow, Okla.	374.8	1000	800	12:30 AM		38	43	42		Sun			CT	9-I-Q-Y; CC-GG-Z; QQ-7-Z; E-Q-Z.
KWCR	H. F. Parr, Cedar Rapids, Ia.	296	500	1013										PT	
KWKC	Wilson Duncan Studios, Kansas City, Mo.	236.1	100	1270										CT	2-3-4-5-I-Q-Z.
KWKH	W. G. Patterson, Shreveport, La.	312.6	1000	960	28		31	32						CT	1-4-M-S-Z-22; 2-Q-EE-Z; 6-Q-EE-53; 7-S-Y-22-A-Q-Z.
KWSC	State College of Washington, Pullman, Wash.	348.6	500	860										PT	1-3-5-S-AA-Z-22-26-34-35-38-39-40-45.
KWWG	Brownsville, C. of C., Brownsville, Texas	277.6	500	1080										CT	9-EE-Y-CC-44; 9-E-C-Z-34; 1-4-0-EE-Z-34.
KYA	San Francisco, Calif.	399.8	---	750										PT	
KYW	Westinghouse Elec. & Mfg. Co., Chicago, Ill.	535.4	4500	560	11 AM		87	88	89		Tues			CT	9-CC-Y-MM-Z; 7-AA-Y-UU-Z; Q-Z; 9-AA-Y & Z-58.
KXL	KXL Broadcasters, Portland, Ore.	399.8	---	750										PT	
KZKZ	Electric Supply Co., Manila, P. I.	270.1	100	1110										MT	
KZM	P. D. Allen, Oakland, Calif.	239.9	100	1250										PT	9-O-Q-22.
KZRQ	Far Eastern Radio Co., Manila, P. I.	222	500	1350										PT	
NAA	U. S. Navy, Arlington (Radio) Va.	484.5	1000	690										ET	Time signals, 35-34-46-29.
PWX	Telephone Co., Havana, Cuba	399.8	500	750	47		50	47						CT	Cuban Time

## STATIONS OF 100 WATT POWER OR OVER

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watts)	Kilo-cycles	Time Heard	Dis tance	Controls			Out-door Ant.	Loop Direc-tion	Ph. or Loud Spkr.	Sig-nals	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for code)
							1	2	3						
WAAF	Drovers Journal, Chicago, Ill.	277.6	200	1080										CT 9-P-Y-X-AA-HH; 10-QQ-WW-Z-55-44.	
WAAMI	R. Nelson, Newark, N. J.	263	500	1140										ET 10-U-Y; A-Z; 2-T-S-W-Y; 7-A-Z; 7-U-Y.	
WAAT	Frank V. Bremer, Jersey City, N. J.	235	500	1276										ET	
WAAW	Omaha Grain Exchange, Omaha, Nebr.	277.6 384.4	500	1080 780	2	PM	4 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>		Fri			CT 2-4-6-M-AA-Z-34; 9-S-U-AA-BB-EE-Y-21; 9-FF-II-Z; JJ-LL-Z-21; 9-M-O-Z-21-35.	
WABC	Atlantic Broadcasting Co., Richmond Hill, N. Y.	315.6	5000	950										ET 9-AA-GG-Z-22-26-34; 1-G-II-Y; 3-5-G-W-Z; 6-AA-II-Y-22-26-34; 7-19.	
WABF	Markle Broadcasting Corp., Kingston, Pa.	410.7		730										ET	
WABI	First Universalist Church, Bangor, Me.	239.9	100	1250										ET S-Y-28; K-Z-48.	
WABO	Lake Avenue Baptist Church, Rochester, N. Y.	277.6	100	1080										ET	
WABQ	Haverford College Radio Club, Haverford, Pa.	260.7	1000	1150										ET Programs irregular.	
WABX	H. B. Joy, Mt. Clemens, Mich.	245.8	500	1220										CT	
WADC	Allen T. Simmons, Allen Theater, Akron, Ohio	258.5	1000	1160	9	30 PM	1/4	15	14		Mon			ET U-Y-49; 1-8-4-6-M-Z-24; 2-5-I-U-Z-34; 7-CC-Z-49.	
WAFD	A. B. Parfet Co., Port Huron, Mich.	275.1	500	1090										CT 3-5-M-U-Z-39-22-24; 2-U-Y-EE-22-89-40; 5-M-U-Z-39-22-24; 7-U-Z-CC-33-28.	
WAHG	A. H. Grebe & Co., Inc., Richmond Hill, N. Y.	315.6	5000	950										ET 9-AA-GG-Z-22-26-34; 1-G-H-Y; 3-5-G-W-Z; 6-AA-II-Y-22-26-34; 7-19.	
WAIU	American Insurance Union, Columbus, Ohio	298.9	500	1020										CT 9-EE-II-21-44-50; 1-5-E-CC-Z-2-E-EE-Z; 3-4-E-I-Z; 6-R-AA-Z; 7-QQ-UU-Z.	
WAMD	Raddison Radio Corp., Minneapolis, Minn.	248.8	1000	1230										CT 1-4-5-6-II-Z; 1-D-AA-Z; 2-EE-GG; 4-B-J; 3-5-I-AA; 6-F-S-Z.	
WAPI	Alabama Polytechnic Institute, Auburn, Ala.	461.3	1000	650										CT 1-8-EE-II-Z; 2-4-M-Q-Z-34; 6-7-19.	
WARC	American Radio Res. Corp., Medford Hillside, Mass.	260.7	100	1150										ET	
WARS	Amateur Radio Spec. Co., Brooklyn, N. Y.	295	500	1016										ET	
WASH	Baxter Laundry, Grand Rapids, Mich.	256.3	500	1170										CT	
WATT	Edison Elec. Lum. Co., Massachusetts (Portable)	243.8	100	1230										ET	
WBAA	Purdue University, West Lafayette, Ind.	272.6	250	1100										CT 9-T-Y-44-21; 1-5-J-35-22; 7-19.	
WBAK	Penn. State Police, Harrisburg, Pa.	275.1	500	1090										ET	
WBAL	Consolidated Gas & E. L. & P. Co., Baltimore, Md.	245.8	5000	1220										ET 1-2-4-5-A-Q-Z; 7-G-K-22.	
WBAO	Jas. Millikin University, Decatur, Ill.	270.1	100	1110										CT	
WBAP	Star Telegram, Ft. Worth, Tex.	475.9	10000	630										CT 9-Hourly Q-QQ; 18-EE-GG-K-AA-34; 1-4-5-AA-Z-EE; 7-AA-Y-28-S-AA-Z.	
WBAW	Braid Elec. Co., Nashville, Tenn.	241.8	100	1240										CT 7-K-Z-28.	
WBAX	J. H. Stenger, Jr., Wilkes-Barre, Pa.	256.8	100	1170										ET	
WBBC	Peter J. Testan, Brooklyn, N. Y.	249.9	100	1200										ET	
WBBL	Grace Presbyterian Church, Richmond, Va.	228.9	100	1810										ET 2-1-Z; 7-U-Y-H-Z-28.	
WBBM	H. Leslie Atlas & Ralph L. Atlas, Chicago, Ill.	225.4	1500	1830	2	AM	10	10	8		Sun			CT 1-UU-I-Z-57; 14-UU-E-Z-34; 3-7-M-U-34; 3-EE-MM-Y-34; 2-4-M-Z-EE-34; 6-M-MM-Y; 7-CT 2-Q-W-Z; 5-M-S-Z; (GG-MM-EE-QQ-Y-34. 7-W-Y-QQ-Z-28.	
WBPP	Petoskey High School, Petoskey, Mich.	238	200	1260										ET 4-6-1-M-Z-28-22; 7-Q-AA-11-QQ-M-S-Z-28.	
WBBR	People's Pulpit Asso., Rossville, N. Y.	416.4	500	720										CT	
WBBZ	C. L. Carrell, Chicago, Ill. (Portable)	215.7	100	1390										CT	
WBCN	Foster & McDonnell, Chicago, Ill.	265.3	500	1130										CT 9-P-U-Y-35; 16-MM-A-Z-42-56; 16-E-I-Z-40; 16-Q-AA-EE-Y-29; 2-4-AA-EE-Y-29.	
WBES	Bliss Electrical School, Takoma Park, Md.	222	100	1350										ET	
WBET	Boston, Mass.	384.4		780										ET	
WBKN	Arthur Flaske, Brooklyn, N. Y.	291.7	100	1030										ET	
WBNY	Baruchrome Corp., New York, N. Y.	322.4	5000	930										ET 10-E-U-Z; 7-KK-Z-A-Z.	
WBOQ	A. H. Grebe & Co., Inc., Richmond Hill, N. Y.	286.1	500	1270										ET 87.	
WBRE	Baltimore Radio Exchange, Wilkes-Barre, Pa.	280.6	100	1800										ET 3-5-7-K-W-Z-34.	
WBRL	Booth Radio Lab., Tilton, N. H.	410.7	500	730										ET	
WBRS	Universal Radio Mfg. Co., Brooklyn, N. Y.	394.5	100	760										ET	
WBSO	Wellesley Hills, Mass.	242		1239										ET	
WBT	C. C. Codington, Charlotte, N. C.	275.1	250	1090										ET 9-G-Z-34; 1-I-P-R-Z-34; 4-M-Z-34.	
WBZ	Westinghouse Electric & Mfg. Co., Springfield, Mass.	333.1	5000	900										ET 9-E-U-Z; 7-I-Q-Z.	
WBZA	Westinghouse Elec. & Mfg. Co., Boston, Mass.	333.1	500	900										ET	
WCAC	Conn. Agri. College, Storrs, Conn.	275	500	1090										ET 1-3-5-I-35-22.	
WCAD	St. Lawrence University, Canton, N. Y.	263	250	1140										ET 9-U-V-Y-35-44-35; 3-I-Q-Z-48; 4-7-G-W-Z-60-WGY.	
WCAE	Kaufmann & Baer & Pgh. Press, Pittsburgh, Pa.	461.5	500	650										ET DS. 9-CC-SS-Z; 1-A-AA-Z; 2-3-4-5-C-U-Z; 6-C-Q-Z; 7-QQ-Z; C-T-Z; 20-60-WEAF.	
WCAH	Enteklin Elec. Co., Columbus, Ohio	265.3	500	1180										ET	

# STATIONS OF 100 WATT POWER OR OVER

Call Letters	NAME AND ADDRESS OF BROADCASTER	Meter Length	Power (Watts)	Kilo-cycles	Time Heard	Distance	Controls			Out-door Ant.	Loop Direction	Ph. or Loud Spkr.	Signals	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for code)
							1	2	3						
WCAJ	Nebraska Wesleyan University, University Place, Nebr.	254.1	500	1180										CT	8-M-Z-5-I-Z.
WCAL	St. Olafs College, Northfield, Minn.	336.9	500	890										CT	13-T-Y-28-1-5-7-O-Z-22-28; 4-I-Z-22; 7-R-Z-28.
WCAM	City of Camden, Camden, N. J.	336.9	500	890										ET	
WCAO	Monumental Radio, Inc., Baltimore, Md.	275.1	100	1090										ET	1-8-5-C-U-Z
WCAR	Southern Radio Corp., San Antonio, Texas	268	1500	1140										CT	9-M-U-Z.
WCAU	Universal Broadcasting Co., Philadelphia, Pa.	277.6	500	1080										ET	1-G-Z-AA; 2-3-4-5; D-Z-EE-Y; 7-UU-M-Z.
WCAX	University of Vermont, Burlington, Vt.	252	100	1190										ET	
WCBA	C. W. Heimbach, Allentown, Pa.	254.1	125	1180										ET	3-5-G-Q-Z-22-27; 6-M-U-Z-24; 7-Q-Y-WW-E-Z-28; 7-O-S-Z-22.
WCBD	Wilbur Glenn Voliva, Zion, Ill.	344.6	5000	870	9	PM	31	32	32					CT	2-4-Q-CC-43; 3-KK-OO-Z-49; 5-H-L-Z; 6-S-AA; 7-Q-T-Y; Q-DD-Z-28.
WCBR	Chas. H. Messter, Portable, U. S., Providence, R. I.	234.2	100	1280										ET	Licensed for U. S.-87.
WCBS	Harold D. Dewing, Providence, R. I.	241.8	150	1240										ET	
WCCO	Gold Medal Station, Minneapolis, St. Paul, Minn.	416.4	5000	720	12	PM	48	50	50				Mon	CT	9-P-Y-&-S-W-21; 1-J-AA-Z; 2-I-CC-Z; 8-I-KK-Z; 4-5-6-J-FF-Z; 7-B-CC-Z.
WCFL	Chicago Federation of Labor, Chicago, Ill.	491.5	1000	610										CT	9-E-U-Z.
WCGU	C. G. Unger, Lakewood, N. J.	350.6	500	855										ET	
WCLS	WCLS, Inc., Joliet, Ill.	214.2	150	1400										CT	2-3-5-6; M-AA-Z; 7-S-EE-Y; U-AA-Z.
WCMA	Culver Military Academy, Culver, Ind.	258.5	100	1160										CT	
WCOA	Municipal Station, Pensacola, Fla.	215 222.1	500	1850	12	Mid	12 1/2	13	12				Mon Wed Fri	ET	
WCOM	Manchester, N. H.	252		1190										ET	
WCSH	Congress Square Hotel, Portland, Me.	499.7	500	600										ET	1-Q-Y-U-Z; 2-3-5-AA-Y-U-Z; 4-Q-EE-Z; 4-A-U-Z; 5-AA-GG-Z-A-I-Z; 7-S-GG-Z; (R-Z.
WCOS	Wittenberg College, Springfield, Ohio	247.8	100	1210										ET	
WCWK	C. W. Keen, Ft. Wayne, Ind.	234.2	500	1280										CT	
WCWSC	W. Selden, Bridgeport, Conn. (Portable)	232.4	500	1290										ET	
WCX	Detroit Free Press, Pontiac, Mich.	516.9	5000	580	Wed	9:30	79	82	79					ET	9-QQ-21-44-50-55-A-Z-I-82; 2-Q-II-Z-24; 7-I-Z.
WDAD	Dad's Auto Accessories, Inc., Nashville, Tenn.	225.4	150	1830	7:15	PM	4	5 1/2	6 1/2				Tues	CT	9-SS-A-Z; M-U-Z; 7-QQ-UU-Z.
WDAE	Tampa Daily Times, Tampa, Fla.	272.6	250	1100										ET	9-M-II-Y; 7-G-O-Z.
WDAF	The Kansas City Star, Kansas City, Mo.	365.6	1000	820	1:30	PM	37	39	38				Mon	CT	9-SS-WW-45-22; 9-E-I-Z-22-26; 1-3-5-6-M-U-22; 9-DD-Z-II-Z-22; 7-QQ-XX-Z.
WDAG	J. Lawrence Martin, Amarillo, Texas	268	100	1140										CT	9-DD-21-44; 2-4-Q-AA-Z-22.
WDBE	Gilham Elec. Co., Atlanta, Ga.	270.1	100	1110										CT	
WDBK	Stanley J. Broz, Cleveland, Ohio	227.1	100	1820										ET	2-5-K-AA-Z.
WDBO	Central Florida Broadcasting, Inc., Winter Park, Fla.	239.9	1000	1250										ET	1-3-5-F-J; L-S-Z-84; 2-F-H-N-T-Z-34; 4-6-F-L-M-Q; 6-M-AA; 7-U-AA-Y-28-G-K.
WDEL	Wilmington Elec. Spec. Co., Wilmington, Del.	265.3	100	1180										ET	2-4-I-Q-Z; 7-G-O-Z-28.
WDGY	Dr. Geo. Young, Minneapolis, Minn.	263	500	1140										CT	9-67.
WDOD	Chattanooga Radio Co., Inc., Chattanooga, Tenn.	256.3	500	1170	11:45	PM	13 1/2	15 1/2	14 1/2				Mon	CT	1-3-5-G-M-Z-49-38; 7-R-V-Z-28; 1-3-5-6-O-U-Z-38; 7-AA-Y-28; K-Z-28.
WDRC	Doolittle Radio Corp., New Haven, Conn.	267.7	500	1120										ET	1-3-5-D-F-Z; 1-3-I-Q-Z; 7-U-Y.
WDFW	Duttee W. Flint, Cranston, R. I.	440.9	500	680										ET	
WDWM	Radio Ind. Broad. Co., Newark, N. J.	280.2	500	1070										ET	
WDXL	DXL Radio Corp., Detroit, Mich.	296.9	250	1010										ET	
WDZ	J. L. Bush, Tuscola, Ill.	277.6	100	1080										CT	9 Every Half Hour; S-11-55.
WEAF	National Broadcasting Co., New York, N. Y.	491.5	5000	610										ET	9-D-I-Y; 10-AA-Y-FF-Z; 10-QQ-AA-Z; 6-DD-HH-Z; QQ-AA-Z; 7-MM-S-Z.
WEAI	Cornell University, Ithaca, N. Y.	254.1	500	1180										ET	
WEAM	Borough of N. Plainfield, N. Plainfield, N. J.	260.7	250	1150										ET	
WEAN	Shepard Stores Co., Providence, R. I.	367	500	815										ET	17-WW-O-Z; 7-C-H-Z-6-19.
WEAO	The Ohio State University, Columbus, Ohio	293.9	1000	1020										ET	9-P-U-Y-21-EE-QQ-Z-22; 2-E-M-Z-22-35; 3-I-U-Z-22-35; 7-19.
WEAR	Willard Storage Battery Co., Cleveland, Ohio	389.4	8500	770										ET	9-21-68; 10-21.
WEAU	Davidson Bros. Co., Sioux City, Ia.	275.1	100	1090										CT	
WEBC	W. C. Bridges, Superior, Wis.	241.8	100	1240	12	PM	12	12 1/2	12 1/2					CT	
WEBH	Edgewater Beach Hotel, Chicago, Ill.	870.2	2000	810	12	PM	30 1/2	40	37				Sat	CT	2-3-4-5-E-CC-Y; 1-19-6-E-11-Y; 7-UU-M-Z..
WEBJ	Third Ave. R. R. Co., New York, N. Y.	272.6	500	1100										ET	2-8-5-E-M-Z.
WEBL	Radio Corp. of America, U. S. (Portable)	225.4	100	1830										US	
WEBR	H. H. Howell, Buffalo, N. Y.	243.8	100	1230										ET	1-3-5-6-7-G-W-Z-34; 7-S-AA-QQ-Z.



# STATIONS OF 100 WATT POWER OR OVER

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watts)	Kilo-cycles	Time Heard	Distance	Controls			Out-door Ant.	Loop Direction	Ph. or Loud Spkr.	Signale	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for code)
							1	2	3						
WEBW	Beloit College, Beloit, Wis.	267.7	700	1120									CT		
WEDC	E. Denmark Broad. Sta., Chicago, Ill.	249.9	1000	1200									CT		
WEEI	The Edison Elec. Illuminating Co., Boston, Mass.	348.6	500	860									ET	10-A-M-Z; 7-VV-K-Z.	
WEMC	Emmanuel Miss. College, Berrien Springs, Mich.	315.6	4000	950									CT	10-M-Y-28; 1-3-N-Z-22-34-35; 5-Q-Z-28; 7-P-Z-28.	
WENR	All-American Radio Corp., Chicago, Ill.	265.3	1000	1180	1:45 AM	21	17	17			Sun		CT	9-I-K-Y; 2-5-AA-Y-EE; 2-3-4-5-II-QQ-Z; 16-E-I-Z; M-U; 3-5-6-EE-MM; 7-R-V-Y-MM-UU- (E-I-S-EE-Z.	
WEPS	Ralph G. Matheson, Gloucester, Mass.	295	100	1016									ET		
WEW	St. Louis University, St. Louis, Mo.	360	1000	833									CT	9-Q-U-Y-MM-44-21; 2-4; I-Z-26-22; 7-MM-Z; 7-J-Z.	
WFAA	Dallas News and Journal, Dallas, Texas	475.9	500	680	12:45 AM	66	70	68			Sun		CT	1-4-5-G-Y-S-Z; 3-G-Y-QQ-Z; 2-6-G-Y-EE-Z; 7-00-EE-Z.	
WFAV	University of Nebraska, Lincoln, Neb.	275.1	500	1090									CT		
WFBE	Garfield Hotel, Cincinnati, Ohio	232.4	500	1290									ET		
WFBG	W. F. Gable Co., Altoona, Pa.	277.6	100	1080									ET		
WFBJ	St. John's University, Collegeville, Minn.	286.1	100	1270									CT		
WFBL	Onondaga Hotel, Syracuse, N. Y.	252	100	1190									ET		
WFBM	Merchants Lighting Co., Indianapolis, Ind.	267.7	250	1120			153	17	17 3/4				CT		
WFBR	Fifth Inf. M. N. G., Baltimore, Md.	254.1	100	1180									ET	2-4-6-G-Z-67; 7-U-Y-28.	
WFCI	Frank Crook, Inc., Pawtucket, R. I.	258.5	100	1160									ET		
WFDL	F. D. Fallain, Flint, Mich.	234.2	100	1280									CT		
WFI	Strawbridge & Clothier, Philadelphia, Pa.	304.5	500	760			463	48 1/2	49 1/2				ET	1-3-5-A-E-Z; 2-4-6-WW-U-Z; 7-00-SS-Z.	
WFKB	Vesta Bat. Co., Chicago, Ill.	217.3	500	1380									CT		
WFKD	Foulkord Radio Eng. Co., Philadelphia, Pa.	249.0	---	1200									ET		
WFRL	R. M. Lacey, Brooklyn, N. Y.	205.4	100	1460									ET		
WGBB	H. H. Carman, Freeport, N. Y.	248.8	100	1230									ET		
WGBF	The Finke Furniture Co., Evansville, Ind.	236.1	500	1270									CT	9-J-28; 9-EE-JJ-35-34-44-21-22; 2-5-I-Z-22; 5-AA-Z-22.	
WGBS	Gimble Bros., New York, N. Y.	315.6	500	950									ET	1-A-B-Z; 2-6-UU-S-Z; 3-4-UU-II-Z; 5-19; 7-E-I-Z.	
WGBU	Chamber of Commerce, Fulford by the Sea, Fla.	277.6	500	1080									ET	9-C-Z-EE-Y; 7-O-AA.	
WGBX	University of Maine, Orono, Me.	234.2	500	1280									ET	3-G-M-Z-34; 7-II-MM-Z.	
WGCP	May Radio Broadcasting Corp., Newark, N. J.	252	500	1190									ET	1-I-S-Z; 2-19; 3-5-A-J-Z; 4-O-AA-Z; 7-11-UU-Z.	
WGES	Oak Leaves Broadcasting Co., Chicago, Ill.	315.6	1000	950	1:30 AM	26	28	28			Sun		CT	1-UU-E-Z; 16-UU-Z-EE-Y; 7-UU-II-Y.	
WGHB	Fort Harrison Hotel, Clearwater, Fla.	265.3	500	1130									ET	8-C-G-Z-K-O-Z-X-Z-EE-Y-38.	
WGHP	G. H. Phelps, Inc., Detroit, Mich.	270.1	1500	1110									ET	10-A-Z-EE-Y.	
WGMU	A. H. Grebe & Co., Inc., Richmond Hill, N. Y. (Portable)	236.1	100	1270									ET	87.	
WGN	The Tribune, Chicago, Ill.	302.8	1500	990	1:30 AM	22 1/2	24	24					CH	2-4-5-6-D-U-Z; 7-MM-U-Z; 3-D-Z-CC-Y.	
WGR	Federal Radio Corp., Buffalo, N. Y.	319	750	940									ET	9-D-Y-68-AA-DD-Y-44-43-KK-SS-Z-43; 9-C-G-Z-22; 1-U-22-44; 7-T-Y-R-N-Z-28.	
WGST	Georgia School of Tech., Atlanta, Ga.	270.1	500	1110									CT		
WGWB	Radiocast Co. of Wisconsin, Milwaukee, Wis.	384.4	1000	780									CT		
WGY	General Electric Co., Schenectady, N. Y.	379.5	5000	790	1:45 P.M.	38 1/2	39	38 1/2			Thurs		ET	10-II-MM-42; 1-A-G-Z-21; 2-A-U-21; 3-A-Q-2-4-A-W-21; 5-A-CC-21; 6-G-W-21; 7-S-Y- (AA-28-A-S-Z-21.	
WHA	University of Wisconsin, Madison, Wis.	585.4	750	560									CT	1-3-5-M-Q-Z.	
WHAD	Marquette University, Milwaukee, Wis.	275.1	500	1090									CT	9-EE-HH-Z-34; UU-A-E-I-34; 7-RR-B-Z; 1-4-M-W-Z; 2-M-CC-Z; 3-M-O-Z.	
WHAM	Eastman School of Music, Rochester, N. Y.	277.6	100	1080									ET		
WHAP	Wm. H. Taylor Finance Co., New York, N. Y.	481	500	690									ET		
WHAR	F. P. Cooks Sons, Atlantic City, N. J.	275.1	1000	1090									ET	1-4-C-U-Z; 2-5-6; C-1-Z; 7-D-M-Z.	
WHAS	Courier Journal-Times, Louisville, Ky.	399.8	500	750			43 1/2	48	45				CT	16-O-Q-Z; 1-19-7-WW-C-Z.	
WHAZ	Rensselaer Polytechnic Institute, Troy, N. Y.	379.5	500	790									ET	1-K-AA-Z-22-85.	
WHB	Sweeney Auto & Elec. School, Kansas City, Mo.	365.6	500	820	7:00 P.M.	36	38 1/2	37			Tues		CT	10-II-MM-22; 10-I-M-Z-22; 2-4-M-AA-Z; 7-M-11-2.	
WHBF	Beardsley Specialty Co., Rock Island, Ill.	222.1	100	1350									CT		
WHBP	Johnstown Auto Co., Johnstown, Pa.	256.3	100	1170									ET		
WHBS	Beardsley Spec. Co., Rock Island, Ill.	221.1	100	1355									CT		
WHBW	D. R. Kienzle, Philadelphia, Pa.	215.7	100	1390									ET		
WHDI	Wm. Hood Dunwoody, Minneapolis, Minn.	277.6	500	1080									CT		
WHEC	Hickson Elec. Co., Rochester, N. Y.	258.5	100	1160									ET		

# STATIONS OF 100 WATT POWER OR OVER

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watts)	Kilo-cycles	Time Heard	Dis tance	Controls			Out-door Ant.	Loop Direc-tion	Ph. or Loud Spkr.	Sig-nale	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for code)
							1	2	3						
WHFC	Triangle Broadcasters, Chicago, Ill.	258.5	150	1160			132	133	154					CT	
WHK	Radio Air Service Corp., Cleveland, Ohio	272.6	1000	1100										ET	
WHN	George Schubel, New York, N. Y.	861.2	500	830										ET	1-WW-W-Z; 2-3-4-5-UU-AA-Z; 11-W-Z.
WHO	Bankers Life Ins. Co., Des Moines, Ia.	526	5000	570	8 15 PM		83	86	85			Tues		CT	9-T-Y-EE; 1-2-4-5-7-K-Q-Z-84; 8-E-EE-Z; 7-AA-Y-28-UU-E-AA-Z-EE.
WHT	Radiohone Broadcasting Asso., Chicago, Ill.	899.8	8500	750	11 30 PM		46	47	45			Wed		CT	16-I-Z-II-Y-84; 1-19; 7-I-Z-II-Y.
WIAD	Howard Miller, Philadelphia, Pa.	249.9	100	1200										ET	2-5-84.
WIAS	Home Electric Co., Burlington, Ia.	254.1	100	1180										CT	1-5-M-Q-Z-24-48; 7-W-Y-28.
WIBA	Capital Times and Strand Theatre, Madison, Wis.	286.1	100	1270										CT	
WIBO	Nelson Bros., Chicago, Ill.	225.4	1000	1880			62	61	10					CT	1-19; 2-4-5; A-Z-II-Y; 8-A-AA-Z; 6-A-I-Z; 7-A-AA-Z.
WIBU	The Electric Farm, Poynette, Wis.	222.1	100	1850										CT	
WIBW	Dr. L. L. Dill, Logansport, Ind.	220.4	100	1860										CT	9-EE-FF-Z; 4-M-U-Z-84; T-J-U-Z-84; 7-K-Q-Z.
WIBX	WIBX Inc., Hotel Utica, Utica, N. Y.	284.2	150	1280										ET	9-X-Y; 2-C-M-Z; 4-5-6-C-G-Z; 4-M-Q-Z; 5-Q-U-Z; 6-U-EE-Y; 7-S-Y-28-MM-48-G-28.
WICC	Bridgeport Broad. Sta., Bridgeport, Conn.	285.2	500	1050										ET	
WIL	Benson Radio Co., St. Louis, Mo.	258.5	350	1160										CT	
WIOD	Carl G. Fisher Co., Miami, Fla.	247.8	1000	1210										ET	
WIP	Gimble Bros., Philadelphia, Pa.	508.2	500	590										ET	1-8-5-UU-E-Z; 2-UU-S-Z; 4-UU-U-Z; 6-E-U-Z; 7-B-F-Z.
WJAD	Jackson's Radio Elec. Co., Waco, Texas	852.7	500	850			33	34	34					CT	
WJAF	J. S. Fenberg Radio Co., Ferndale, Mich. <i>WTHO</i>	407	500	780										ET	
WJAG	Norfolk Daily News, Norfolk, Nebr.	270.1	200	1110										CT	9-FF-JJ-Z-84.
WJAM	D. M. Perham, Cedar Rapids, Ia.	267.7	100	1120										CT	
WJAR	The Outlet Co., Providence, R. I.	805.9	500	980										ET	1-4-5-D-QZ; 8-C-QZ; 2-C-M-Z; 6-19; 7-UU-N-Z.
WJAS	Pittsburgh Radio Supply House, Pittsburgh, Pa.	275.1	500	1090										ET	9-E-2-AA-84; 7-19.
WJAX	City of Jacksonville, Jacksonville, Fla.	830.9	1000	890			32	318	292					ET	1-2-8-6-I-Q-Z-22-24; 1-U-AA-Z. 5-M-Q-Z-24; 7-U-AA-Y-28-M-Q-Z-28.
WJAZ	American Radio Broad. Corp., Chicago, Ill. <i>2800 AM 12 12 12</i>	329.5	10000	910	12 30 AM		28	29	29			Sun		CT	4-U-Z-II-Y-84.
WJBC	Hummer Furniture Co., LaSalle, Ill.	284.2	100	1280										CT	9-GG-Z; 1-M-84; 7-K-Z-84.
WJBI	Robert S. Johnson, Red Bank, N. J.	218.8	250	1870										ET	
WJBL	Wm. Gushard Dry Goods Co., Decatur, Ill.	270.1	500	1110	12 PM		17	17	17			Sat		CT	
WJBO	V. Jensen, New Orleans, La.	267.7	100	1120										CT	
WJBT	J. S. Boyd, Chicago, Ill.	468.5	500	640										CT	
WJBU	Bucknell University, Lewisburg, Pa.	211.1	100	1421										ET	87.
WJBV	Union Course Lab., Woodhaven, N. Y.	288.3	100	1040										ET	
WJBZ	R. G. Palmer, Chicago Heights, Ill.	419.8	100	780										CT	
WJJD	Loyal Order of Moose, Chicago, Ill.	870.2	500	810			37	38	38					CT	16-WW-EE-Y-22; 1-19; 7-MM-QQ.
WJR	Jewett Radio & Phono. Co., Pontiac, Mich.	516.9	5000	580	12 30 AM		79	83	80			Sun		ET	1-8-6-E-Z-AA; 2-5-E-Q-Z; 4-E-U-Z; 7-19.
WJUG	Uda B. Ross, New York, N. Y.	516.9	250	580										ET	
WJY	Radio Corp. of America, New York, N. Y.	405.2	1000	740										ET	
WJZ	Radio Corp. of America, New York, N. Y.	454.3	5000	660			56	63	60					ET	2-8-4-5-A-U-Z; 6-A-O-Z; 7-A-Q-Z.
WKAF	Kesselman O'Driscoll, Hotel Antlers, Milwaukee, Wis.	260.7	500	1150										CT	1-8-5-U-AA-84; 7-UU-E-Z-24.
WKAQ	Radio Corp. of Porto Rico, San Juan, P. R.	840.7	500	880										PR	1-8-5-8 to 10 P.M.
WKAR	Michigan Agricultural College, Lansing, Mich.	285.5	1000	1050			22	21	20					CT	1-5-F-M-Z; 2-4-E-I-Z; 8-E-M-Z; 6-7-19.
WKBA	Arrow Bat. Co., Chicago, Ill.	209.7	200	1480										CT	
WKBB	Sanders Bros., Joliet, Ill.	282.8	100	1060										CT	
WKBE	K. & B. Elec. Co., Webster, Mass.	270.1	100	1110										ET	
WKBF	Noble B Watson, Indianapolis, Ind.	243.8	100	1230										CT	
WKBG	C. Z. Carroll, Chicago, Ill.	215.7	100	1390										CT	
WKBH	Calloway Music Co., LaCrosse, Wis.	249.9	500	1200										CT	
WKBJ	Gospel Tabernacle, Inc., St. Petersburg, Fla.	280.2	250	1070										CT	
WKBO	Camith Corp., Jersey City, N. J.	309.1	200	970										ET	
WKBR	Chas. J. Heiser, Auburn, N. Y.	225	1000	1833										ET	
WKBS	P. N. Nelson, Galesburg, Ill.	361.2	200	880										CT	

STATIONS OF 100 WATT POWER OR OVER

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watts)	Kilo-cycles	Time Heard	Dis tance	Controls			Out-door Ant.	Loop Direc-tion	Ph. or Loud Spkr.	Sig nals	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for code)
							1	2	3						
WKBV	H. K. Armstrong, New Castle, Pa.	236.1	---	1270										ET	
WKBV	Knox Battery Co., Brookville, Ind.	236.1	250	1270										CT	
WKBW	Churchill Evan. Tabernacle, Buffalo, N. Y.	362.5	1000	827										ET	
WKBV	Fernwood Quick, Danville, Pa.	220	100	1363										ET	
WKRC	Kodel Radio Co., Cincinnati, Ohio	325.9	---	920										ET	1-3-UU-AA-Z; 2-M-X-Z; 4-M-V-Z; 6-Q-V-Z; 7-XX-V-Z.
WKY	E. C. Hull & H. S. Richards, Oklahoma City, Okla.	422.3	1000	710										CT	1-2-3-5-S-Y-MM-21; 8-G-Z-32; 1-3-5-Q-Z-34.
WLAC	Life & Casualty Ins. Co., Nashville, Tenn.	275.1	100	1090										ET	
WLAL	First Christian Church, Tulsa, Okla.	225.4	1000	1830	1130 PM	8 1/2	9	7 1/2						CT	4 1/2-6-8
WLB	University of Minnesota, Minneapolis, Minn.	249.9	100	1200										CT	
WLB	University of Minnesota, Minneapolis, Minn.	277.6	500	1080										CT	
WLBA	Philadelphia, Pa.	236.1	---	1270										ET	
WLBH	J. J. Lombardi, Farmingdale, N. Y.	230.6	---	1810										ET	
WLB	A. Yarc, East Weonona, Ill.	296.9	250	1010										ET	
WLCI	Lutheran Asso. of Ithaca, N. Y., Ithaca, N. Y.	265.3	---	1130										CT	
WLB	J. Cleveland, Ohio	220.4	---	1360										ET	
WLBL	Wisconsin Dept. of Markets, Stevens Point, Wis.	277.6	500	1080										CT	
WLB	Chicago, Ill.	225.4	---	1830										CT	
WLBO	Galesburg, Ill.	243	---	1234										CT	
WLBQ	Atwood, Ill.	230.6	---	1300										CT	
WLB	Belvidere, Ill.	385	---	895										CT	
WLIB	Liberty Weekly, Inc., Chicago, Ill.	302.8	10000	990	1130 PM	23	24	24						CT	2-3-4-6-E-CC-Z; 5-E-AA-Z; 1-19; 7-UU-B-Z.
WLIT	Lit Brothers, Philadelphia, Pa.	394.5	500	760										ET	10-AA-Z-44-49; 10-II-G-22-45-34; 1-3-5-I-U-Z-24-39-40-35.
WLPP	Ashland, Ohio	220.4	---	1360										ET	
WLS	Sears Roebuck Co., Chicago, Ill.	844.6	5000	870	12:15 AM	32 1/2	33 1/2	35 1/2						CT	9-G-M-Y-Every Half Hour Q-Y-QQ-Z; 2-4-A-I; 3-5-E-EE; 6-G-AA-Z; 7-X-II-Z-Q-Z.
WLSI	Lincoln Studios, Inc., Providence, R. I.	440.9	500	680										ET	9-E-U-Z-34; 7-10.
WLTS	Lane Tech. H. S., Chicago, Ill.	258.5	100	1160										CT	5-II-MM-Z.
WLW	The Crosley Radio Corp., Cincinnati, Ohio	422.3	5000	710	7 PM	50 1/2	53 1/2	53 1/2						ET	9-G-Y; 9-Q-Y-44-56; 10-U-BB-Z; 10-MM-I-Z-34-44-21-22; 17-I-11-34; 7-O-Y-MM-Z-G-K
WLWL	Paulist Fathers, New York, N. Y.	384	5000	780										ET	2-3-M-Z; 1-4-K-Z; 7-I-Z-28.
WMA	Clive B. Meredith, Fernwood, Cazenovia, N. Y.	275.1	100	1090										ET	9-Q-U-Y; 9-AA-EE-Z-QQ-UU-Z-A-U-Z-34; 6-KK-UU-Z-E-AA-Z; 7-Q-EE-Y-E-U-Z.
WMAF	Round Hills Radio Corp., Dartmouth, Mass.	440.9	1000	680										ET	
WMAK	Norton Laboratory, Lockport, N. Y.	265.3	500	1130										ET	2-4-6-B-F-32; 9-F-Z-50; 1-6-G-U-Z-22; 7-S-Y-28; G-Z-28.
WMA	Leese Optical Co., Washington, D. C.	212.6	100	1410										ET	
WMAQ	The Chicago Daily News, Chicago, Ill.	447.5	1000	670										CT	9-V-Y-22; 10-KK-Z-35; 9-B-47; 9-E-I-34; 9-PP-45; 16-M-S-Z-22-35-34.
WMA	Kings Highway Pres. Church, St. Louis, Mo.	247.8	100	1210										CT	1-M-Z; 7-AA-Y-28-M-Z-28.
WMAZ	Mercer University, Macon, Ga.	260.7	500	1150										CT	
WMB	American Bond & Mortgage Co., Chicago, Ill.	249.9	500	1200										CT	16-I-M-Q-AA-Z; 7-QQ-A-Z; 7-L-AA-Z.
WMB	Michigan Broadcasting Co., Detroit, Mich.	256.3	100	1170	12:10 AM	12 1/2	13 1/2	13 1/2						ET	1-2-3-Q-Z; 4-5-7-I-Z.
WMBF	Fleetwood Hotel, Miami Beach, Fla.	384.4	500	780										ET	
WMBI	Moody Bible Institute, Chicago, Ill.	288.3	500	1040										CT	9; 1-K-Y-GG-KK-Z; 16-W-CC-Z; 15-16-M-Q-Z; 4-I-Q-Z; 7-SS-A-Z-I-Q-Z-28.
WMB	E. J. Malone, Jr., Newark, N. J.	475.9	---	630										ET	
WMC	The Commercial Appeal, Memphis, Tenn.	409.7	500	600										CT	9-T-Y-CC-OO-Z; 21-44-22; 9-18-O-Z; 2-5-AA-22; 7-AA-Y.
WMC	Hotel McAlpine, New York, N. Y.	340.7	500	880										ET	9-A-AA-Z-34; 2-U-II-Y; 7-U-BB-UU-U-Z.
WMP	Lapeer, Mich.	222	---	1351										ET	
WMSG	Radio Eng. Co., New York, N. Y.	302.8	500	990										ET	
WNAB	Shepard Stores, Boston, Mass.	249.9	100	1200										CT	9-MM-QQ-Z-34.
WNAC	Shepard Stores, Boston, Mass.	430.1	500	695										ET	9-S-W-Y; EE-II-QQ-Q-Z; 7-U-Y; GG-KK-D-K-Z.
WNAD	University of Oklahoma, Norman, Okla.	254.1	500	1180	1150 PM	12 1/2	12 1/2	12 1/2						CT	5-6-Q-W-Z-34.
WNAL	R. J. Rockwell, Omaha, Neb.	258.5	500	1160										ET	3-D-Z; 6-I-Z; 7-D-Z.
WNAT	Lenning Bros., Philadelphia, Pa.	249.9	100	1200										CT	9-CC-Y; 21-44; 1-3-M-Q-Z-34.
WNAX	Dakota Radio Apparatus Co., Yankton, S. D.	243.8	100	1230	720 PM	22 1/2	23 1/2	24						ET	1-A-Q-Z; 3-5-A-Q-Z; 7-U-Y-FF-Z.
WNBH	New Bedford Hotel, New Bedford, Mass.	247.8	250	1210										ET	

STATIONS OF 100 WATT POWER OR OVER

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watts)	Kilo-cycles	Time Heard	Dis tance	Controls			Out-door Ant.	Loop Direc-tion	Ph. or Loud Spkr.	Sig-nals	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for code)
							1	2	3						
WNJ	Radio Shop, Newark, N. J.	252	150	1190									ET	2-3-5-6-A-C-Z; K-Z-AA-24.	
WNOX	Peoples Tel. and Tel. Co., Knoxville, Tenn.	267.7	5000	1120									CT		
WNYC	Municipal Station, New York, N. Y.	526	1000	570									ET	2-4-E-G-Z; 21-S-56-44; 1-3-5-S-B-21.	
WOAI	Southern Equipment Co., San Antonio, Texas	394.5	5000	760	845 PM		43	44	44				CT	9-U-Y-50-44-FF-00-QQ-F-Z; 2-8-4-5-O-S-Z-34; 7-AA-Y-28-K-S-Z.	
WOAN	Jas. D. Vaughan, Lawrenceburg, Tenn.	282.8	500	1060									CT	9GG-II-Z; 8-Q-U-Z-84.	
WOAX	Franklyn J. Wolff Mon. Pot. Co., Trenton, N. J.	239.9	500	1250									ET	9-BB-44; 8-21; 9-AA-DD-44-56-35-22.	
WOC	Palmer School of Chiro. Davenport, Ia.	488.6	5000	620	7:45 PM		69	70	70		Just		CT	9-FF-II-QQ-D-21-44; 2-4-E-Q-Z; 8-UU-U-Z; 5-UU-S-Y; 6-E-U-Z; 7-GG-Y-G-CC-Z.	
WODA	O'Dea Temple of Music, Patterson, N. J.	390.9	250	765									ET	9-AA-EE-Z-39; UU-E-Z-22-24-50; 1-4-I-W-Z; 2-5-I-CC-Z; 7-S-AA-G-M-Z-28.	
WOI	Iowa State College, Ames, Ia.	270.1	750	1110									CT	9-S-Y-GG-44-21-22-35; 1-4-K-Z; 7-X-Y-EE.	
WOK	Neutrowound Radio Mfg. Co., Chicago, Ill.	217.8	5000	1880	12:45 PM		46	47	46		Start		CT	16-WW-I-Z; U-KK-Y; 7-U-Y-KK-Z; 7-II-MM-Z-E-Z-II-Y.	
WOKT	Rochester, N. Y.	340		882									ET	9-AA-EE-SS-TT-Z; G-Q-Z; 7-KK-A-Z.	
WOO	John Wanamaker Co., Philadelphia, Pa.	508.2	500	590									ET	9-AA-EE-SS-TT-Z; G-Q-Z; 7-KK-A-Z.	
WOOD	Hotel Rowe, Grand Rapids, Mich.	241.8	1000	1240									CT	1-Q-Z-II-Y-38-34; 2-8-5-6-Q-Z-EE-34; 7-Y-Z-28.	
WOQ	Unity School of Christianity, Kansas City, Mo.	277.6	1000	1080									CT	2-6-M-Q-Z; 4-I-Q-Z-6-M-Q-U-AA-Z; 7-AA-Y-28-I-R-2-28.	
WOR	L. Bamberger & Co., Newark, N. J.	405.2	500	740									ET	9-D-KK-QQ-Z; 1-8-6-B-Z-AA-34; 2-4-5-B-F-Z.	
WORD	People's Pulpit Association, Batavia, Ill.	275.1	5000	1090									CT	2-3-5-I-EE; 4-M-U-Z; 6-I-U-Z; 7-OO-UU-I-W-Z.	
WOS	Missouri State Mkt. Bureau, Jefferson City, Mo.	440.9	500	680	10:45 PM		51	57	53		Just		CT	9-Every hour from Q-Y-MM-Z; 44-I-Z-21; 1-3-5-M-U-Z; 7-K-Q-Z-28.	
WOW	Woodmen of the World, Omaha, Neb.	526	1000	570	9:45 PM		83	87	85		Just		CT	9-N-Q-W-Y-GG-HH-QQ-Z-21; 7-E-Q-Z; 9-18-E-AA-Z; 6-AA-Z-EE; 7-Q-X-Y-KK-UU-Z.	
WOWO	Main Auto Supply Co., Ft. Wayne, Ind.	227.1	500	1320									CT		
WPAB	Radio Corp. of Virginia, Norfolk, Va.	319		940									ET		
WPAK	N. D. Agricultural College, Fargo, N. D.	275.1	100	1090									CT	1-3-5-K-Z.	
WPAP	Palisades Amusement Co., Cliffside, N. J.	361.2	500	830									ET		
WPCC	North Shore Con. Church, Chicago, Ill.	258.5	500	1160									CT	3-I-Z-28; 5-K-Z-28; 7-AA-Y; SS-L-Z-28.	
WPCH	Concourse Radio Corp., New York, N. Y.	272.6	500	1100									ET	2-4-6-I-U-Z; 6-W-Z-GG-Y.	
WPEP	M. Mayer, Waukegan, Ill.	212.6	500	1410	11:45 P.M.		0	6	6		Thurs		CT		
WPG	Municipality of Atlantic City, Atlantic City, N. J.	299.8	500	1000									ET	1-2-5-E-Z; 2-4-5-6-M-Q-Z; 7-NN-Z-49; RR-Q-Z-28.	
WPRC	Wilson Printing & Radio Co., Harrisburg, Pa.	215.7	100	1890									ET	3-M-U-Z.	
WPSC	Pa. State Col. Dept. Elec. Eng., State College, Pa.	260.7	500	1150									ET	1-3-5-E-U-Z.	
WQAA	H. A. Beale, Jr., Parkersburg, Pa.	220.4	500	1360									ET		
WQAM	Electric Equipment Co., Miami, Fla.	285.5	100	1050									ET	9-X-BB-Z-49-44-50; G-M-Z-34; 7-T-Y-28-I-M-28.	
WQAN	The Scranton Times, Scranton, Pa.	249.9	100	1200									ET	9-CC-EE-SS-UU-21-44-22-50; 2-5-I-Z-34; 6-U-Z-AA-24.	
WQAO	Calvary Baptist Church, Cliffside, N. J.	361.2	500	830									ET	3-I-Z-28; 7-W-MM-G-Z-28.	
WQJ	Calumet Rainbow Garden Station, Chicago, Ill.	447.5	500	670	12:50 PM		58	51	61		Sun		CT	8-LL-PP-Z; 16-I-M-U-MM-Y; 6-AA-II; 7-S-Y; QQ-UU-M-U-Z.	
WRAF	Radio Club, Inc., LaPorte, Ind.	223.7	100	1340									CT	1-4-Q-Z; 7-X-Y-K-Z.	
WRAH	Stanley N. Read, Providence, R. I.	234.2	150	1280									ET		
WRAX	Economy Light Co., Escanaba, Mich.	256.3	100	1170									CT	1-5-K-Z.	
WRAM	Lombard College, Galesburg, Ill.	248.8	100	1230									CT	1-I-AA-Z; 26-34-45.	
WRAV	Antioch College, Yellow Springs, Ohio	262	100	1142									ET	3-I-M-Z-22-26; 7-I-Z.	
WRAX	Berachan Church, Inc., Philadelphia, Pa.	267.7	500	1120									ET		
WRBC	Immanuel Lutheran Church, Valparaiso, Ind.	277.6	500	1080									CT	1-K-Z; 7-K-Z-28.	
WRC	Radio Corp. of America, Washington, D. C.	468.5	1000	640									ET	9-AA-II-Z-46; 1-8-5-UU-A-Z-46; 2-3-6-E-AA-Z-34; 7-19.	
WRCO	Wynne Radio Co., Raleigh, N. C.	252	100	1190									ET	7-T-Y; 7-EE-Z.	
WREO	Reo Automobile Co., Lansing, Mich.	285.5	500	1050									CT	9-E-I-Z-22; 2-4-N-U-Z-34; 6-U-EE; 7-U-Y-K-Z-28-22.	
WRK	Doron Bros. Elec. Co., Hamilton, Ohio	270.1	200	1110									CT	7-V-Y-28.	
WRM	University of Illinois, Urbana, Ill.	272.6	500	1100									CT	2-1-M-Z; 7-UU-Z-49.	
WRMU	A. H. Grebe & Co., Inc., Richmond Hill, N. Y.	286.1	100	1270									ET	37. Motor Yacht MU-1.	
WRNY	Experimenter Pub. Co., New York, N. Y.	373.8	500	805									ET		
WRR	City of Dallas, Dallas, Texas	245.8	500	1220	7 P.M/6		14	13			Mon		CT	9-18-EE-II-A-Q-Z; 1-S-AA-EE; 4-S-W-Z.	
WRSC	Chelsea, Mass.	270.1		1110									ET		
WRST	Radiotel Mfg. Co., Bay Shore, N. Y.	215.7	500	1390									ET	9-AA-EE; E-U-Z; 7-Q-AA-E-U-Z.	

**STATIONS OF 100 WATT POWER OR OVER**

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watt)	Kilo-cycles	Time Heard	Date	Controls			Out-door Ant.	Loop Direc-tion	Ph. or Loud Spkr.	Sig-nals	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for code)
							1	2	3						
WRVA	Larus Bros. Co., Richmond, Va.	256.3	1000	1170									ET	1-3-4-I-U-Z; 2-U-EE; 5-E-U-Z.	
WSAI	U. S. Playing Card Co., Cincinnati, Ohio	325.9	5000	920	7	24	27	30	29	Mon			ET	1-I-AA-Z; 2-7-E-Q-Z; 3-Q-AA; 4-A-Q-Z; 5-19; 6-C-Q-Z-AA-II-Y; 7-U-AA.	
WSAJ	Grove City College, Grove City, Pa.	228.9	250	1810									ET	Irregular-64-65.	
WSAN	Allentown Call, Allentown, Pa.	228.9	100	1810									ET	2-4-J-Z; 6-J-W-Z.	
WSAR	Doughty & Welch Elec. Co., Fall River, Mass.	254.1	100	1180									ET	9-AA-EE-Z; 1-3-5-UU-A-Z; 7-S-AA.	
WSAV	Clifford W. Vick, Houston, Tex.	247.8	100	1210									CT		
WSAX	Zenith Radio Co., Chicago, Ill.	267.7	100	1120									CT		
WSB	The Atlanta Journal, Atlanta, Ga.	428.8	1000	700	8	PM	51	56	55	Tues			CT	9-EE-II-Z-22-00-A-44-22-M-Q-Z; X-EE-34; 7-A-R-Z-28.	
WSBC	World Battery Co., Chicago, Ill.	288.8	1000	1040	1230	AM	22	22	21	Sun			CT	16-G-O-Z; U-Z-II-Y; 6-MM-UU-Y; 7-G-O-U-II-Y.	
WSBF	Stix Baer & Fuller D. G. Co., St. Louis, Mo.	272.6	250	1100	230	PM	15	15	15	Mon			CT	9-EE-II-Z-34; 9-QQ-UU-Z-34; 1-K-U-Z-34; 3-5-K-Q-Z-34; 2-4-U-EE-Z-34; 7-Q-W-Y.	
WSBT	South Bend Tribune, South Bend, Ind.	315.6	500	950									CT	1-J-U-Z-34; 8-5-J-S-Z-34; 8-AA-EE-Z-34.	
WSDA	Seventh Day Adventist Church, New York, N. Y.	268	250	1140									ET	4-H-O-Z; 6-T-EE-Y; 7-G-O-Z-28.	
WSKC	World's Star Knitting Co., Bay City, Mich.	260.7	500	1150									ET	1-I-U-Z-24; 3-M-U-Z-43; 6-U-II-Z-62; 7-U-Y-CC-Z-28.	
WSM	National Life & Accident Ins. Co., Nashville, Tenn.	282.8	1000	1060			19	20	19				CT	13-I-Q-Z-34; 13-U-AA-Z-34; 6-I-AA-Z-34; 7-Y-Z-28; 4-19.	
WSMB	Saenger Amusement Co., New Orleans, La.	319	500	940	845	PM	26	28	27	Wed			CT	9-GG-KK-SS-WW-G-K-Z; 1-3-4-6-O-W-Z.	
WSMK	S. M. K. Radio Corp., Dayton, Ohio	275.1	500	1090			17	16	20				CT	18-EE-II-E-U-Z; 6-AA-MM-Y; 7-T-AA-G-M-Z.	
WSOE	School of Engineering, Milwaukee, Wis.	245.8	500	1220									CT	16-I-Z; 2-8-4-PP-Z; 10-A-Z; 6-II-Z; 7-SS-K-Z.	
WSRO	H. W. Fahlander, Hamilton, Ohio	252	100	1190									CT	2-5-M-U-Z; 7-MM-UU-Z.	
WSSH	Tremont Temple Bap. Church, Boston, Mass.	260.7	100	1150									ET	5-G-K-Z; 7-S-Y-C-Z.	
WSUI	State University of Iowa, Iowa City, Ia.	483.6	500	620	12	PM	69	73	69	Mon			CT	10-GG; 1-3-M-Z; 6-K-Z; 1-BB-Z; 7-UU-Z; 7-M-Z.	
WSWS	Richmond Harris & Co., Batavia, Ill.	275.1	1000	1090									CT	9-AA-Y-II-Z; 16-E-AA-Z; 2-4-6-EE-II-Y; 7-AA-Y-GG-SS-A-I-S-Z.	
WSYR	Clive B. Meridith, Syracuse, N. Y.	352.7	500	850									ET		
WTAG	Telegram Pub. Co., Worcester, Mass.	545.1	500	550									ET	9-S-II-Z-22; 1-3-5-E; 2-4-6-VV; 10-I-Z; 7-1-Z.	
WTAL	Toledo Broadcasting Co., Toledo, Ohio	252	100	1190									ET	1-8-5-G-U-Z-67; -4-6-G-M-Z-67; 6-U-Z-MM-Y-67; 7-19.	
WTAM	Willard Storage Battery Co., Cleveland, Ohio	389.4	8500	770									ET	9-CC-EE-Z; A-AA-Z-22; 7-S-Y-CC-Z-28; 7-E-O-Z-22.	
WTAQ	C. S. Van Gordon, Eau Claire, Wis.	254.1	100	1180									CT		
WTAR	Reliance Radio & Elec. Co., Norfolk, Va.	260.7	100	1150									ET		
WTAW	Agri. & Mech. College, College Station, Texas	270.1	500	1110									CT	5-M-Z; 7-AA-Y.	
WTIC	Travelers Insurance Co., Hartford, Conn.	475.9	500	630									ET	1-5-U-Y-AA-WW-U; 3-WW-M-Z; 4-WW-C-Z; 6-WW-A-Z; 7-19.	
WTRL	Midland Park, N. J.	280.2	---	1070									ET		
WWAE	Electric Park, Plainfield, Ill.	384.4	500	780	12	PM	12	13	12	Sat Thurs			CT	11-11-12	
WWNC	Ashville Bat. Co., Ashville, N. C.	254.1	1000	1180	10	SP	12	15	17				ET		
WWPR	Detroit Police Dept., Detroit, Mich.	299.8	---	1000									ET		
WWRL	Woodside Radio Labs., Woodside, N. Y.	258.5	100	1160									ET		
WWVA	J. C. Strobel, Wheeling, W. Va.	348.6	100	860									ET		
WWJ	The Detroit News, Detroit, Mich.	852.7	1000	850			32	35	35				ET	9-O-Y-35; 1-3-5-G-I-Y-54; 9-R-BB-Y-44-58-22-9-MM-I-Z; 1-8-5-A-M-Z; 2-4-A-G-Z; 7-Q-(Y-II-B-J-Z.	
WWL	Loyola University, New Orleans, La.	275.1	100	1090									CT		

**STATIONS OF LESS THAN 100 WATT POWER**

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watt)	Kilo-cycles	Controls			Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watt)	Kilo-cycles	Controls		
					1	2	3						1	2	3
KDLR	Radio Electric Co., Devils Lake, N. D.	280.6	5	1800				KFHA	Western State College of Colorado, Gunnison, Colo.	252	50	1190			
KFAF	Alfred Fowler, San Jose, Calif.	217.8	50	1880				KFHL	Penn College, Oskaloosa, Ia.	289.9	10	1250			
KFBB	F. A. Buttery Co., Havre, Mont.	275.1	50	1880				KFIU	Alaska Light & Power Co., Juneau, Alaska	225.4	10	880			
KFBS	School District No. 1, Trinidad, Colo.	238	15	1260				KFJB	Marshall Electric Co., Marshalltown, Ia.	247.8	10	1210			
KFDD	St. Michels Epis. Cathedral, Boise, Idaho	275.1	50	1090				KFJI	E. E. March, Astoria, Ore.	245.8	10	1220			
KFDZ	H. O. Iverson, Minneapolis, Minn.	280.6	10	1300				KFJY	Tunwall Radio Co., Ft. Dodge, Ia.	245.8	50	1220			
KFEY	Bunker Hill & Sullivan M. Co., Kellogg, Idaho	232.4	10	1290				KFJZ	W. E. Branch, Ft. Worth, Texas	254.1	50	1180			
KFFP	First Baptist Church, Moberly, Mo.	241.8	50	1240				KFKA	Colorado State Teachers' College, Greeley, Colo.	272.6	50	1100			
KFGQ	Boone Bible College, Boone, Ia.	225.4	10	1880				KFKZ	C. of C., Kirksville, Kirksville, Mo.	225.4	10	1880			

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Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watt)	Kilo-cycles	Controls			Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watt)	Kilo-cycles	Controls		
					1	2	3						1	2	3
KFLU	San Benito Radio Club, San Benito, Texas	236.1	10	1380				KPJM	Wilburn Radio Ser., Prescott, Ariz.	215.7	15	1390			
KFLX	Geo. R. Clough, Galveston, Texas	239.9	10	1250				KPPC	Pasadena Pres. Church, Pasadena, Calif.	228.9	50	1810			
KFOB	KFOB Broadcasting, Inc., Burlingame, Calif.	225.4	50	1330				KRAC	Caddo Radio Club, Shreveport, La.	220	50	1363			
KFOT	College Hill Radio Club, Wichita, Kans.	280.6	50	1800				KRSC	Radio Sales Corp., Seattle, Wash.	499.7	50	600			
KFOY	Beacon Radio Service, St. Paul, Minn.	252	50	1190				KTAP	R. B. Bridge, San Antonio, Tex.	263	10	1140			
KFPL	C. C. Baxter, Dublin, Texas	252	15	1190				KTBR	M. E. Brown, Portland, Ore.	268	50	1140			
KFPM	The New Furniture Co., Greenville, Texas	241.8	10	1240				KTUE	Uhalt Electric Co., Houston, Texas	268	5	1140			
KFPW	Rev. Lannie W. Stewart, Cartersville, Mo.	258.5	20	1160				KVI	Puget Sound Radio B. Co., Tacoma, Wash.	243.8	15	1230			
KFQP	Geo. S. Carson, Jr., Iowa City, Ia.	228.7	10	1840				KVOS	L. L. Jackson and L. Kessler, Seattle, Wash.	383.1	50	900			
KFQX	A. M. Hubbard, Seattle, Wash.	209.7	50	1450				KWG	Portable Wireless Tel. Co., Stockton, Calif.	247.8	50	1210			
KFQZ	Taft Radio & Broadcasting Co., Inc., Hollywood, Calif.	225.4	50	1880				KWTC	Dr. John W. Hancock, Santa Ana, Calif.	263	15	1140			
KFRC	Don Lee, Inc., San Francisco, Calif.	267.7	50	1120				KWUC	Western Union College, LeMars, Ia.	252	50	1190	132	14	132
KFRW	Western Broadcasting Corp., Olympia, Wash.	218.8	50	1370				KXRO	Brott Lab., Seattle, Wash.	239.9	85	1250			
KFUL	Thos. Groggan & Bros., Galveston, Texas	258.5	750	1160				WAAD	Ohio Mech. Institute, Cincinnati, Ohio	258.5	25	1160			
KFUP	Fitzsimmons General Hospital, Denver, Colo.	234.2	50	1280				WABB	Harrisburg Radio Co., Harrisburg, Pa.	204	10	1470			
KLUR	Dr. L. L. Sherman, Oakland, Calif.	256.8	50	1170				WABC	Ashville Battery Co., Ashville, N. C.	254.1	20	1180			
KFUS	H. C. Colburn & E. L. Mathewson, Oakland, Calif.	220.4	50	1860				WABR	Scott High School, Toledo, Ohio	263	50	1140			
KFUU	First Methodist Church, Independence, Kans.	286.1	15	1270				WABW	College of Wooster, Wooster, Ohio	206.8	50	1450			
KFVG	56th Cavalry Brigade, Houston, Texas	289.9	10	1250				WABY	John Magaldi, Philadelphia, Pa.	241.8	50	1240			
KFVI	Carl E. Bagley, Fairmount, Minn.	227.1	50	1820				WABZ	Coliseum Baptist Church, New Orleans, La.	275.1	50	1090			
KFVR	Olinger Broadcasting Corp., Denver, Colo.	243.7	50	1230				WAGM	R. L. Miller, Royal Oak, Mich.	225.4	50	1380			
KFVS	Hirsch Battery Service, Cape Girardeau, Mo.	228.7	50	1840				WAGS	Willow Garages, Inc., Sommerville, Mass.	240.9	5	1200			
KFVY	Radio Supply Co., Albuquerque, N. M.	249.9	10	1200				WAIT	A. H. Waite & Co., Inc., Taunton, Mass.	228.9	10	1310			
KFXD	Service Radio Co., Logan, Utah	205.4	10	1460				WBBW	Ruffner Junior High School, Norfolk, Va.	222.1	50	1350			
KFXH	Bledsoe Electric Co., El Paso, Texas	241.8	50	1240				WBBY	Washington Light Inf., Charleston, S. C.	267.7	10	1120			
KFXJ	R. G. Howell, Edgewater, Colo.	215.7	10	1890				WBMS	G. J. Schowerer, North Bergen, N. J.	223.7	10	1340			
KFXR	Classen Film Co., Oklahoma City, Okla.	214.2	15	1400				WBRC	Birmingham Broadcasting Co., Birmingham, Ala.	247.8	50	1210	11	134	136
KFYX	Mary Costigan, Flagstaff, Ariz.	205.4	50	1460				WCAT	School of Mines, Rapid City, S. D.	239.9	50	1250			
KFYF	Carls Radio Den., Oxnard, Calif.	214.2	15	1400				WCAZ	Carthage College, Carthage, Ill.	245.8	50	1220			
KFYJ	Houston Chronicle, Houston, Texas	238	10	1260				WCBE	Uhalt Radio Co., New Orleans, La.	268	5	1140			
KFYO	Buchanan Vaughan Co., Texarkana, Tex.	209.7	10	1440				WCBH	University of Mississippi, Oxford, Miss.	241.8	50	1240			
KFYR	Hoskins Meyer, Inc., Bismark, N. D.	247.8	10	1210	11	13	11	WCBM	Hotel Chateau, Baltimore, Md.	228.9	50	1810			
KGBS	A. C. Dailey, Tucson, Ariz.	227.1	10	1320				WCFT	Knights of Pythias Home, Tullahoma, Tenn.	240.9	10	1200			
KGBX	Foster Hall Tire Co., St. Joseph, Mo.	847.8	30	862				WCLO	C. E. Whitmore, Camp Lake, Wis.	280.6	50	1300			
KGBY	Albert C. Dunning, Shelby, Neb.	202.6	25	1480				WCRW	Clinton R. White, Chicago, Ill.	416.4	50	720			
KGCA	Chas. W. Greenley, Decorah, Ia.	280.2	20	1070				WDAH	Trinity Methodist Church, El Paso, Texas	267.7	50	1120			
KGCB	Wallace Radio Institution, Oklahoma City, Okla.	388.1	50	900				WDAY	Radio Equipment Corp., Fargo, N. D.	250.7	50	1150			
KGCL	Louis Wasmer, Seattle, Wash.	230.6	10	1300				WDBJ	Richardson Wayland Elec. Co., Roanoke, Va.	228.9	50	1310			
KGCM	R. B. Bridge, San Antonio, Tex.	268	10	1140				WDBZ	Boy Scouts of Amer., Kingston R. Ch., Kingston, N. Y.	232.4	10	1290			
KGCN	Alva E. Smith, Concordia, Kans.	209.7	50	1430				WEBQ	Tate Radio Co., Harrisburg, Ill.	225.4	10	1330			
KGCR	Cutlers Radio B. Co., Brookings, S. D.	252	15	1190				WEHS	Oliver G. Fordham, Chicago, Ill.	202.6	10	1480			
KGCX	First State Bank of Vida, Mont., Vida, Mont.	239.9	10	1250				WFAM	The Times, St. Cloud, Minn.	272.6	10	1100			
KGDA	Home Auto Co., Dell Rapids, S. D.	254.1	15	1180				WFBC	First Baptist Church, Knoxville, Tenn.	249.9	50	1200			
KGDE	Jaren Drug Co., Barrett, Minn.	232.4	50	1290				WFBZ	Knox College, Galesburg, Ill.	254.1	20	1180			
KGDI	Northwest Radio Service Co., Seattle, Wash.	416.4	50	720				WGAL	Lancaster Supply Co., Lancaster, Pa.	247.8	10	1210			
KGDJ	R. Rathert, Cresco, Ia.	405.2	10	740				WGBC	First Baptist Church, Memphis, Tenn.	277.6	10	1080			
KGDP	Boy Scouts, Pueblo, Colo.	260	50	1155				WGBI	Scranton Broadcasting Co., Scranton, Pa.	239.9	15	1250			
KGDR	Radio Engineers, San Antonio, Tex.	240	15	1249				WGBR	Geo. S. Ives, Marshfield, Wis.	228.9	15	1310			
KGTT	Glad Tidings Temple, San Francisco, Calif.	206.8	50	1450				WGM	V. & E. Spencer, Jeannette, Pa.	372	10	805			
KGY	St. Martins College, Lacey, Wash.	277.6	50	1080				WHBA	Shaffer Music House, Oil City, Pa.	249.9	10	1200			
KJBS	Julius Brunton & Sons Co., San Francisco, Calif.	234.2	5	1280				WHBC	Rev. E. P. Graham, Canton, Ohio	254.1	10	1180			
KMJ	Fresno Bee, Fresno, Calif.	284.2	50	1280				WHBD	Chamber of Commerce, Bellefontaine, Ohio	222.1	20	1350			

## STATIONS OF LESS THAN 100 WATT POWER

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watt)	Kilo-cycles	Controls			Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watt)	Kilo-cycles	Controls			
					1	2	3						1	2	3	
WHBG	John S. Skane, Harrisburg, Pa.	230.6	20	1800				WRHF	Wash. Hos. Radio Fund, Washington, D. C.	256.3	50	1170				
WHBL	C. L. Carroll, Chicago, (Portable)	215.7	50	1890				WRHM	Rosedale Hospital Co., Minneapolis, Minn.	262	50	1190				
WHBM	C. L. Carroll, Chicago, Ill., (Portable)	215.7	20	1890				WRRS	Racine Radio Co., Racine, Wis.	360	50	833				
WHBN	First Ave. Methodist Church, St. Petersburg, Fla.	238	10	1260				WSAZ	Chase Elec. Co., Pomeroy, Ohio	248.8	50	1230				
WHBQ	Men's Fellowship (St. J.'s Ch., M.E.) Memphis, Tenn.	232.4	50	1290				WSMH	Shattuck Music House, Owosso, Mich.	239.9	20	1250				
WHBU	Bing's Clothing, Riviera Theater, Anderson, Ind.	218.8	10	1320				WSVS	Seneca Vocational School, Buffalo, N. Y.	218.8	50	1370				
WHBY	St. Norbert's College, West De Pere, Wis.	249.9	50	1200				WTAB	Fall River Daily Herald, Fall River, Mass.	265.3	10	1130				
WHOG	Huntington Broad. Asso., Huntington, Ind.	241.8	15	1240				WTAD	R. E. Compton, Carthage, Ill.	236.1	50	1270				
WIBG	St. Paul's Church, Elkins Park, Pa.	222.1	50	1850				WTAX	Williams Hardware Co., Streator, Ill.	230.6	50	1800				
WIBH	Elite Radio Stores, New Bedford, Mass.	209.7	80	1480				WTAZ	T. L. McGuire, Lambertville, N. J.	260.7	15	1150				
WIBI	F. B. Gittel, Jr., Flushing, N. Y.	218.8	50	1370				WTRC	20th Dist. Republican Club, Brooklyn, N. Y.	239.9	50	1250				
WIBJ	C. L. Carrol, Chicago, Ill.	215.7	50	1390				<b>CANADA</b>								
WIBM	Billy Maine, Chicago, Ill.	215.7	10	1890				Call Letters	NAME AND ADDRESS OF RADIOCASTER	Meter Length	Power (Watt)	Kilo-cycles	Kind of Time			
WIBR	T. A. Owings, Steubenville, Ohio	245.8	50	1220				CFAC	Calgary Herald, Calgary, Alberta	434.5	500	690	MT			
WIBS	Lt. Thos. F. Hunter, Elizabeth, N. J.	202.6	10	1480				CFCA	Toronto Star, Toronto, Ont.	356.9	500	840	ET			
WIBZ	A. D. Trum, Montgomery, Ala.	230.8	10	1800				CFCK	Radio Supply Co., Edmonton, Alta.	516.9	100	580	MT			
WJAK	Kokomo Tribune, Kokomo, Ind.	254.1	60	1180				CFCN	W. W. Grant Co., Calgary, Alta.	434.5	1800	690	MT			
WJBA	D. H. Lantz, A. L. Striegel, Joliet, Ill.	206.8	50	1450				CFCT	G. W. Deaville Station, Victoria, B. C.	329.5	500	910	PT			
WJBB	Financial Journal, St. Petersburg, Fla.	254.1	10	1180				CFQC	The Electric Shop Co., Saskatoon, Sask.	329.5	500	910	MT			
WJBK	E. F. Goodwin, Ypsilanti, Mich.	232.4	10	1290				CFRC	Queens University, Kingston, Ont.	267.7	500	1120	ET			
WJBR	Genseh & Stearns, Omro, Wis.	227.1	50	1820				CFVC	Nat'l Bible Association, Burnby, B. C.	410.7	500	780	PT			
WJBW	C. Carlson, Jr., New Orleans, La.	270.1	30	1110				CFYC	Radio Corp. of Vancouver, Vancouver, B. C.	410.7	500	780	PT			
WJBY	Elec. Const. Co., Gasden, Ala.	260.7	30	1150				CHCY	Bible Students' Asso., Edmonton, Alta.	516.9	250	580	MT			
WKAV	Laconia Radio Club, Laconia, N. H.	223.7	50	1840				CHIC	Northern Elec. Co., Toronto, Ont.	356.9	550	840	ET			
WKBC	H. L. Ansley, Birmingham, Ala.	225.4	50	1880				CHNC	Toronto Radio Research, Toronto, Ont.	356.9	750	840	ET			
WKBI	Fred L. Schoenwolf, Chicago, Ill.	220.4	50	1860				CHWC	R. H. Williams & Sons, Regina, Sask.	296.9	500	1010	MT			
WKBL	Monrona Radio Mfg. Co., Monroe, Mich.	252	15	1190				CHXC	J. R. Booth, Ottawa, Ont.	434.5	250	690	ET			
WKBM	John W. Jones, Newburg, N. Y.	215.7	25	1390				CHYC	Northern Elec. Co., Montreal, Que.	410.7	850	780	ET			
WKBN	Radio Elec. Ser. Co., Youngstown, Ohio	360	50	833				CJCA	Edmonton Journal, Edmonton, Alta.	516.9	580	500	MT			
WKBP	Battle Creek Eng. & News, Battle Creek, Mich.	265.3	50	1180				CJGC	London Free Press, London, Ont.	329.5	1000	910	ET			
WKBQ	Starlight Amus. Co., New York, N. Y.	285	50	1052				CJSC	The Evening Telegram, Toronto, Ont.	356.9	500	840	ET			
WKBT	First Baptist Church, New Orleans, La.	249.9	50	1200				CJWC	Wheaton Elec. Co., Saskatoon, Sask.	329.5	250	910	MT			
WKBZ	K. L. Ashbacker, Luddington, Mich.	256.3	50	1170				CJYC	Universal Radio Co., Scarboro Station, Ont.	291.1	500	1030	ET			
WKDR	Edward A. Dato, Kenosha, Wis.	428.3	10	700				CKAC	La Presse, Montreal, Que.	410.7	3500	780	ET			
WKJC	Kirk Johnson Co., Lancaster, Pa.	258.6	50	1170				CKCD	Daily Province, Vancouver, B. C.	410.7	750	780	PT			
WLAP	Virginia Baptist Church, Louisville, Ky.	275.1	30	1090				CKCK	Leader Pub. Co., Regina, Sask.	312.3	500	960	MT			
WLBC	D. A. Burton, Muncie, Ind.	223.7	50	1340				CKCL	Dominion Battery Co., Toronto, Ont.	356.9	5000	840	ET			
WLBE	J. H. Fruitman, Brooklyn, N. Y.	230.6	15	1300				CKCO	Ottawa Radio Association, Ottawa, Ont.	434.5	100	690	ET			
WLBF	E. L. Dillard, Kansas City, Mo.	211.1	25	1420				CKCW	Can. Broadcasting Asso., Burketon Jct., Ont.	329.5	5000	910	ET			
WMAN	Heskitt Radio Station, Columbus, Ohio	277.6	50	1080				CKNG	National Carbon Co., Toronto, Ont.	356.9	750	840	ET	54	56	54
WMRJ	Peter J. Prinz, Jamaica, N. Y.	227.1	10	1320				CKY	Manitoba Tel. Co., Winnipeg, Man.	384.4	500	780	CT			
WNRC	W. M. Nelson, Greensboro, N. C.	223.7	10	1840				CNRA	Can. Nat. Rys., Moncton, N. B.	312.3	500	960	IT			
WOBB	Longacre Eng. & Const. Co., Chicago, Ill.	555.2	5	540				CNRC	Can. Nat. Rys., Calgary, Alta.	435.8	750	688	MT			
WOCB	Orlando Broadcasting Co., Orlando, Fla.	239.9	50	1020				CNRE	Can. Nat. Rys., Edmonton, Alta.	516.9	500	580	MT			
WOCL	Jamestown Furniture Market Asso., Jamestown, N. Y.	275.1	15	1090				CNRM	Can. Nat. Rys., Montreal, Que.	410.7	1500	780	ET			
WOKO	Harold E. Smith, Peekskill, N. Y.	232.4	50	1290				CNRO	Can. Nat. Rys., Ottawa, Ont.	434.5	1000	780	ET			
WOMT	Mikado Theatre, Manitowoc, Wis.	254.1	50	1180				CNRR	Can. Nat. Rys., Regina, Sask.	312.3	500	960	MT			
WPDQ	Hiram L. Turner, Buffalo, N. Y.	205.4	50	1460				CNRS	Nat. Rys. Co., Saskatoon, Sask.	329.5	500	910	MT			
WQAE	Moore's Radio News Station, Springfield, Vt.	245.8	50	1220				CNRT	Can. Nat. Rys., Toronto, Ont.	356.9	500	840	ET			
WRAW	Avenue Radio Shop, Reading, Pa.	238	10	1260				CNRV	Can. Nat. Rys., Vancouver, B. C.	291.1	500	1030	PT			
WREC	Wooten's Radio Shop, Whiteville, Tenn.	254.1	10	1180				CNRW	Can. Nat. Rys., Winnipeg, Man.	384.4	500	780	CT			
WRES	H. L. Sawyer, Woolaston, Mass.	295	50	1015												

MEXICO—CUBA—STATIONS LISTED BY WAVE LENGTHS & KILOCYCLES

MEXICO		Time Heard	Distance	Controls			CUBA		Time Heard	Distance	Controls		
				1	2	3					1	2	3
Radio Club, Guadalajara	280						6BY	Cienfuegos	260				
CYA Elfrán R. Gomez, Mexico City	800						Central Ekia	800					
CYB Jose J. Reynosa, Mexico City	275						7SR		350				
CYC Manuel A. Fernandez, Vera Cruz	337						PWX	Habana	400	47-51-47 1/2			
CYF Frederico Zonilla, Oaxaca	265						2BB	Habana	250				
CYH La High Life, Mexico City	375						2BY	Habana	260				
CYL Universa, Mexico City	400						2EP	Habana	855				
CYJ General Elec. Co., Mexico City	400	945 PM	410	49	48	1030	2HP	Habana	295	845 PM	46 1/2	50	47 1/2
CYM Roberto Reyes, Monterey	275						2LR	Habana	285				
CYO Martinez y Zetina, Mexico City	425						2MG	Habana	284				
CYO Cypriano Sagaon, Tampico	822						2OK	Habana	360				
CYR Castulo Llamas, Mazatlan	475						2OL	Habana	225				
CYS Constantino de Tarnara, Monterey	275						2RK	Habana	815				
CYU Augustin del P. Zaenz, Puebla	812						2TW	Habana	270				
CYX El Excelsior-Parker, Mexico City	825						2UF	Habana	265				
CYY Partida Socialista, Yucatan	548						8BY	Santiago	250				
CZE Dept. Education, Mexico City	850						6JK	Tuinucu	272				
CZF State Capitol Station, Chihuahua	325						6KW	Tuinucu	840				

STATIONS LISTED BY WAVE LENGTHS AND KILOCYCLES

202.6 Meters—1480 Kilocycles KFXB Big Bear, Calif. KGBY Shelby, Neb. WEHS Chicago, Ill. WIBS Elizabeth, N. J.	220 Meters—1363 Kilocycles KRAC Shreveport, La. WKBY Danville, Pa.	230.6 Meters—1300 Kilocycles KDLR Devil's Lake, N. D. KFDZ Minneapolis, Minn. KFOT Wichita, Kans. KGCL Seattle, Wash. KFPK Los Angeles, Calif. KFQU Holy City, Calif. KUT Austin, Texas WCLO Camp Lake, Wis. WBRE Wilkes Barre, Pa. WHBG Harrisburg, Pa. WIBZ Montgomery, Ala. WLBK Brooklyn, N. Y. WLBH Farmingdale, N. Y. WLBQ Atwood, Ill. WTAX Streator, Ill.	240.9 Meters—1200 Kilocycles WCFT Tullahoma, Tenn.	241.8 Meters—1240 Kilocycles KFPF Moberly, Mo. KPPM Greenville, Texas KFXH El Paso, Texas WABY Philadelphia, Pa. WBAW Nashville, Tenn. WBSO Wellesley Hills, Mass. WCBH Oxford, Miss. WCSB Providence, R. I. WHOG Huntington, Ind. WOOD Grand Rapids, Mich.	247.8 Meters—1210 Kilocycles KFEC Portland, Ore. KFIF Portland, Ore. KFJB Marshalltown, Ia. KFOX Omaha, Neb. KFRB Beeville, Texas KFYR Bismark, N. D. KWG Stockton, Calif. WBRC Birmingham, Ala. WCOS Springfield, Ohio WGAL Lancaster, Pa. WIOD Miami, Fla. WMAY St. Louis, Mo. WNBH New Bedford, Mass. WSAV Houston, Texas
204 Meters—1470 Kilocycles WABB Harrisburg, Pa.	220.4 Meters—1360 Kilocycles KFUU Oakland, Calif. KJBS San Francisco, Calif. WIBW Logansport, Ind. WKBI Chicago, Ill. WLPP Ashland, Ohio WQAA Parkersburg, Pa.	232.4 Meters—1290 Kilocycles KFDX Shreveport, La. KFEY Kellogg, Idaho KFON Long Beach, Calif. KGDE Barrett, Minn. WCWS Bridgeport, Conn. WDBZ Kingston, N. Y. WFBK Cincinnati, Ohio WHBQ Memphis, Tenn. WJBK Ypsilanti, Mich. WKOK Peekskill, N. Y.	240.9 Meters—1200 Kilocycles WCFT Tullahoma, Tenn.	249.9 Meters—1200 Kilocycles KFVY Albuquerque, N. M. KFVI San Francisco, Calif. KFXF Colorado Sp'gs, Colo. KLS Oakland, Calif. KMO Tacoma, Wash. KZIB Manila, P. I. WBBC Brooklyn, N. Y. WEDC Chicago, Ill. WFBC Knoxville, Tenn. WFKD Philadelphia, Pa. WHBA Oil City, Pa. WHBY W. DePere, Wis. WIAD Philadelphia, Pa. WKBH La Crosse, Wis. WKBT New Orleans, La. WLAL Tulsa, Okla. WMBB Chicago, Ill. WNAB Boston, Mass. WNAT Philadelphia, Pa. WQAN Scranton, Pa.	
205.4 Meters—1460 Kilocycles KFVD Venice, Calif. KFXD Logan, Utah KFXD Flagstaff, Ariz. WCBR Providence, R. I. WFRL Brooklyn, N. Y. WPDQ Buffalo, N. Y.	222.1 Meters—1350 Kilocycles KZRQ Manila, P. I. WBBW Norfolk, Va. WBES Takoma Park, Md. WCOA Pensacola, Fla. WHBD Bellefontaine, O. WHBF Rock Island, Ill. WHBS Rock Island, Ill. WIBG Elkins Park, Pa. WIBU Poynette, Wis. WMPK Lapeer, Mich.	234.2 Meters—1280 Kilocycles KFUP Denver, Colo. KGRS Amarillo, Tex. KMJ Fresno, Calif. WCBR Providence, R. I. WCWK Ft. Wayne, Ind. WFDF Flint, Mich. WGBX Orono, Me. WHBJ Ft. Wayne, Ind. WIBX Utica, N. Y. WJBC La Salle, Ill. WKBD Jersey City, N. J. WRAH Providence, R. I.	241.8 Meters—1240 Kilocycles KFPF Moberly, Mo. KPPM Greenville, Texas KFXH El Paso, Texas WABY Philadelphia, Pa. WBAW Nashville, Tenn. WBSO Wellesley Hills, Mass. WCBH Oxford, Miss. WCSB Providence, R. I. WHOG Huntington, Ind. WOOD Grand Rapids, Mich.	252.5 Meters—1190 Kilocycles KFHA Gunnison, Colo. KFOY St. Paul, Minn. KFPL Dublin, Texas KFWB Hollywood, Calif. KGRB Brookings, S. D. KOCW Chickasha, Okla. KWUC LeMars, Ia. WCAX Burlington, Vt. WCWM Manchester, N. H. WFLB Syracuse, N. Y. WGCP Newark, N. J. WKBL Monro, Mich. WKBT New Orleans, La. WNJ Newark, N. J. WRCO Raleigh, N. C. WRHM Minneapolis, Minn. WSRO Hamilton, Ohio WTAL Toledo, Ohio	
209.7 Meters—1430 Kilocycles KFYO Texarkana, Texas KFOX Seattle, Wash. KGCN Concordia, Kans. KGDY Oldham, S. D. KSMR Santa Maria, Calif. WIBH New Bedford, Mass. WKBA Chicago, Ill.	223.7 Meters—1340 Kilocycles KFBL Everett, Wash. KFOP Iowa City, Ia. KFUR Ogden, Utah KFVS Cape Girardeau, Mo. WBMS North Bergen, N. J. WKAV Laconia, N. H. WLBC Muncie, Ind. WNRK Greensboro, N. C. WRAF Laporte, Ind.	236.1 Meters—1270 Kilocycles KFLU San Benito, Texas KFOO Salt Lake City, Utah KFVG Independence, Kans. KWKQ Kansas City, Mo. WBOQ Richmond Hill, N. Y. WFBJ Collegeville, Minn. WGBF Evansville, Ind. WGMU Richmond Hill, N. Y. WIBA Madison, Wis. WKBU Newcastle, Pa. WKBV Brookville, Ind. WLBK Philadelphia, Pa. WRMU Richmond Hill, N. Y. WTAD Carthage, Ill.	241.8 Meters—1240 Kilocycles KFPF Moberly, Mo. KPPM Greenville, Texas KFXH El Paso, Texas WABY Philadelphia, Pa. WBAW Nashville, Tenn. WBSO Wellesley Hills, Mass. WCBH Oxford, Miss. WCSB Providence, R. I. WHOG Huntington, Ind. WOOD Grand Rapids, Mich.	254.1 Meters—1180 Kilocycles KFEL Denver, Colo. KFJZ Ft. Worth, Texas KFLR Albuquerque, N. M. KFWH Eureka, Calif. KGDA Del Rapids, S. D. WABC Ashville, N. C. WCAJ University Pl., Neb. WCEA Allentown, Pa. WEAI Ithaca, N. Y. WFBK Baltimore, Md. WFBZ Galesburg, Ill. WHBC Canton, Ohio	
211.1 Meters—1420 Kilocycles KFOW Avalon, Calif. WJBU Lewisburg, Pa. WLBK Kansas City, Mo.	225 Meters—1330 Kilocycles WKBR Auburn, N. Y.	235 Meters—1276 Kilocycles WAAT Jersey City, N. J.	240.9 Meters—1200 Kilocycles WCFT Tullahoma, Tenn.	254.1 Meters—1180 Kilocycles KFEL Denver, Colo. KFJZ Ft. Worth, Texas KFLR Albuquerque, N. M. KFWH Eureka, Calif. KGDA Del Rapids, S. D. WABC Ashville, N. C. WCAJ University Pl., Neb. WCEA Allentown, Pa. WEAI Ithaca, N. Y. WFBK Baltimore, Md. WFBZ Galesburg, Ill. WHBC Canton, Ohio	
212.6 Meters—1410 Kilocycles KFWV Portland, Ore. WMAL Washington, D. C. WPEP Waukegan, Ill.	225 Meters—1330 Kilocycles KFGQ Boone, Ia. KFIU Juneau, Alaska KFKZ Kirksville, Mo. KFOB Burlingame, Calif. KFOR David City, Neb. KFQZ Hollywood, Calif. WAGM Royal Oak, Mich. WBBM Chicago, Ill. WDAD Nashville, Tenn. WEBL U. S. (Portable) WEBQ Harrisburg, Ill. WIBO Chicago, Ill. WIBC Birmingham, Ala. WLAC Nashville, Tenn. WLBK Chicago, Ill.	236.1 Meters—1270 Kilocycles KFLU San Benito, Texas KFOO Salt Lake City, Utah KFVG Independence, Kans. KWKQ Kansas City, Mo. WBOQ Richmond Hill, N. Y. WFBJ Collegeville, Minn. WGBF Evansville, Ind. WGMU Richmond Hill, N. Y. WIBA Madison, Wis. WKBU Newcastle, Pa. WKBV Brookville, Ind. WLBK Philadelphia, Pa. WRMU Richmond Hill, N. Y. WTAD Carthage, Ill.	240.9 Meters—1200 Kilocycles WCFT Tullahoma, Tenn.	254.1 Meters—1180 Kilocycles KFEL Denver, Colo. KFJZ Ft. Worth, Texas KFLR Albuquerque, N. M. KFWH Eureka, Calif. KGDA Del Rapids, S. D. WABC Ashville, N. C. WCAJ University Pl., Neb. WCEA Allentown, Pa. WEAI Ithaca, N. Y. WFBK Baltimore, Md. WFBZ Galesburg, Ill. WHBC Canton, Ohio	
214.2 Meters—1400 Kilocycles KFYF Oxnard, Calif. KFWF St. Louis, Mo. KFXR Oklahoma City, Okla. WCLS Joliet, Ill.	227.1 Meters—1320 Kilocycles KFQD Anchorage, Alaska KFVN Fairmount, Minn. KGBS Tucson, Ariz. WDBK Cleveland, Ohio WJBR Omro, Wis. WMRJ Jamaica, N. Y. WOWO Ft. Wayne, Ind.	238 Meters—1260 Kilocycles KFBS Trinidad, Colo. KFCB Phoenix, Ariz.	240.9 Meters—1200 Kilocycles WCFT Tullahoma, Tenn.	254.1 Meters—1180 Kilocycles KFEL Denver, Colo. KFJZ Ft. Worth, Texas KFLR Albuquerque, N. M. KFWH Eureka, Calif. KGDA Del Rapids, S. D. WABC Ashville, N. C. WCAJ University Pl., Neb. WCEA Allentown, Pa. WEAI Ithaca, N. Y. WFBK Baltimore, Md. WFBZ Galesburg, Ill. WHBC Canton, Ohio	
215.7 Meters—1390 Kilocycles KFQW Seattle, Wash. KFJX Edgewater, Colo. KPJM Prescott, Ariz. WHBL Chicago, Ill. WHBM Philadelphia, Pa. WIBJ Chicago, Ill. WIBM Chicago, Ill. WKBG Chicago, Ill. WKBK Newburg, N. Y. WPRC Harrisburg, Pa. WRST Bay Shore, N. Y.	227.1 Meters—1320 Kilocycles KFQD Anchorage, Alaska KFVN Fairmount, Minn. KGBS Tucson, Ariz. WDBK Cleveland, Ohio WJBR Omro, Wis. WMRJ Jamaica, N. Y. WOWO Ft. Wayne, Ind.	238 Meters—1260 Kilocycles KFBS Trinidad, Colo. KFCB Phoenix, Ariz.	240.9 Meters—1200 Kilocycles WCFT Tullahoma, Tenn.	254.1 Meters—1180 Kilocycles KFEL Denver, Colo. KFJZ Ft. Worth, Texas KFLR Albuquerque, N. M. KFWH Eureka, Calif. KGDA Del Rapids, S. D. WABC Ashville, N. C. WCAJ University Pl., Neb. WCEA Allentown, Pa. WEAI Ithaca, N. Y. WFBK Baltimore, Md. WFBZ Galesburg, Ill. WHBC Canton, Ohio	
217.3 Meters—1380 Kilocycles KFAF San Jose, Calif. KGDH Stockton, Calif. WFKB Chicago, Ill. WOK Chicago, Ill.	227.1 Meters—1320 Kilocycles KFQD Anchorage, Alaska KFVN Fairmount, Minn. KGBS Tucson, Ariz. WDBK Cleveland, Ohio WJBR Omro, Wis. WMRJ Jamaica, N. Y. WOWO Ft. Wayne, Ind.	238 Meters—1260 Kilocycles KFBS Trinidad, Colo. KFCB Phoenix, Ariz.	240.9 Meters—1200 Kilocycles WCFT Tullahoma, Tenn.	254.1 Meters—1180 Kilocycles KFEL Denver, Colo. KFJZ Ft. Worth, Texas KFLR Albuquerque, N. M. KFWH Eureka, Calif. KGDA Del Rapids, S. D. WABC Ashville, N. C. WCAJ University Pl., Neb. WCEA Allentown, Pa. WEAI Ithaca, N. Y. WFBK Baltimore, Md. WFBZ Galesburg, Ill. WHBC Canton, Ohio	
218.8 Meters—1370 Kilocycles KFJC Junction City, Kas. KFRW Olympia, Wash. WHBU Anderson, Ind. WIBI Flushing, N. Y. WJBI Red Bank, N. J. WSVS Buffalo, N. Y.	228.9 Meters—1310 Kilocycles KFLV Rockford, Ill. KGBU Ketchikan, Alaska KMMJ Clay Center, Neb. KPPC Pasadena, Calif. WAIT Taunton, Mass. WBBL Richmond, Va.	238 Meters—1260 Kilocycles KFBS Trinidad, Colo. KFCB Phoenix, Ariz.	240.9 Meters—1200 Kilocycles WCFT Tullahoma, Tenn.	254.1 Meters—1180 Kilocycles KFEL Denver, Colo. KFJZ Ft. Worth, Texas KFLR Albuquerque, N. M. KFWH Eureka, Calif. KGDA Del Rapids, S. D. WABC Ashville, N. C. WCAJ University Pl., Neb. WCEA Allentown, Pa. WEAI Ithaca, N. Y. WFBK Baltimore, Md. WFBZ Galesburg, Ill. WHBC Canton, Ohio	



# STATIONS LISTED BY WAVE LENGTHS & KILOCYCLES

<p>WIAS Burlington, Ia. WJAK Kokomo, Ind. WJBB St. Petersburg, Fla. WNAD Norman, Okla. WOMT Manitowoc, Wis. WREC Whiteville, Tenn. WSAR Fall River, Mass. WTAQ Eau Claire, Wis. WWNC Asheville, N. C.</p>	<p>270.1 Meters—1110 Kilocycles WJBW New Orleans, La. KGU Honolulu, Hawaii KZKZ Manila, P. I. WBAO Decatur, Ill. WDBE Atlanta, Ga. WGHP Detroit, Mich. WGST Atlanta, Ga. WJAG Norfolk, Neb. WJBL Decatur, Ill. WKBE Webster, Mass. WOI Ames, Ia. WRK Hamilton, Ohio WRSC Chelsea, Mass. WTAW College Station, Tex.</p>	<p>288.3 Meters—1040 Kilocycles KFKX Hastings, Neb. WJBV Woodhaven, N. Y. WMBI Chicago, Ill. WSBC Chicago, Ill.</p> <p>290 Meters—1030 Kilocycles KFWC San Bernardino, Cal. KGDV Shreveport, La.</p> <p>291.7 Meters—1036 Kilocycles WBKN Brooklyn, N. Y.</p> <p>293.9 Meters—1020 Kilocycles KTBI Los Angeles, Calif. WAUI Columbus, Ohio WEAO Columbus, Ohio</p>	<p>344.6 Meters—870 Kilocycles KGEA Seattle, Wash. WCBZ Zion, Ill. WLS Chicago, Ill.</p> <p>347.8 Meters—862 Kilocycles KGBX St. Joseph, Mo.</p> <p>348.6 Meters—860 Kilocycles KOB State College, N. M. KWSC Pullman, Wash. WEEI Boston, Mass. WWBA Wheeling, W. Va.</p> <p>350.6 Meters—855 Kilocycles WCGU Lakewood, N. J.</p>	<p>413 Meters—726 Kilocycles KFRC Santa Barbara, Calif.</p> <p>416.4 Meters—720 Kilocycles KGDJ Seattle, Wash. WBRR Rossville, N. Y. WCCO Minneapolis, Minn. WCRW Chicago, Ill.</p> <p>419.3 Meters—730 Kilocycles WJBZ Chicago Heights, Ill.</p> <p>422.3 Meters—710 Kilocycles KFXX Denver, Colo. WKRC Cincinnati, Ohio WLW Cincinnati, Ohio</p> <p>428.3 Meters—700 Kilocycles KPO San Francisco, Calif. WKDR Kenosha, Wis. WSB Atlanta, Ga.</p> <p>430.1 Meters—695 Kilocycles WNAC Boston, Mass.</p> <p>431 Meters—696 Kilocycles KFKB Milford, Kans. KGDZ Decorah, Ia. WHAP New York, N. Y.</p> <p>434.5 Meters—690 Kilocycles KCCH Wayne, Neb. NAA Arlington (Radio) Va.</p>
<p>256.3 Meters—1170 Kilocycles KFIQ Yakima, Wash. KFUS Oakland, Calif. KRE Berkeley, Calif. WBAX Wilkes Barre, Pa. WBDC Grand Rapids, Mich. WDOD Chattanooga, Tenn. WHBP Johnstown, Pa. WKBZ Ludington, Mich. WMBZ Detroit, Mich. WRAK Escanaba, Mich. WRHF Washington, D. C. WRVA Richmond, Va.</p>	<p>272.6 Meters—1100 Kilocycles KFAD Phoenix, Ariz. KFIZ Fond du lac, Wis. KFKA Greeley, Colo. KFPY Spokane, Wash. KICK Anita, Ia. WBAA W. Lafayette, Ind. WDAA Tampa, Fla. WEBJ New York, N. Y. WFAM St. Cloud, Minn. WFBH New York, N. Y. WHK Cleveland, Ohio WRM Urbana, Ill. WRW Tarrytown, N. Y. WSBF St. Louis, Mo.</p>	<p>295 Meters—1016 Kilocycles WARS Brooklyn, N. Y. WEPS Gloucester, Mass. WRES Woolaston, Mass.</p> <p>296 Meters—1013 Kilocycles WDXL Detroit, Mich. KWCR Cedar Rapids, Ia.</p> <p>296.9 Meters—1010 Kilocycles KPRC Houston, Texas WLBI East Weonona, Ill.</p>	<p>352.7 Meters—850 Kilocycles WJAD Waco, Texas WVJ Detroit, Mich. WSYR Syracuse, N. Y.</p> <p>357.1 Meters—840 Kilocycles KRLD Dallas, Tex.</p> <p>360 Meters—833 Kilocycles KSOO Sioux Falls, S. D. WEW St. Louis, Mo. WKBN Youngstown, O. WRRS Racine, Wis.</p>	<p>430.1 Meters—695 Kilocycles WNAC Boston, Mass.</p> <p>431 Meters—696 Kilocycles KFKB Milford, Kans. KGDZ Decorah, Ia. WHAP New York, N. Y.</p> <p>434.5 Meters—690 Kilocycles KCCH Wayne, Neb. NAA Arlington (Radio) Va.</p> <p>440.9 Meters—680 Kilocycles KLDJ Independence, Mo. WDWF Cranston, R. I. WLSI Providence, R. I. WMAF Dartmouth, Mass. WOS Jefferson City, Mo.</p> <p>447.5 Meters—670 Kilocycles KEX Portland, Ore. WMAQ Chicago, Ill. WQJ Chicago, Ill.</p>
<p>258.5 Meters—1160 Kilocycles KFPW Carterville, Mo. KFUL Galveston, Texas KOCH Omaha, Neb. WAAD Cincinnati, Ohio WAAD Akron, Ohio WCMA Culver, Ind. WKJC Lancaster, Pa. WFCI Pawtucket, R. I. WHCC Rochester, Ind. WHFC Chicago, Ill. WLTS Chicago, Ill. WNAL Omaha, Neb. WPCC Chicago, Ill. WWRL Woodside, N. Y.</p>	<p>275.1 Meters—1090 Kilocycles KFBB Havre, Mont. KFDD Boise, Idaho KFKU Lawrence, Kans. KFSG Los Angeles, Calif. KQV Pittsburgh, Pa. WABZ New Orleans, La. WAFD Pt. Huron, Mich. WBAK Harrisburg, Pa. WBT Charlotte, N. C. WCAC Storrs, Conn. WCAO Baltimore, Md. WEAU Sioux City, Ia. WFAV Lincoln, Neb. WHAD Milwaukee, Wis. WHAR Atlantic City, N. J. WJAS Pittsburgh, Pa. WKY Oklahoma City, Okla. WLAP Louisville, Ky. WMAC Cazenovia, N. Y. WOCL Jamestown, N. Y. WORD Batavia, Ill. WPAK Fargo, N. D. WSMK Dayton, Ohio WSWS Chicago, Ill. WWL New Orleans, La.</p>	<p>299.8 Meters—1000 Kilocycles KFDY Brookings, S. D. KSL Salt Lake City, Utah KUOA Fayetteville, Ark. WLBZ Cleveland, Ohio WPG Atlantic City, N. J. WWPR Detroit, Mich.</p> <p>302.8 Meters—990 Kilocycles KTAB Oakland, Calif. WGN Chicago, Ill. WLBI Chicago, Ill. WMSG New York, N. Y.</p> <p>305.9 Meters—980 Kilocycles KOIL Council Bluffs, Ia. KOMO Seattle, Wash. WJAR Providence, R. I.</p>	<p>361.2 Meters—830 Kilocycles KGO Oakland, Calif. WHN New York, N. Y. WKBS Galesburg, Ill. WQAO New York, N. Y. WPAP Palisades, N. J.</p> <p>362.5 Meters—827 Kilocycles WKBW Buffalo, N. Y.</p> <p>365.6 Meters—820 Kilocycles WDAF Kansas City, Mo. WHB Kansas City, Mo.</p> <p>367 Meters—815 Kilocycles WEAN Providence, R. I.</p> <p>370.2 Meters—810 Kilocycles KMTR Los Angeles, Calif. WEHB Chicago, Ill. WJJD Mooseheart, Ill.</p> <p>372 Meters—808 Kilocycles WGM Jeannette, Pa.</p>	<p>447.5 Meters—670 Kilocycles KEX Portland, Ore. WMAQ Chicago, Ill. WQJ Chicago, Ill.</p> <p>454.3 Meters—660 Kilocycles KFOA Seattle, Wash. KTW Seattle, Wash. WJZ New York, N. Y.</p> <p>461.3 Meters—650 Kilocycles WAPI Auburn, Ala. KFNF Shenandoah, Ia. KMA Shenandoah, Ia. WCAE Pittsburgh, Pa.</p> <p>467 Meters—640 Kilocycles KFI Los Angeles, Calif.</p> <p>468.5 Meters—640 Kilocycles WRC Washington, D. C.</p> <p>475.9 Meters—630 Kilocycles WBAP Ft. Worth, Texas WFAA Dallas, Texas WMBM Newark, N. J. WTIC Hartford, Conn.</p> <p>483.6 Meters—620 Kilocycles WOC Davenport, Ia. WSUI Iowa City, Ia.</p> <p>491.5 Meters—610 Kilocycles KCW Portland, Ore. WCFI Chicago, Ill. WEAF New York, N. Y.</p> <p>499.7 Meters—600 Kilocycles KFRU Columbia, Mo. KRSC Seattle, Wash. WCSH Portland, Me. WMC Memphis, Tenn.</p>
<p>260 Meters—1155 Kilocycles KGDP Pueblo, Colo. KSBA Shreveport, La.</p>	<p>277.6 Meters—1080 Kilocycles KFJM Grand Forks, N. D. KGY Lacey, Wash. KUSD Vermillion, S. D. KWCR Cedar Rapids, Ia. KWVG Brownsville, Texas WAAF Chicago, Ill. WAAW Omaha, Neb. WABO Rochester, N. Y. WCAU Philadelphia, Pa. WDZ Tuscola, Ill. WFBG Altoona, Pa. WGBE Memphis, Tenn. WGBU Fulford by the Sea, Fla. WHAM Rochester, N. Y. WHDI Minneapolis, Minn. WLB Minneapolis, Minn. WLBL Stevens Point, Wis. WMAN Columbus, O. WQO Kansas City, Mo. WRBC Valparaiso, Ind.</p>	<p>309.1 Meters—970 Kilocycles KDKA E. Pittsburgh, Pa. WKBO Jersey City, N. J.</p> <p>315.6 Meters—950 Kilocycles KFDM Beaumont, Texas KFPS Pasadena, Calif. WABC Richmond Hill, N. Y. WEMC Berrien Spgs, Mich. WGBS New York, N. Y. WGES Chicago, Ill. WSBT South Bend, Ind.</p> <p>319 Meters—940 Kilocycles KOLN Sylvan, Ore. WGR Buffalo, N. Y. WPAB Norfolk, Va. WSMB New Orleans, La.</p>	<p>367 Meters—815 Kilocycles WEAN Providence, R. I.</p> <p>370.2 Meters—810 Kilocycles KMTR Los Angeles, Calif. WEHB Chicago, Ill. WJJD Mooseheart, Ill.</p> <p>372 Meters—808 Kilocycles WGM Jeannette, Pa.</p> <p>373.8 Meters—805 Kilocycles WRNY New York, N. Y.</p> <p>374.8 Meters—800 Kilocycles KFBU Laramie, Wyo. KTHS Hot Springs, Ark. KVOO Bristow, Okla.</p> <p>379.5 Meters—790 Kilocycles KFBC San Diego, Calif. WGY Schenectady, N. Y. WHAZ Troy, N. Y.</p> <p>384.4 Meters—780 Kilocycles KJR Seattle, Wash. WAAW Omaha, Neb. WBET Boston, Mass. WMBF Miami Beach, Fla. WLWL New York, N. Y. WWAE Plainfield, Ill.</p> <p>389.4 Meters—770 Kilocycles WEAR Cleveland, Ohio WTAM Cleveland, Ohio</p> <p>390.9 Meters—765 Kilocycles WODA Paterson, N. J.</p> <p>394.5 Meters—760 Kilocycles KHQ Spokane, Wash. WBRB Brooklyn, N. Y. WFI Philadelphia, Pa. WLIT Philadelphia, Pa. WOAI San Antonio, Texas</p>	<p>467 Meters—640 Kilocycles KFI Los Angeles, Calif.</p> <p>468.5 Meters—640 Kilocycles WRC Washington, D. C.</p> <p>475.9 Meters—630 Kilocycles WBAP Ft. Worth, Texas WFAA Dallas, Texas WMBM Newark, N. J. WTIC Hartford, Conn.</p> <p>483.6 Meters—620 Kilocycles WOC Davenport, Ia. WSUI Iowa City, Ia.</p> <p>491.5 Meters—610 Kilocycles KCW Portland, Ore. WCFI Chicago, Ill. WEAF New York, N. Y.</p> <p>499.7 Meters—600 Kilocycles KFRU Columbia, Mo. KRSC Seattle, Wash. WCSH Portland, Me. WMC Memphis, Tenn.</p> <p>508.2 Meters—590 Kilocycles KFQB Ft. Worth, Texas KLX Oakland, Calif. WIP Philadelphia, Pa. WOO Philadelphia, Pa.</p> <p>516.9 Meters—580 Kilocycles WCX Pontiac, Mich. WJR Pontiac, Mich.</p>
<p>263 Meters—1140 Kilocycles KFJR Portland, Ore. KTAP San Antonio, Tex. KFUT Salt Lake City, Utah KTBR Portland, Ore. KGBM San Antonio, Tex. KTUE Houston, Texas KWTC Santa Ana, Calif. WAAM Newark, N. J. WABR Toledo, Ohio WCAD Canton, Ohio WCAR San Antonio, Texas WCBE New Orleans, La. WDAG Amarillo, Texas WDGY Minneapolis, Minn. WRAV Yellow Springs, O. WSDA New York, N. Y.</p>	<p>280.2 Meters—1070 Kilocycles KFAU Boise, Idaho KFQA St. Louis, Mo. KGCA Decorah, Ia. KMOX St. Louis, Mo. KNRC Los Angeles, Calif. KOAC Corvallis, Ore. WDDWM Newark, N. J. WKBJ St. Petersburg, Fla. WTRL Midland Park, N. J.</p>	<p>322.4 Meters—930 Kilocycles KOA Denver, Colo. WBNY New York, N. Y.</p> <p>325.9 Meters—920 Kilocycles KFWM Oakland, Calif. WKRC Cincinnati, Ohio WSAI Cincinnati, Ohio</p> <p>329.5 Meters—910 Kilocycles WJAZ Chicago, Ill.</p> <p>333.1 Meters—900 Kilocycles WBZA Boston, Mass. KGBZ York, Neb. KTNT Muscatine, Ia. KVOS Seattle, Wash. WCB Springfield, Mass. KGCB Oklahoma City, Okla. KQW San Jose, Calif.</p> <p>335 Meters—895 Kilocycles WLBK Belvidere, Ill.</p> <p>336.9 Meters—890 Kilocycles KFMX Northfield, Minn. KNX Los Angeles, Calif. WCAL Northfield, Minn. WCAM Camden, N. J. WJAX Jacksonville, Fla.</p> <p>340.7 Meters—880 Kilocycles KFAB Lincoln, Neb. KGA Spokane, Wash. KSAC Manhattan, Kans. WKAQ San Juan, P. R. WMAQ New York, N. Y. WOKT Rochester, N. Y.</p>	<p>399.8 Meters—750 Kilocycles KXL Portland, Ore. KYA San Francisco, Calif. PWX Havana, Cuba WHAS Louisville, Ky. WHT Chicago, Ill.</p> <p>405.2 Meters—740 Kilocycles KGDJ Cresco, Ia. KHJ Los Angeles, Calif. KSO Clarinda, Ia. WJY New York, N. Y. WOR Newark, N. J.</p> <p>410.7 Meters—730 Kilocycles WABF Kingston, Pa. WBRL Tilton, N. H.</p>	<p>526 Meters—570 Kilocycles WHO Des Moines, Ia. WNYC New York, N. Y. WOW Omaha, Neb.</p> <p>535.4 Meters—560 Kilocycles KFBK Sacramento, Calif. KYW Chicago, Ill. WHA Madison, Wis.</p> <p>545.1 Meters—550 Kilocycles KFUO St. Louis, Mo. KSD St. Louis, Mo. WTAG Worcester, Mass.</p> <p>555.2 Meters—540 Kilocycles WOBW Chicago, Ill.</p>
<p>267.7 Meters—1120 Kilocycles KFEQ Oak, Neb. KFH Wichita, Kans. KFRC San Francisco, Calif. WBYY Charleston, S. C. WDAH El Paso, Texas WDRS New Haven, Conn. WEBW Beloit, Wis. WFBM Indianapolis, Ind. WJAM Cedar Rapids, Ia. WJBO New Orleans, La. WNOX Knoxville, Tenn. WRAX Philadelphia, Pa. WSAX Chicago, Ill.</p>	<p>282.8 Meters—1060 Kilocycles WKBB Joliet, Ill. WOAN Lawrenceburg, Tenn. WSM Nashville, Tenn.</p> <p>285.5 Meters—1050 Kilocycles KCCU Mandan, N. D. KGDO Dallas, Tex. WIL St. Louis, Mo. WQAM Miami, Fla. KOWW Walla Walla, Wash. WICC Bridgeport, Conn. WKRAR E. Lansing, Mich. WREO Lansing, Mich.</p>	<p>347.8 Meters—862 Kilocycles KGBX St. Joseph, Mo.</p> <p>348.6 Meters—860 Kilocycles KOB State College, N. M. KWSC Pullman, Wash. WEEI Boston, Mass. WWBA Wheeling, W. Va.</p> <p>350.6 Meters—855 Kilocycles WCGU Lakewood, N. J.</p> <p>352.7 Meters—850 Kilocycles WJAD Waco, Texas WVJ Detroit, Mich. WSYR Syracuse, N. Y.</p> <p>357.1 Meters—840 Kilocycles KRLD Dallas, Tex.</p> <p>360 Meters—833 Kilocycles KSOO Sioux Falls, S. D. WEW St. Louis, Mo. WKBN Youngstown, O. WRRS Racine, Wis.</p> <p>361.2 Meters—830 Kilocycles KGO Oakland, Calif. WHN New York, N. Y. WKBS Galesburg, Ill. WQAO New York, N. Y. WPAP Palisades, N. J.</p> <p>362.5 Meters—827 Kilocycles WKBW Buffalo, N. Y.</p> <p>365.6 Meters—820 Kilocycles WDAF Kansas City, Mo. WHB Kansas City, Mo.</p> <p>367 Meters—815 Kilocycles WEAN Providence, R. I.</p> <p>370.2 Meters—810 Kilocycles KMTR Los Angeles, Calif. WEHB Chicago, Ill. WJJD Mooseheart, Ill.</p> <p>372 Meters—808 Kilocycles WGM Jeannette, Pa.</p> <p>373.8 Meters—805 Kilocycles WRNY New York, N. Y.</p> <p>374.8 Meters—800 Kilocycles KFBU Laramie, Wyo. KTHS Hot Springs, Ark. KVOO Bristow, Okla.</p> <p>379.5 Meters—790 Kilocycles KFBC San Diego, Calif. WGY Schenectady, N. Y. WHAZ Troy, N. Y.</p> <p>384.4 Meters—780 Kilocycles KJR Seattle, Wash. WAAW Omaha, Neb. WBET Boston, Mass. WMBF Miami Beach, Fla. WLWL New York, N. Y. WWAE Plainfield, Ill.</p> <p>389.4 Meters—770 Kilocycles WEAR Cleveland, Ohio WTAM Cleveland, Ohio</p> <p>390.9 Meters—765 Kilocycles WODA Paterson, N. J.</p> <p>394.5 Meters—760 Kilocycles KHQ Spokane, Wash. WBRB Brooklyn, N. Y. WFI Philadelphia, Pa. WLIT Philadelphia, Pa. WOAI San Antonio, Texas</p> <p>399.8 Meters—750 Kilocycles KXL Portland, Ore. KYA San Francisco, Calif. PWX Havana, Cuba WHAS Louisville, Ky. WHT Chicago, Ill.</p> <p>405.2 Meters—740 Kilocycles KGDJ Cresco, Ia. KHJ Los Angeles, Calif. KSO Clarinda, Ia. WJY New York, N. Y. WOR Newark, N. J.</p> <p>410.7 Meters—730 Kilocycles WABF Kingston, Pa. WBRL Tilton, N. H.</p>	<p>454.3 Meters—660 Kilocycles KFOA Seattle, Wash. KTW Seattle, Wash. WJZ New York, N. Y.</p> <p>461.3 Meters—650 Kilocycles WAPI Auburn, Ala. KFNF Shenandoah, Ia. KMA Shenandoah, Ia. WCAE Pittsburgh, Pa.</p> <p>467 Meters—640 Kilocycles KFI Los Angeles, Calif.</p> <p>468.5 Meters—640 Kilocycles WRC Washington, D. C.</p> <p>475.9 Meters—630 Kilocycles WBAP Ft. Worth, Texas WFAA Dallas, Texas WMBM Newark, N. J. WTIC Hartford, Conn.</p> <p>483.6 Meters—620 Kilocycles WOC Davenport, Ia. WSUI Iowa City, Ia.</p> <p>491.5 Meters—610 Kilocycles KCW Portland, Ore. WCFI Chicago, Ill. WEAF New York, N. Y.</p> <p>499.7 Meters—600 Kilocycles KFRU Columbia, Mo. KRSC Seattle, Wash. WCSH Portland, Me. WMC Memphis, Tenn.</p> <p>508.2 Meters—590 Kilocycles KFQB Ft. Worth, Texas KLX Oakland, Calif. WIP Philadelphia, Pa. WOO Philadelphia, Pa.</p> <p>516.9 Meters—580 Kilocycles WCX Pontiac, Mich. WJR Pontiac, Mich.</p> <p>526 Meters—570 Kilocycles WHO Des Moines, Ia. WNYC New York, N. Y. WOW Omaha, Neb.</p> <p>535.4 Meters—560 Kilocycles KFBK Sacramento, Calif. KYW Chicago, Ill. WHA Madison, Wis.</p> <p>545.1 Meters—550 Kilocycles KFUO St. Louis, Mo. KSD St. Louis, Mo. WTAG Worcester, Mass.</p> <p>555.2 Meters—540 Kilocycles WOBW Chicago, Ill.</p>	

# ALPHABETICAL LIST OF TOWNS

<p>Akron, Ohio ----- WADC                      Albuquerque, N. M. ----- KFLR, KFVY                      Allentown, Pa. ----- WCBA, WBSN                      Altoona, Pa. ----- WFBG                      Amrillo, Texas ----- WDAC, KGRS                      Ames, Ia. ----- WOI                      Anderson, Ind. ----- WHBU                      Anita, Ia. ----- KFQZ                      Anchorage, Alaska ----- KFQD                      Arlington (Radio) Va. ----- NAA                      Ashland, Ohio ----- WLPP                      Ashville, N. C. ----- WABC, WNNC                      Astoria, Ore. ----- KFJI                      Atlantic City, N. J. ----- WHAR, WPG                      Atlanta, Ga. ----- WDBE, WGST, WSB                      Atwood, Ill. ----- WLBO                      Auburn, Ala. ----- WAFI                      Auburn, N. Y. ----- WKBR                      Austin, Texas ----- KUT                      Avalon, Calif. ----- KFWO</p>	<p>Enst Weonona, Ill. ----- WLBI                      Eau Claire, Wis. ----- WTAQ                      Edgewater, Colo. ----- KFJX                      Edmonton, Can. ----- CFCK, CJCA, CNRE, CHCY                      Elizabeth, N. J. ----- WBS                      Elkins Park, Pa. ----- WIBC                      El Paso, Texas ----- KFXH, WDAH                      Escanaba, Mich. ----- WRAK                      Eureka, Calif. ----- KFWH                      Evansville, Ind. ----- WGBF                      Everett, Wash. ----- KFBL</p>	<p>Manila, P. I. ----- KZKZ, KZRQ, KZIB                      Manitowoc, Wis. ----- WOMET                      Marshalltown, Ia. ----- KFJB                      Marshfield, Wis. ----- WGBR                      Medford Hillside, Mass. ----- WARC, WAPR                      Memphis, Tenn. ----- WGBC, WHBQ, WMC                      Miami Beach, Fla. ----- WMBF                      Miami, Fla. ----- WIOD, WQAM                      Midland Park, N. J. ----- WTRL                      Milwaukee, Wis. ----- WHAD, WKAF, WSOE                      Minneapolis, Minn. ----- KFDZ                      WAMD, WCCO, WDGY, WHDI, WLB, WRHM.                      Missoula, Mont. ----- KUOM                      Moberly, Mo. ----- KFFP                      Moncton, Can. ----- CNRA                      Monroe, Mich. ----- WKBL                      Montgomery, Ala. ----- WIBZ                      Montreal, Can. ----- CFCF, CHYC, CKAC, CNRM                      Mt. Clemens, Mich. ----- WABX                      Muncie, Ind. ----- WLBC                      Muscatine, Ia. ----- KTNT</p>	<p>Rock Island, Ill. ----- WHBF, WHBS                      Rossville, N. Y. ----- WBRR                      Royal Oak, Mich. ----- WAGM</p>	
<p>Baltimore, Md. ----- WBAL, WCAO, WFBR                      WCBM, WABI                      Bangor, Me. ----- KQDE                      Barrett, Minn. ----- WORD                      Batavia, Ill. ----- WKBP                      Battle Creek, Mich. ----- WSKC                      Bay City, Mich. ----- WRST                      Bay Shore, N. Y. ----- KFDM                      Beaumont, Texas ----- KFBR                      Beeville, Texas ----- WHBD                      Bellefontaine, Ohio ----- WEBW                      Beloit, Wis. ----- WBET                      Belvidere, Ill. ----- KRE                      Berkeley, Calif. ----- WEMC                      Berrien Springs, Mich. ----- KFJB                      Big Bear Lake, Calif. ----- WBRC, WKBC                      Birmingham, Ala. ----- KFJR                      Bismark, N. D. ----- KFGQ                      Boone, Ia. ----- KFAU, KFDD                      Boise, Idaho ----- WAZ, WBZA, WBET, WEEL, WNAB, WNAC, WSSH.                      Bridgeport, Conn. ----- WCWS, WICC                      Bristol, Okla. ----- KVOO                      Brookings, S. D. ----- KFDY, KGCR                      Brookville, Ind. ----- WKBV                      Brownsville, Texas ----- KWGW                      Buffalo, N. Y. ----- WEBR, WGR, WKBW, WPDQ, WSVS</p>	<p>Fairmount, Minn. ----- KFVN                      Fall River, Mass. ----- WSAR, WTAB                      Fargo, N. D. ----- WDAY, WPAK                      Farmingdale, N. Y. ----- WLBO                      Fayetteville, Ark. ----- KUOA                      Flagstaff, Ariz. ----- KFXV                      Flint, Mich. ----- WFDY                      Flushing, N. Y. ----- WIBI                      Fond-du-Lac, Wis. ----- KFIZ                      Freeport, N. Y. ----- WGBB                      Fresno, Calif. ----- KMJ                      Ft. Dodge, Ia. ----- KFJY                      Ft. Wayne, Ind. ----- WHBJ, WWOV, WCWK                      Ft. Worth, Tex. ----- KFJZ, KFQB, WBAP                      Fulford By The Sea, Fla. ----- WGBU</p>	<p>Nashville, Tenn. ----- WBAW, WDAD, WSM, WLAC.                      New Bedford, Mass. ----- WIBH, WNBH                      New Castle, Pa. ----- WKBU                      Newburg, N. Y. ----- WKBM                      Newark, Ark. ----- KGCC                      Newark, N. J. ----- WBPI, WGPC, WAAM, WNJ, WOR, WDWV, WMBM.                      New Haven, Conn. ----- WDRC                      New Orleans, La. ----- WABZ                      WKBT, WCBE, WJBO, WJBW, WWSB, WWL.                      New York ----- WBBR, WBNY, WBSR, WFAF, WEBJ, WFBH, WFRL, WGBS, WHAP, WHN, WJY, WJZ, WLWL, WMCA, WMSG, WNYC, WOKO, WRMU, WRNY, WSDA, WBBC, WFRL, WJUG, WKBO, WTRC, WARS, WBKN, WLBE, WMRJ.                      New Westminster, Can. ----- CFYC                      Norfolk, Neb. ----- WJAG                      Norfolk, Va. ----- WBBW, WTAR, WPAE, WNAE                      Norman, Okla. ----- WNAE                      North Bergen, N. J. ----- WBSM                      Northfield, Minn. ----- KFMX, WCAL                      N. Plainfield, N. J. ----- WEAM</p>	<p>Sacramento, Calif. ----- KFBK                      Salt Lake City, Utah ----- KDYL, KFUT, KSL, KFOO.                      San Antonio, Tex. ----- WCAR, WOAI, KTAP, KGCM, KGCI, KGDR.                      San Benito, Texas ----- KFLU                      San Bernardino, Calif. ----- KFVC                      San Diego, Calif. ----- KFBC, KFSD                      San Francisco, Calif. ----- KFRC, KFWI, KGTT, KJBS, KPO, KYA.                      San Jose, Calif. ----- KFAF, KQW                      Santa Barbara, Calif. ----- KFRC                      San Juan, P. R. ----- WKAQ                      Santa Maria, Calif. ----- KSMR                      Saskatoon, Can. ----- CJWC, CNRS                      Schenectady, N. Y. ----- WGY                      Scranton, Pa. ----- WGBI, WQAN                      Scarborough Station, Ont. ----- CJYC                      Seattle, Wash. ----- KFOA, KFOX, KFQW, KGDI, KGEA, KRCS, KVOS, KXRO, KJR, KGCL, KOMO, KTW.                      Shelby, Neb. ----- KGBY                      Shenandoah, Ia. ----- KFNF, KMA                      Shreveport, La. ----- KFDX, KGDX, KWKH, KSBA, KRAC.                      Sioux City, Ia. ----- KFMR, WEAU                      Sioux Falls, S. D. ----- KSOO                      South Bend, Ind. ----- WSBT                      Spokane, Wash. ----- KFIO, KFPY, KGA, KHQ.                      Springfield, Mass. ----- WBZ                      Springfield, Ohio ----- WCSO                      Springfield, Vt. ----- WQAE                      State College, N. M. ----- KOB                      State College, Pa. ----- WPSC                      St. Cloud, Minn. ----- WFAM                      St. Joseph, Mo. ----- KGBX                      Stevens Point, Wis. ----- WLBI, WLBL                      St. Louis, Mo. ----- KFQA, KFUB, KFWF, KMOX, KSD, WEA, WIL, WMAJ, WSBF, KFVE.                      Stockton, Calif. ----- KWG, KGDM                      Storrs, Conn. ----- WCAC                      St. Paul, Minn. ----- KFOY                      St. Petersburg, Fla. ----- WHBN, WJBB, WKBJ                      Streator, Ill. ----- WTAX                      Steubenville, Ohio ----- WBR                      Superior, Wis. ----- WBCB                      Sylvan, Ore. ----- KOIN                      Syracuse, N. Y. ----- WFBL, WSYR</p>	
<p>Calgary, Can. ----- CFAC, CFCN, CNRC                      Camden, N. J. ----- WCAM                      Camp Lake, Wis. ----- WCLO                      Canton, N. Y. ----- WCAD                      Canton, Ohio ----- WHBC                      Cape Girardeau, Mo. ----- KFVS                      Cartersville, Mo. ----- KFPV                      Carthage, Ill. ----- WTAD, WCAZ                      Cazenovia, N. Y. ----- WMAC                      Cedar Rapids, Ia. ----- KWCR, WJAM                      Charleston, S. C. ----- WBY                      Charlotte, N. C. ----- WBT                      Chattanooga, Tenn. ----- WDDO                      Chelsea, Mass. ----- WRSC                      Chicago, Ill. ----- WAAF, WBBM, WBBZ, WBCN, WCRV, WCFL, WEBH, WENR, WFKB, WGES, WGN, WHBL, WHBM, WHFC, WHT, WIBJ, WIBM, WIBO, WJAZ, WJBT, WJJD, WKBC, WKBI, WLBI, WLS, WLTS, WMAQ, WMBB, WMBI, WOK, WPCC, WQJ, WSAX, WSSC, WSWB, WEHS, WBSA, WEDC, WOBB, WLBN.</p>	<p>Hamilton, Ohio ----- WRK, WSRO                      Harrisburg, Ill. ----- WBEQ                      Harrisburg, Pa. ----- WABB, WBAK, WHBG, WPRC                      Hartford, Conn. ----- WTIC                      Hastings, Neb. ----- KFKX                      Havant, Cuba ----- PWX                      Haverford, Pa. ----- WABQ                      Havre, Mont. ----- KFBB                      Holy City, Calif. ----- KFQU                      Honolulu, Hawaii ----- KGU                      Hollywood, Calif. ----- KFQZ, KFVB                      Hot Springs, Ark. ----- KTHS                      Houston, Texas ----- KFVI, KFVJ, KPRC, KTUE, WSAV                      Huntington, Ind. ----- WHOG                      Huntsville, Ont. ----- CHCO                      Independence, Kans. ----- KFVG                      Independence, Mo. ----- KLDL                      Indianapolis, Ind. ----- WFBM, WKBF                      Iowa City, Ia. ----- KFQP, WSUI                      Iroquois Falls, Can. ----- CFCH                      Ithaca, N. Y. ----- WEAI, WLCI</p>	<p>Oak, Neb. ----- KFEQ                      Oakland, Calif. ----- KFUS, KFJU, KFWM, KGO, KLS, KLX, KTAB, KZM.                      Ogden, Utah ----- KFVA                      Oil City, Pa. ----- WHBA                      Oklahoma City, Okla. ----- KFJF, KFJR, KGCB, WKY, KGDY                      Oldham, S. D. ----- KFRW                      Olympia, Wash. ----- KFRW                      Omaha, Neb. ----- KFOX, KOCH, WAAW, WNAL, WOW.                      Omro, Wis. ----- WJBR                      Orlando, Fla. ----- WOCB                      Orono, Me. ----- WGBX                      Oskaloosa, Ia. ----- KFHL                      Ottawa, Can. ----- CHXC, CKCO, CNRO                      Owosso, Mich. ----- WSMH                      Oxford, Miss. ----- WCBH                      Oxnard, Calif. ----- KFYY</p>	<p>Tacoma, Wash. ----- KMO, KVI                      Takoma Park, Md. ----- WBS                      Tampa, Fla. ----- WDAE                      Tarrytown, N. Y. ----- WRW                      Taunton, Mass. ----- WAIT                      Texarkana, Tex. ----- KFYO                      Tilton, N. H. ----- WBRV                      Toledo, Ohio ----- WABR, WTAL                      Toronto, Can. ----- CFCA, CHIC, CHNC, CJSC, CJYC, CKCL, CKNC, CNRT.                      Trenton, N. J. ----- WOAX                      Trinidad, Colo. ----- KFBS                      Troy, N. Y. ----- WHAZ                      Tullahoma, Tenn. ----- WCTF                      Tulsa, Okla. ----- WLAL                      Tuscola, Ill. ----- WDBZ                      Tucson, Ariz. ----- KGAR, KGBS</p>	
<p>Chicago Heights, Ill. ----- WJBZ                      Chickasha, Okla. ----- KOCW                      Cincinnati, Ohio ----- WAAD, WKRC, WFBE, WLW, WSAI.                      Clarinda, Ia. ----- KSO                      Clay Center, Neb. ----- KMMJ                      Clearwater, Fla. ----- WGHB                      Cleveland, Ohio ----- WDBK, WEAR, WLBT, WHK, WTAM.                      Cliffside, N. J. ----- WQAO, WPAP                      College Station, Texas ----- WTAW                      Collegeville, Minn. ----- WFBJ                      Colorado Springs, Colo. ----- KFUM, KFJF                      Columbia, Mo. ----- KFUR                      Columbus, Ohio ----- WAJU, WEAO, WCAH, WMAN</p>	<p>Jacksonville, Fla. ----- WJAX                      Jamestown, N. Y. ----- WQCL                      Jefferson City, Mo. ----- WOS                      Jeannette, Pa. ----- WGM                      Jersey City, N. J. ----- WKBO, WAAT                      Johnston, Pa. ----- WHBP                      Joliet, Ill. ----- WCLS, WJBA, WKBB                      Junction City, Kans. ----- KFJC                      Juneau, Alaska ----- KFIU</p>	<p>Parkeburg, Pa. ----- WQAA                      Pasadena, Calif. ----- KPPC, KPSN                      Paterson, N. J. ----- WODA                      Pawtucket, R. I. ----- WFCI                      Peekskill, N. Y. ----- WOKO                      Pensacola, Fla. ----- WCOA                      Petoskey, Mich. ----- WBBP                      Philadelphia, Pa. ----- WABY, WCAU, WFI, WHBW, WIAD, WIP, WLIT, WNAT, WOO, WRAX, WFKD, WLBA.                      Phoenix, Ariz. ----- KFAD, KFCB                      Pineville, La. ----- KFVU                      Pittsburg, Pa. ----- KDKA, KOV, WCAE, WJAS                      Plainfield, Ill. ----- WWAE                      Pocatello, Idaho ----- KSEI                      Pomeroy, Ohio ----- WSAZ                      Pontiac, Mich. ----- WCX, WJR                      Portable Stations ----- WATT, WBBZ, WCWS, WEBL                      Port Huron, Mich. ----- WAFD                      Portland, Me. ----- WCSH                      Portland, Ore. ----- KFEC, KFIF, KFJR, KFWV, KGW, KTBR, KEX, KYL.                      Poyette, Wis. ----- WIBU                      Prescott, Ariz. ----- KPJM                      Providence, R. I. ----- WCBR, WCBG, WEAN, WJAR, WLSI, WRAH                      Pueblo, Colo. ----- KGDP                      Pullman, Wash. ----- KWSC</p>	<p>University Place, Neb. ----- WCAJ                      Urbana, Ill. ----- WRM                      Utica, N. Y. ----- WIBX</p>	
<p>Concordia, Kans. ----- KGCN                      Corvallis, Ore. ----- KOAC                      Council Bluffs, Ia. ----- KOIL                      Cranston, R. I. ----- WDFW                      Cresco, Ia. ----- KGOJ                      Culver, Ind. ----- WCMA</p>	<p>Kansas City, Mo. ----- KWKC, WDAF, WHB, WOQ, WLBF.                      Kellogg, Idaho ----- KFEY                      Kenosha, Wis. ----- WKDR                      Kingston, Can. ----- CFRC                      Kingston, N. Y. ----- WDBZ                      Kingston, Pa. ----- WABF                      Kirksville, Mo. ----- KFKZ                      Knoxville, Tenn. ----- WFBC, WNOX                      Kokomo, Ind. ----- WJAK</p>	<p>Phoenix, Ariz. ----- KFAD, KFCB                      Pineville, La. ----- KFVU                      Pittsburg, Pa. ----- KDKA, KOV, WCAE, WJAS                      Plainfield, Ill. ----- WWAE                      Pocatello, Idaho ----- KSEI                      Pomeroy, Ohio ----- WSAZ                      Pontiac, Mich. ----- WCX, WJR                      Portable Stations ----- WATT, WBBZ, WCWS, WEBL                      Port Huron, Mich. ----- WAFD                      Portland, Me. ----- WCSH                      Portland, Ore. ----- KFEC, KFIF, KFJR, KFWV, KGW, KTBR, KEX, KYL.                      Poyette, Wis. ----- WIBU                      Prescott, Ariz. ----- KPJM                      Providence, R. I. ----- WCBR, WCBG, WEAN, WJAR, WLSI, WRAH                      Pueblo, Colo. ----- KGDP                      Pullman, Wash. ----- KWSC</p>	<p>Valparaiso, Ind. ----- WRBC                      Vancouver, Can. ----- CKCD, CNRV, CFYC                      Venice, Calif. ----- KFVD                      Vermillion, S. D. ----- KUSD                      Vida, Mont. ----- KGCC                      Victoria, Canada ----- CFCT</p>	
<p>Dallas, Texas ----- WFAA, WRR, KGDO, KRLD, WKBY                      Danville, Pa. ----- WMAF                      Dartmouth, Mass. ----- WOC                      Davenport, Ia. ----- KFOR                      David City, Neb. ----- WSMK                      Dayton, Ohio ----- WBAO, WJBL                      Decatur, Ill. ----- KGOZ, KGCA                      Decornh, Ia. ----- KGOZ, KGDA                      Dell Rapids, S. D. ----- KFEL, KFUP, KOA, KLZ, KFVR.                      Denver, Colo. ----- WHO</p>	<p>Lacey, Wash. ----- KGY                      Laconia, N. H. ----- WKAV                      LaCrosse, Wis. ----- WKBB                      Lakewood, N. J. ----- WCGU                      Lambertville, N. J. ----- WTAZ                      Lanester, Pa. ----- WKJC, KGAL                      Lansing, Mich. ----- WKAR, WROE                      Lapeer, Mich. ----- WMPF                      La Porte, Ind. ----- WRAF                      Laramie, Wyo. ----- KFBU                      La Salle, Ill. ----- WJBC                      Lawrence, Kans. ----- KFKU                      Lawrenceburg, Tenn. ----- WOAN                      Le Mars, Ia. ----- KWUC                      Lewisburg, Pa. ----- WJBU                      Lincoln, Neb. ----- KFAB, WFAV                      Lockport, N. Y. ----- WMAK                      Logansport, Ind. ----- WIBW                      Logan, Utah ----- KFJC                      London, Can. ----- KFON                      Long Beach, Calif. ----- KFI, KFPR, KFSG, KHJ, KMTR, KNRC, KNX, KTB.                      Louisville, Ky. ----- WHAS, WLAP                      Ludington, Mich. ----- WKBZ</p>	<p>Racine, Wis. ----- WRRS                      Raleigh, N. C. ----- WRCO                      Rapid City, S. D. ----- WCAT                      Reading, Pa. ----- WRAV                      Red Bank, N. J. ----- WJBI                      Regina, Can. ----- CHWC, CKCK, CNRR                      Richmond, Va. ----- WBBL, WRVA                      Richmond Hill, N. Y. ----- WBOQ, WGMU, WRMU, WABC.                      Roanoke, Va. ----- WDBJ                      Rochester, N. Y. ----- WABO, WHAM, WOKT, WHEC.                      Rockford, Ill. ----- KFLV</p>	<p>Waukegan, Ill. ----- WPEP                      Wayne, Neb. ----- KGCH                      Webster, Mass. ----- WKBE                      Wellesley Hills, Mass. ----- WBSO                      West DePere, Wis. ----- WHBY                      West Lafayette, Ind. ----- WBAA                      Wheeling, W. Va. ----- WWVA                      Whiteville, Tenn. ----- WREC                      Wichita, Kans. ----- KFH, KFOT                      Wilkes-Barre, Pa. ----- WBAX, WBRE                      Winnipeg, Can. ----- CKY, CNRW                      Winter Park, Fla. ----- WDBO                      Woodhaven, N. Y. ----- WJVB                      Woodsie, N. Y. ----- WWRL                      Wooster, Ohio ----- WABW                      Worcester, Mass. ----- WTAC                      Wilmington, Del. ----- WDEL</p>	<p>Yakima, Wash. ----- KFIQ                      Yankton, S. D. ----- WNAX                      Yellow Springs, Ohio ----- WRAY                      York, Neb. ----- KGBZ                      Youngstown, Ohio ----- WKBN                      Ypsilanti, Mich. ----- WJBK                      Zion, Ill. ----- WCBD</p>
<p>Des Moines, Ia. ----- WHO                      Detroit, Mich. ----- WGHP, WJR, WCX, WMBC, WWJ, WDXL, WWPR.                      Devil's Lake, N. D. ----- KDLR                      Dublin, Texas ----- KFPL</p>	<p>Macon, Ga. ----- WMAZ                      Madison, Wis. ----- WHA, WBA                      Manchester, N. H. ----- WCOM                      Mandan, N. D. ----- KCGU                      Manhattan, Kans. ----- KSAC</p>	<p>Rockford, Ill. ----- KFLV</p>	<p>Zion, Ill. ----- WCBD</p>	



The only praise the Radio Casting Stations receive is when you wire, phone or write. When you hear a good concert, cut off one of these cards and mail it to the station, they will appreciate it. Additional Appreciation Cards can be had from the manufacturers at \$1.00 per hundred with your name and address printed in. In ordering please give dealer's name, also print your name and address to avoid mistakes.

MULTIVIDER MFG. CO., Kansas City, Mo.

### Air Line Radio Map and Log Appreciation Card

Station \_\_\_\_\_ Date \_\_\_\_\_  
 I tuned in your station \_\_\_\_\_  
 Between the hours of \_\_\_\_\_ and \_\_\_\_\_ Kind of time \_\_\_\_\_  
 Your modulation was \_\_\_\_\_ Your signal strength was \_\_\_\_\_  
 Your concert was \_\_\_\_\_  
 The kind of set I used was \_\_\_\_\_  
 Number of tubes \_\_\_\_\_ Kind of batteries \_\_\_\_\_

- |   |  |  |  |
|---|--|--|--|
| The Kind of Broadcasting I Prefer:      |  | Please send me the following:                              |  |
| <input type="checkbox"/> Talks          | <input type="checkbox"/> Popular Music           | <input type="checkbox"/> Catalogue of your product.        |  |
| <input type="checkbox"/> Dance          | <input type="checkbox"/> Classical Music         | <input type="checkbox"/> Your broadcasting schedule.       |  |
| <input type="checkbox"/> News Bulletins | <input type="checkbox"/> Special Varied Features | <input type="checkbox"/> Verification of the above.        |  |
| <input type="checkbox"/> Organ Music    | <input type="checkbox"/> Church Services         | <input type="checkbox"/> Put my name on your mailing list. |  |
| <input type="checkbox"/> Band Music     | <input type="checkbox"/> Educational Programs    |  |  |

REMARKS: \_\_\_\_\_ From \_\_\_\_\_  
 Copyrighted, 1926, J. P. Coughlin

### Air Line Radio Map and Log Appreciation Card

Station \_\_\_\_\_ Date \_\_\_\_\_  
 I tuned in your station \_\_\_\_\_  
 Between the hours of \_\_\_\_\_ and \_\_\_\_\_ Kind of time \_\_\_\_\_  
 Your modulation was \_\_\_\_\_ Your signal strength was \_\_\_\_\_  
 Your concert was \_\_\_\_\_  
 The kind of set I used was \_\_\_\_\_  
 Number of tubes \_\_\_\_\_ Kind of batteries \_\_\_\_\_

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|---|--|--|--|
| The Kind of Broadcasting I Prefer:      |  | Please send me the following:                              |  |
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| <input type="checkbox"/> Dance          | <input type="checkbox"/> Classical Music         | <input type="checkbox"/> Your broadcasting schedule.       |  |
| <input type="checkbox"/> News Bulletins | <input type="checkbox"/> Special Varied Features | <input type="checkbox"/> Verification of the above.        |  |
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Station \_\_\_\_\_ Date \_\_\_\_\_  
 I tuned in your station \_\_\_\_\_  
 Between the hours of \_\_\_\_\_ and \_\_\_\_\_ Kind of time \_\_\_\_\_  
 Your modulation was \_\_\_\_\_ Your signal strength was \_\_\_\_\_  
 Your concert was \_\_\_\_\_  
 The kind of set I used was \_\_\_\_\_  
 Number of tubes \_\_\_\_\_ Kind of batteries \_\_\_\_\_

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|---|--|--|--|
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 Your modulation was \_\_\_\_\_ Your signal strength was \_\_\_\_\_  
 Your concert was \_\_\_\_\_  
 The kind of set I used was \_\_\_\_\_  
 Number of tubes \_\_\_\_\_ Kind of batteries \_\_\_\_\_

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 Number of tubes \_\_\_\_\_ Kind of batteries \_\_\_\_\_

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| <input type="checkbox"/> Band Music     | <input type="checkbox"/> Educational Programs    |  |  |

REMARKS: \_\_\_\_\_ From \_\_\_\_\_  
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Private Mailing Card

PLACE  
TWO  
CENT  
STAMP  
HERE

Private Mailing Card

PLACE  
TWO  
CENT  
STAMP  
HERE

Private Mailing Card

PLACE  
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Private Mailing Card

PLACE  
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Private Mailing Card

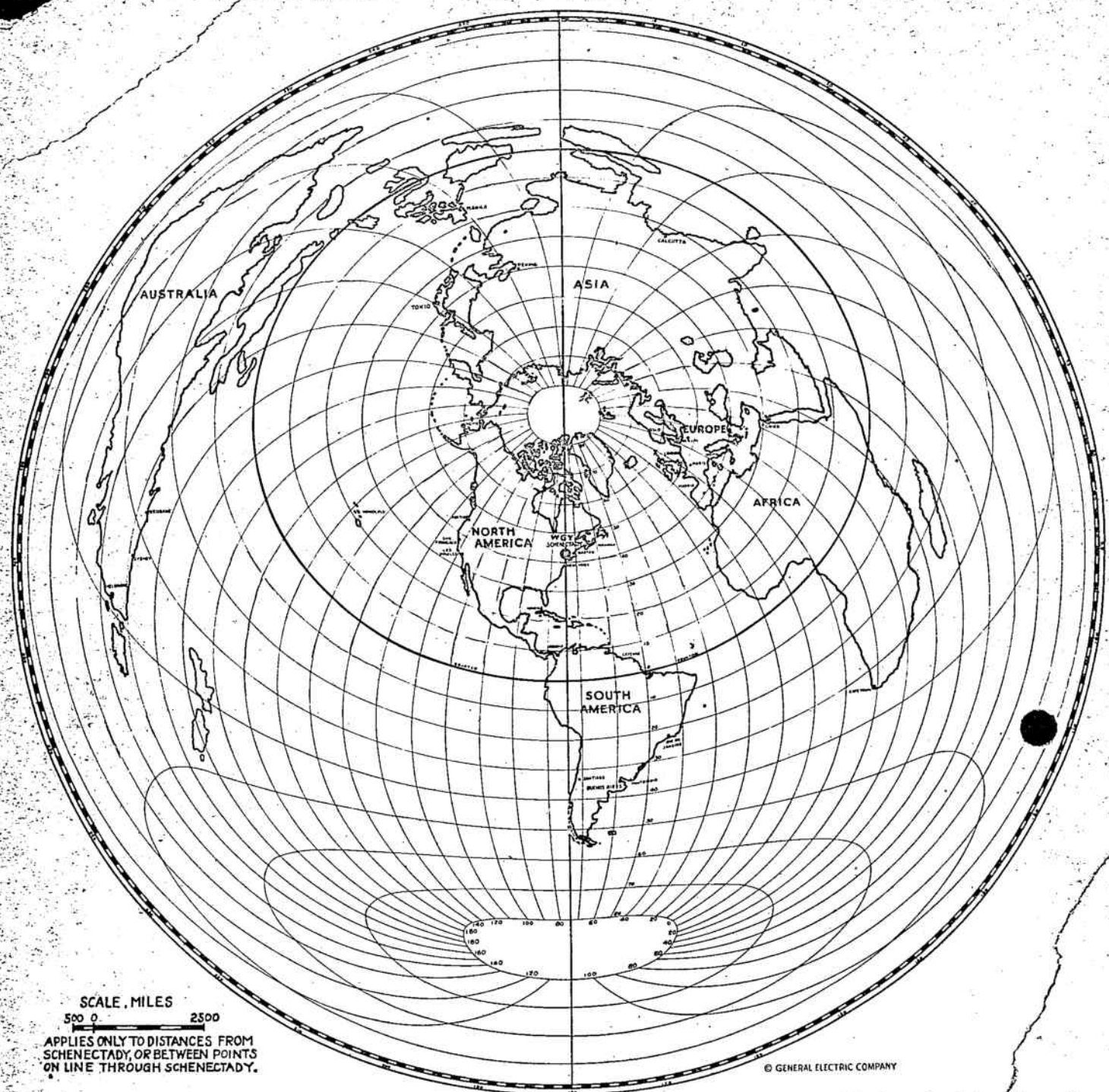
PLACE  
TWO  
CENT  
STAMP  
HERE

Private Mailing Card

PLACE  
TWO  
CENT  
STAMP  
HERE

# EQUIDISTANT ZENITHAL PROJECTION MAP

Reprinted Through the Courtesy of General Electric Co., Schenectady, N. Y.



SCALE, MILES  
500 0 2500

APPLIES ONLY TO DISTANCES FROM SCHENECTADY, OR BETWEEN POINTS ON LINE THROUGH SCHENECTADY.

© GENERAL ELECTRIC COMPANY

If you have ever tried to figure the distance between any point in North America and a city in Asia, or South Africa making due allowance for the curvature of the earth, you will appreciate this distorted map which was drawn for the convenience of radio engineers of the General Electric Company in interpreting transmission tests.

It is known as an "equidistant zenithal projection," which means that you don't have to resort to spherical trigonometry or a slide rule to get either direction or distance between two points on the face of the earth, one point of which is the center of the map.

This map is drawn with Schenectady as a center and all measurements, to be accurate must be from or to Schenectady. An entirely different distortion would be produced if the map were drawn with London or Melbourne as a center.

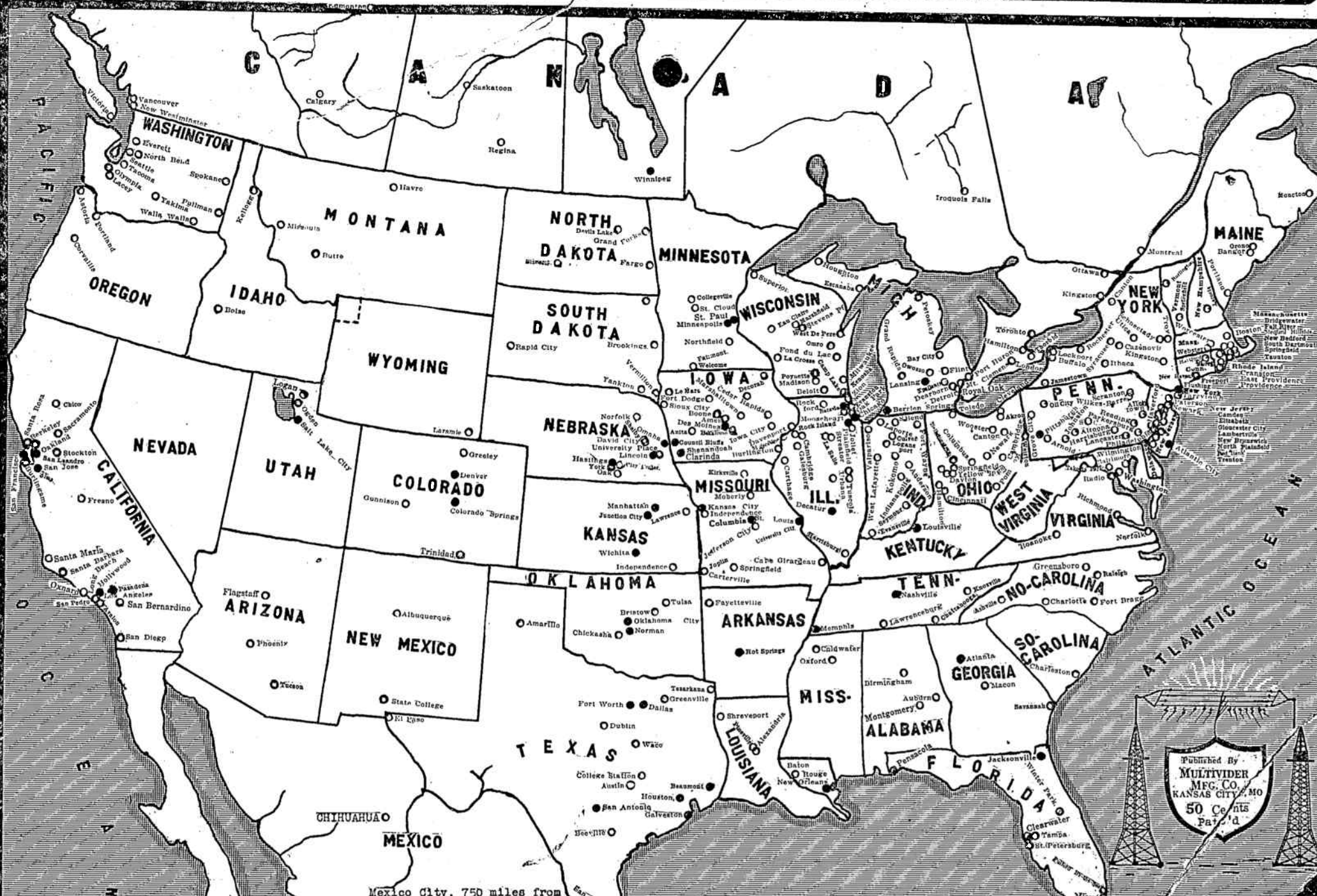
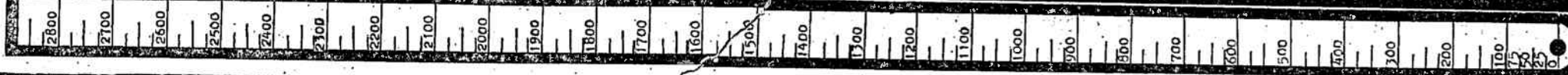
The projection has three main uses. First it gives the straight line distance between Schenectady and any other point on the earth's surface. This is obtained by measuring the distance from Schenectady to the point in question and converting this measurement in inches into miles by means of the scale at the bottom of the map.

The map is valuable, in the second place, as it shows the nature of the intervening territory between Schenectady and

any other point. This is highly important for the radio engineer for, as is well known, the distance over which radio signals can be transmitted depends, among other things, on the nature of intervening territory, that is whether it is land or water. Distance transmission over territory three-fourths of which is water and one-fourth land is not so difficult as transmission over the same distance three-fourths land and one-fourth water.

In the third place the map gives the exact bearing or direction from Schenectady to any other point on the earth's surface. This bearing is obtained by extending a straight line through Schenectady and the point in question to the scale on the periphery of the map which reads directly in degrees. It would not be supposed, for example, that radio signals from Schenectady would travel within a few degrees of the North Pole to reach Manila. The average person would not expect a radio wave, traveling in a straight line and the shortest distance to Calcutta, to take a north-easterly route.

NOTICE—This map is accurate only for determination of distances between two places, one of which is Schenectady, N. Y. Because of the distorted nature of the map, very great variations arise. In other words the distance from San Francisco to London would not be accurate, but from Schenectady to London would. Use the other map to determine distances from Schenectady to where you live.



Mexico City, 750 miles from  
 OAXACA 800 miles from  
 MAZATLAN CHIHUAHUA  
 MONTEREY

**AIR LINE RADIO MAP AND LOG**



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