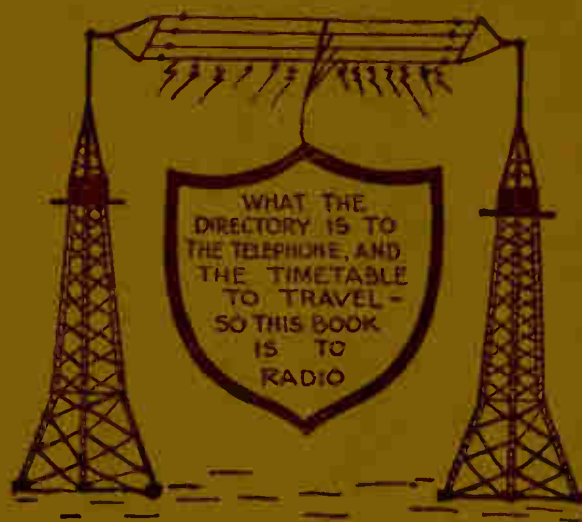


Form 34  
K-7-1-1935

# AIR LINE

## Radio Map, Log AND DIRECTORY

Official List Effective November 11th  
Also Prior List for Comparison  
Winter Edition Revised to Date



DE LUXE EDITION  
Price 25 Cents the Copy

Pioneer Music Co.  
421 Commercial  
Emporia, Kansas

# 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 will 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 for 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

## KIND OF BROADCASTING

Key No.	Kind of Broadcasting
1. Monday	21. Market Reports
2. Tuesday	22. Music
3. Wednesday	23. News Bulletins
4. Thursday	24. Dance Music
5. Friday	25. Speaking
6. Saturday	26. Educational
7. Sunday	27. Bad Time Stories
8. Daily including Sunday.	28. Church Services
9. Daily excepting Sunday	29. Special Features
10. Daily excepting Saturday and Sunday	30. Bible Lessons
11. Daily	31. Features
12. Daily excepting Sunday and Tuesday	32. Dinner Concert
13. Daily excepting Sunday and Thursday	33. Sermons
14. Daily excepting Monday	34. Entertainment
15. Daily excepting Thursday	35. Talks
16. Daily excepting Sunday and Monday	36. Agriograms
17. Daily excepting Sunday and Friday	37. Irregular
18. Daily excepting Wednesday.	38. Orchestra
19. Silent	39. Popular Music
20. Daily excepting Saturday	40. Classical Music
	41. Sacred Songs
	42. Matinee Musicale
	43. Concerts
	44. Weather
	45. Sports
	46. Band Concert
	47. Children's Hour
	48. Musicals
	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 Stories
	59. Zeno Social
	60. Hebrewcast
	61. Sacred
	62. Informal
	63. Poultry Talk
	64. College Activities
	65. Sport Events
	66. Vocal Concert
	67. Diversified
	68. Daily Exercise
	69. Recount 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.
6:00 P. M. in Amsterdam.
5:00 P. M. in Athens.
4:00 P. M. in Beirut.
3:00 P. M. in Bogota.
2:00 P. M. in Bombay.
1:00 A. M. in Madras on following day.
0:30 A. M. in Mexico.
0:00 P. M. in Paris.
7:00 P. M. in Petrograd.
5:00 P. M. in Rio de Janeiro.
4:00 P. M. in Rome.
3:00 A. M. in Sitka, Alaska.
4:00 P. M. in Stockholm.
4:00 P. M. in Vienna.
3:00 A. M. in Yokohama.
6:00 P. M. in Brussels.
7:00 P. M. in Capetown.
4:00 P. M. in Hamburg.
1:00 A. M. in Havana.
0:00 P. M. in Havre.
1:00 A. M. in Hongkong.
0:30 A. M. in Honolulu.
1:00 P. M. in London.
1:00 A. M. in Manila.

	EASTERN TIME.	CENTRAL TIME.	MOUNT. TIME.	PACIFIC TIME.
AA	12	11	10	9
BB	11:15	10:30	9:45	8:00
CC	11:30	10:45	10:00	8:15
DD	11:45	11:00	10:15	8:30
EE	1	12	11	10
FF	1:15	12:30	11:45	10:15
GG	1:30	12:45	12:00	10:30
HH	1:45	12:45	12:00	10:45
I	2	1	12	11
J	2:15	1:30	12:45	11:15
KK	2:30	1:45	12:30	11:30
LL	2:45	2:00	12:45	11:45
MM	3	2	1	12
NN	3:15	2:30	1:15	12:15
OO	3:30	2:45	1:30	12:30
PP	3:45	3:00	1:45	12:45
QQ	4	3	2	1
RR	4:15	3:30	2:45	1:15
SS	4:30	3:45	2:30	1:30
TT	4:45	3:45	2:45	1:45
UU	5	4	3	2
VV	5:15	4:30	3:15	2:15
WW	5:30	4:30	3:30	2:30
XX	5:45	4:45	3:45	2:45
Y	6	5	4	3
Z	6:15	5:30	4:45	3:15
A	6:30	5:30	4:30	3:30
B	6:45	5:45	4:45	3:45
C	7	6	5	4
D	7:15	6:15	5:15	4:15
E	7:30	6:30	5:30	4:30
F	7:45	6:45	5:45	4:45
G	8	7	6	5
H	8:15	7:15	6:15	5:15
I	8:30	7:30	6:30	5:30
J	8:45	7:45	6:45	5:45
K	9	8	7	6
L	9:15	8:15	7:15	6:15
M	9:30	8:30	7:30	6:30
N	9:45	8:45	7:45	6:45
O	10	9	8	7
P	10:15	9:15	8:15	7:15
Q	10:30	9:30	8:30	7:30
R	10:45	9:45	8:45	7:45
S	11	10	9	8
T	11:15	10:15	9:15	8:15
U	11:30	10:30	9:30	8:30
V	11:45	10:45	9:45	8:45
Y - A.M.				Z - P.M.

Published by

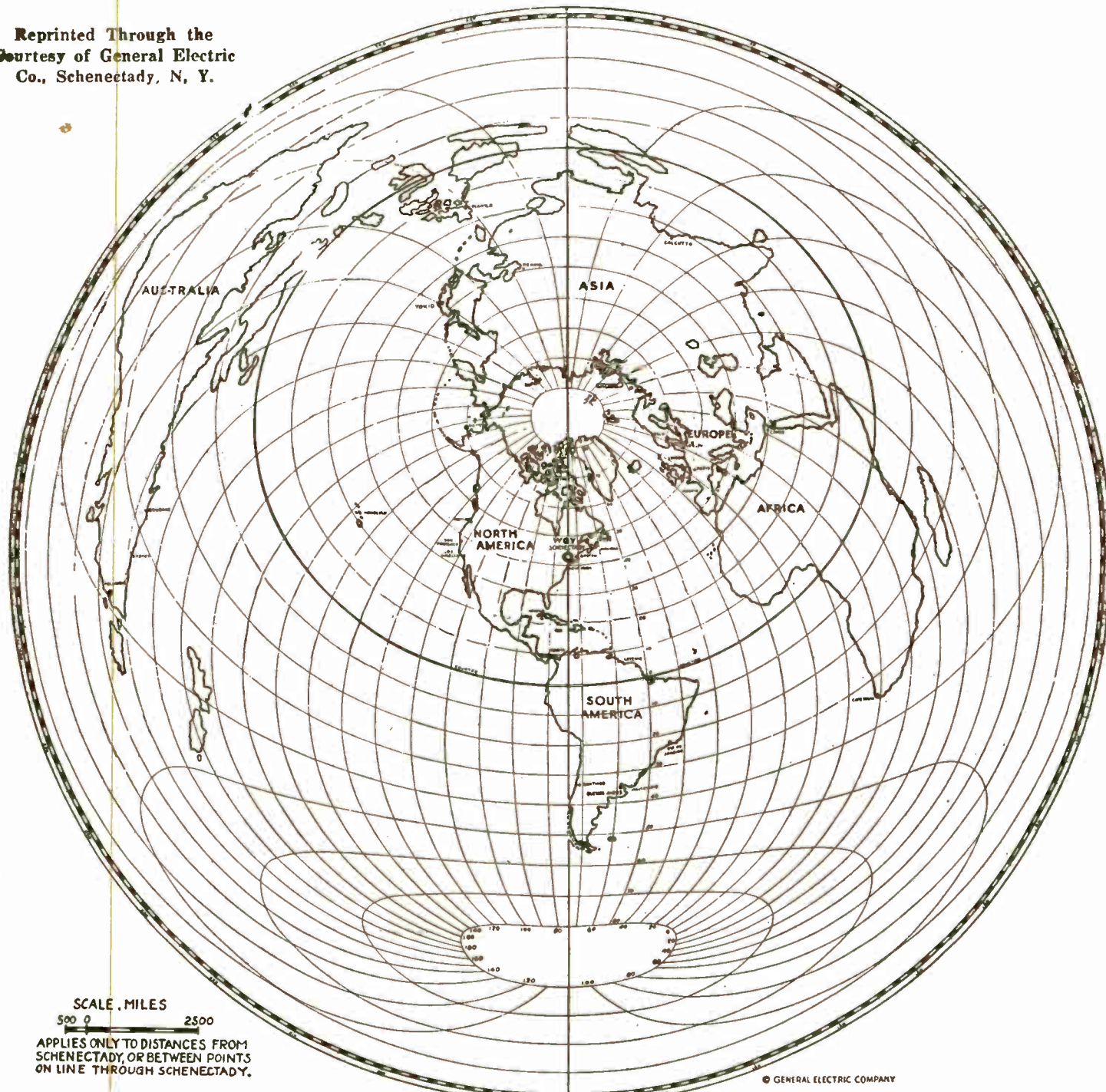
MULTIVIDER MFG. CO., 3221 Morrell Ave., Kansas City, Missouri

Note supplemental coupon. Send this in at once. This brings you a FREE supplement for the whole season.

Copyrighted 1937-1938, Joseph P. Fogarty

# EQUIDISTANT ZENITHAL PROJECTION MAP

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



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.

## DIRECTIONS FOR USE OF MAP ON REVERSE SIDE.

To get distance, cut out scale and fasten on your town with brass paper fastener.



# AIR LINE RADIO MAP, LOG AND DIRECTORY

Published at Kansas City, Missouri, four times a year by Multivider Mfg. Co.  
Single Copies 25 cents; Yearly Rate, \$1.00

## Official Listing of All Stations Whether Five Watts or Fifty Thousand

—BY—

CALL LETTERS, KILOCYCLES, METERS AND TOWNS, having a unique broadcasting schedule, enabling the user to see at a glance who is in 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 FREE 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

Remove Map and Postals From Center of Book

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. 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 FREE supplemental service. You will find it with the appreciation cards. 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	Cs. Slovakia	TPA-TUZ	Norway
AQA-AWZ	Norway	HCA-HCZ	Ecuador	OLA-OMZ	Holland	TVB-TZZ	Bays,Bas
AXAIAZZ	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		Siam	PJA-PJM	Curacao		and Slovakia
CAA-CEZ	Chili	HGA-HIZ	Rep. Dominican	PJN-PJM	Surinam	UOA-UOZ	Austria
CFA-CKZ	Possessions et Protec- torate britanniques	HIA-HIZ	Rep. Colombia	PKA-PMZ	Dutch Indies	UPA-___ZZ	Italy
	Spain	HJA-HKZ	Spain	PNA-PPZ	Brazil	VAA-VGZ	Canada
CLA-CMZ	Morocco	HLA-HNU	New Hebrides	PQA-PSZ	Portugal	VHA-VKZ	Aust. Feder.
CNA-CNZ	Great Britain	HNV-HNZ	France et Colonies et	PTA-PVZ	Brazil	VLA-VMZ	New Zealand
COA-COZ	Bolivia	HOA-HZZ	Protectorats	PWA-PWZ	Cuba	VNA-VNZ	Union of South Africa
CPA-CPZ	Monaco		Italy and Colonies	PXA-PZZ	Pays-Bas, Metropole	VOA-VOZ	New Foundland
CQA-CQZ	Portuguese Colonies	I	Japan and Possessions	Q	Reservee pour les abre- viations	VPA-VSZ	Colonies et Protectorats
CRA-CRZ	Portugal	J	Germany		Union des Republicues		britanniques-ayant
CSA-CUZ	Roumania	KAA-KAY	Free City of Dansig	RAA-RQZ	Sovietiste Socialistes	VTA-VWZ	pas de Gov. autonome
CVA-CVZ	Uruguay	KAZ	Germany			VXA-VZZ	Indes britanniques et
CWA-CWZ	Spain	KBA-KBZ	Latvia	BRA-RWS	Albania		Golfe persique
CXA-CXZ	Mexico	KDA-KZZ	U. S. of America	RWT-TWZ	Panama		Colonies et Protectorats
CYA-CZZ	Germany	LAA-LHS	Norway	RXA-RXZ	Lithuania	W	britanniques
DAA-DSZ	Free City of Dansig	LIA-LRZ	Argentine Rep.	RYA-RYZ		XAA-XDZ	U. S. of America
DTA-DTZ	Germany	LSA-LUZ	Great Britain	RZA-RZZ	Sweden	XEA-XMZ	Mexico
DUA-DZZ	Spain	LVA-LVZ	Guatemala	SAA-SMZ	Brazil	XNA-XSZ	Great Britain
EAA-EHZ	Great Britain	LWA-LWZ	Norway	SNA-STZ	Egypt	XTA-XXZ	China
EIA-EZZ	France et Colonies et	LXA-LZZ	Bulgaria	SUA-SUZ	Greece	Y	Great Britain
F	Protectorats	M	Great Britain	SVA-SVZ	Turkey	Z	Great Britain
GAAA-GWBB	Great Britain	N	U. S. of America	TAA-TEZ	Iceland		Great Britain
GWBC-GWJZ	Free State of Ireland	OAA-OBZ	Peru	TFA-TFZ	Greece		
GWKA-MZZZ	Great Britain	OCA-OFZ	Great Britain	TGA-THZ			
		OGA-OIZ	Denmar,				

SUNDAY WITH THE

# CHAIN PROGRAMMES

## NATIONAL BROADCASTING CHAIN

Key Station WEAF

For time see Code.

### MM-Z-ET Sixty Musical Minutes

WEAF, KOA, KSD, KPRC, WBT, WCAE, WCSH, WDAF, WFAA, WGR, WHO, WJAR, WOI, WOC, WRC, WRHM, WSAI, WSB, WSB, WTMJ.

### QQ-Z-ET Artists Recital.

WEAF, KOA, KSD, WHAS, WRC.

### SS-Z-ET Musicals.

WEAF, KOA, WHAS, WRC, WSAI.

### WW-Z-ET Ballad Singers.

WEAF, KOA, WCAE, WGY, WHAS, WRC, WSAI.

### A-Z-ET

Stetson Parade.  
WEAF, KSD, KYW, WCAE, WCSH, WEEI, WFI, WGR, WGY, WHO, WJAR, WSAI, WTAG, WTAM, WTIC, WWJ.

### G-Z-ET

Major Bowes Family.  
WEAF, KOA, KSD, WCAE, WGY, WHAS, WHO, WJAR, WMC, WOW, WRC, WSM, WSB, WTAM, WTIC.

### M-Z-ET

our Government.  
WEAF, KSD, KVOO, WCAE, WCSH, WFAA, WGR, WGY, WHAS, WHO, WJAR, WMC, WOC, WOW, WRC, WSB, WSAI, WSM, WTAG, WTIC.

## N-C-ET

Atwater Kent Hour.  
WEAF, KSD, WCAE, WCCO, WEEI, WGN, WGR, WGY, WOC, WRC, WSAJ, WWJ,

## NATIONAL BROADCASTING CHAIN

Key Station WJZ

## II-Z-ET

Roxy Stroll.  
WJZ, KDKA, KYW, WBZ, WBZA, WEBC, WJR, WRC.

## QQ-Z-ET

Dr. Seakmans Question Hour.  
WJZ, KDKA, KYW, KWK, WBZ, WBZA, WHAM, WLW..

## UU-Z-ET

Twilight Reveries.  
WJZ, KDKA, KYW, WHAM, WJR, WREN.

## C-Z-ET

Whittall Anglo Persians.  
WJZ, KDKA, KOA, KYW, WBAL, WBZA, WHAM, WJR, WLW, WREN.

## J-Z-ET

Colliers Radio Hour.  
WJZ, KDKA, KOA, KWK, KYW, WBAL, WBZ, WBZA, WCCO, WHAM, WJR, WLW, WREN.

## Q-Z-ET

Longines Time  
WJZ, KDKA, KWK, WBAL, WBZ, WBZA, WJR, WREN.

## COLUMBIA CHAIN

Key Station WOR

MM-Z-ET Symphonic Hour.  
WABC, WOR, KMBC, KMOX, KOIL, WADC, WAIU, WCAO, WCAU, WEAN, WFBL, WGHP, WHK, WICC, WJAS, WKRC, WMAF, WMAK, WMAQ, WNAC, WOWO.

## O-Z-ET

Majestics Two Black Crows.  
(Same stations as Symphonic hour).

## Q-Z-ET

De Forest Audions.  
(Same stations as Symphonic Hour).

## S-Z-ET

Come to the Fair.  
(Same stations as Symphonic Hour.)

## K-Z-ET

LaPalona Smoker.  
(Same stations as Symphonic Hour.)

## PACIFIC CHAIN

Key Station KFI

A-Z-PT Sunday Afternoon Concert.  
KFI, KGO, KGW, KOMO.

## G-Z-PT

Biblical Dramas.  
KFI, KGW, KOMO, KHQ.

## O-Z-RT

Standard Symphony Hour.  
KFI, KGO, KGW, KHQ, KOMO, KPO.

## S-Z-PT

Whittall Anglo Persians.  
KFI, KGO, KOMO, KPO.

## AA-Z-PT

Atwater Kent Hour.  
KFI, KGO, KGW, KHG, KOMO, KPO.

## CLEARED CHANNELS

Call Letters	Location	Wave Length	Call Letters	Location	Wave Length
WEAF	New York	454.3	WBT	Charlotte, N. C.	277.6
WJZ	New York	394.5	KFRU	Columbia, Mo.	245.6
WOR	Newark	422.3	WHO	Des Moines, Ia.	299.8
WABC	New York	348.6	WOC	Davenport, Ia.	299.8
WBZ	East Springfield, Mass.	302.8	WPTF	Raleigh, N. C.	440.9
WBZA	Boston, Mass.	302.8	WAPI	Auburn, Ala.	268
WTIC	Hartford, Conn.	282.8	WJAX	Jacksonville, Fla.	238
WBAL	Baltimore, Md.	282.8	WOAI	San Antonio, Texas	252
WPG	Atlantic City	272.6	WMAQ	Chicago, Ill.	447.5
WLWL	New York, N. Y.	272.6	WGN	Chicago	416.4
WLW	Harrison, Ohio	428.3	WBBM	Chicago	389.4
WCX	Detroit, Mich.	399.8	KFAB	Lincoln, Neb.	389.4
WWJ	Detroit, Mich.	325.9	WCCO	St. Paul, Minn.	370.2
KDKA	East Pittsburgh, Pa.	305.9	WENR	Chicago	344.6
WJR	Pontiac, Mich.	305.9	WLS	Chicago	344.6
WWVA	Wheeling, W. Va.	258.5	KYW	Chicago	298.9
WEAR	Cleveland, Ohio	280.2	KMOX	St. Louis, Mo.	275.1
WTAM	Cleveland, Ohio	280.2	KTNT	Muscatine, Iowa	266.3
WRVA	Richmond, Va.	270.1	WOWO	Fort Wayne, Ind.	268.5
WCAU	Philadelphia, Pa.	266.3	WCBZ	Zion, Ill.	277.6
WSM	Nashville, Tenn.	461.3	WMBI	Chicago	277.6
WBS	Atlanta, Ga.	405.2	KFI	Los Angeles, Calif.	468.5
KTHS	Hot Springs, Ark.	374.8	KPO	San Francisco, Calif.	440.9
WBAP	Fort Worth, Texas	374.8	KGO	Oakland, Calif.	379.5
KWKH	Kennonwood, La.	352.7	KOA	Denver, Colo.	361.2
WWL	New Orleans, La.	352.7	KJR	Seattle, Wash.	309.1
WFPA	Dallas, Texas	288.3	KNX	Los Angeles, Calif.	285.5
KRLD	Dallas, Texas	288.3	KSL	Salt Lake City, Utah	265.3
WRRA	Dallas, Texas	288.3	KOB	State College, N. Mex.	254.1
WREN	Lawrence, Kansas	245.6	KEX	Portland, Ore.	254.1

## SHORT WAVE STATIONS

Call Letters	Location	Meters
KDKA	Westinghouse Electric E. Pittsburgh, Pa.	26.3-43-62
UIXAB	Congress Hotel Portland, Me.	64
U2XAD	General Electric Schenectady, N. Y.	50-22
WGY	General Electric Schenectady, N. Y.	33-36
2XAI	Westinghouse Electric Newark, N. J.	43
WAAM	General Electric Schenectady, N. Y.	20-15
WABC	Richmond Hill, N. Y.	22-64
WCFL	Federation of Labor Chicago, Ill.	37
WDJ	Crosley Radio Corporation, Cincinnati, Ohio.	21-26-52
WENY	Radio News Coytesville, N. Y.	31
XDA	Mexico City, Mex.	34

Be up to date at all times by subscribing to this book, by the year, at \$1.00

A new copy each three months

New Wave Lengths, Power and Kilocycles, effective November 11, 1928, are shown in Bold Face Figures after the name.  
 Prior Wave Lengths, Power, Etc. after the Address.

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	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 Elec. E. Pittsburgh, Pa.	50000 50000	305.9 315.6	980 950										ET 1-3-6-P-Y-U-Z-67; 2-P-Y-S-Z; 4-7-Y-AA-Z; 2-4-6. Limited Power	
KDLR	Radio Elec. Devil's Lake, N. D.	100 15	247.9 230.6	1210 1300										CT	
KDYL	Intermountain Brdg. Co. Salt Lake City, Utah	1000 100	232.4 234.2	1290 1280										MT 9-CC-RR-Z; 1-3-5-I-EE-Z-22-1-11-Z; 7-QQ-E-M-U-Z.	
KEJK	Macmillan Petr. Co. Los Angeles, Calif.	500 250	239.9 262.0	1250 1190										PT Divides with KFON; 9-OO-WW-Z; K-MM-Z.	
KELW	E. L. White. Burbank, Calif.	500 500	384.4 228.9	780 1310										PT Divides with KTM; 9-EE-UU-Z; M-EE-Z.	
KEX	Western Brdg. Co. Portland, Ore.	5000 2500	254.1 277.6	1180 1080										PT Divides with KOB; 9-AA-MM-Z-67; 7-UU-EE-Z-67.	
KFAB	Bulck Auto Co. Lincoln, Neb.	5000 5000	389.4 319.0	770 9460										CT Divides with WBBM-WJBT; 9-I-Y-AA-Z-67.	
KFAK	Elec. Equip. Co. Phoenix, Ariz.	500 500	483.6 322.4	620 980										MT	
KFAU	Indp. School Dist. Boise, Idaho	1000 2000	239.9 285.5	1250 1050										MT Divides with KDYL.	
KFBB	F. A. Buttery Co. Havre, Mont.	250 50	220.4 275.1	1360 1090										MT Divides with KGIR.	
KFBK	Kimball-Upson Co. Sacramento, Calif.	100 100	228.9 275.1	1310 1090										PT Daylight. 500 Watts.	
KFBL	Leese Bros. Everett, Wash.	50 50	218.8 223.7	1370 1340										PT Divides with KUJ-KVL.	
KFBU	Bishop N. S. Thomas Laramie, Wyo.	500 500	499.7 483.6	600 620										MT	
KFCB	Nielson Sptg. Gds. Phoenix, Ariz.	100 125	228.9 243.8	1310 1230										MT 250 Watts. Daytime.	
KFCR	S. B. Broadcasting Co. Santa Barbara, Calif.	100 100	199.9 211.1	1500 1420										PT	
KFDM	Magnolia Pet. Co. Beaumont, Texas	500 500	535.4 483.6	560 620										CT	
KFDX	First Baptist Ch. Shreveport, La.	100 250	247.8 236.1	1210 1270										CT Divides with KRMD.	
KFDY	S. D. State College Brookings, S. D.	500 1000	545.1 545.1	550 550										CT Divides with KFJR-KFJM.	
KFEC	Meler & Frank Co. Portland, Ore.	100 50	218.8 214.2	1370 1400										PT Divides with KFJI.	
KFEL	E. P. O'Fallon. Denver, Colo.	250 250	319. 227.1	946 1320										MT Divides with KFXF.	
KFEQ	Scroggin & Co. St. Joseph, Mo.	2500 1000	535.4 230.6	560 1300										CT Divides with WOI. Daylight.	
KFEY	Union High School Kellogg, Idaho	10 10	247.8 232.4	1210 1290										PT	
KFGQ	Boone Bible Col. Boone, Ia.	100 10	228.9 209.7	1310 1430										CT Divides with KWCR-KFJY.	
KFH	Lassen Hotel. Wichita, Kansas	1000 500	230.6 245.8	1300 1220										CT Divides with WIBW; 9-M-FF-Z; G-M-Z 67; 6-AA-Z-II-Y-22; 7-O-Y-S-Z.	
KFHA	West State Col. Gunnison, Colo.	50 50	249.9 249.9	1200 1200										MT	
KFI	Earle C. Anthony Inc. Los Angeles, Calif.	5000 5000	468.5 468.5	640 640										PT 9-OO-II-Z-67 7-II-Y-QQ-Z 6-II-UU-Y. Building 50000 Watt Station.	
KFIF	Benson Polyt. Sch. Portland, Ore.	50 50	211.1 228.9	1420 1310										PT	
KFIO	No. Cen. High Sch. Spokane, Wash.	100 100	243.8 243.8	1230 1220										PT Daylight only.	
KFIZ	Commonwealth Reporter Fond du Lac, Wis.	100 100	211.1 267.7	1420 1120										CT	
KFJB	Marsh Elec. Co. Marshalltown, Ia.	100 100	249.9 247.8	1200 1210										CT Divides with WMT.	
KFJF	Nat. Radio Co. Oklahoma City, Okla.	5000 1000	204.0 272.6	1470 1100										CT 9-Q-Y-KK-Z M-AA-Z22 7-U-EE-Y-M-Z-	
KFJI	Liberty Theatre Astoria, Ore.	50 50	218.8 249.9	1370 1200										PT Divides with KFEL.	
KFJM	U. of N. Dak. Grand Forks, N. D.	500 100	545.1 338.1	550 900										CT Divides with KFDY-KFYR.	
KFJR	A. C. Dixon & Son Portland, Ore.	500 500	230.6 239.9	1300 1250										PT Divides with KTBR.	
KFJY	Tunwall Radio Co. Fort Dodge, Ia.	100 100	228.9 232.4	1310 1290										CT Divides with KFGQ.	
KFJZ	H. C. Allison. Fort Worth, Texas	100 50	218.8 249.9	1370 1200										CT	
KFKA	Col. State Tea. College Greeley, Colo.	500 500	344.6 249.9	880 1200										MT Divides with KPOF.	
KFKB	J. R. Brinkley, M.D. Milford, Kansas	5000 1500	265.3 241.8	1130 1240										CT Limited time.	
KFKU	University of Kansas Lawrence, Kansas	1000 500	245.6 254.1	1220 1180										CT Divides with WREN.	
KFKX	Westinghouse Elec. Co. Chicago, Ill.	5000 2500	293.9 526.0	1020 570										CT	
KFKZ	State Teachers Col. Kirksville, Mo.	50 15	249.9 225.4	1200 1380										CT	
KFLV	Swedish Evan. Mts. Ch. Rockford, Ill.	500 100	212.6 267.7	1410 1120										CT Divides with WHDI-WDGY-WHBL. 1000Watts. Daytime.	
KFLX	G. R. Clough Galveston, Texas	100 100	218.8 270.1	1370 1110										CT	
KFMX	Carleton College. Northfield, Minn.	1000 500	239.9 236.1	1250 1270										CT Divides with WCAL-WRHM-WLB.	
KFNF	Henry Field Seed Co. Shenandoah, Ia.	500 2000	335.3 461.3	390 650										CT Divides with KUSD. Will Use 1000 Watts. Dartime.	
KFOA	Rhodes Dept. Store Seattle, Wash.	1000 1000	236.1 447.5	1270 670										PT Divides with KTW.	
KFON	Nichols-Warinner, Inc. Long Beach, Calif.	1000 1000	239.9 241.8	1250 1240										PT Divides with KEJK.	
KFOR	H. A. Shuman Lincoln, Neb.	100 100	247.3 217.3	1210 1380										CT	

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	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						
KFPL	C. C. Baxter Dublin, Texas	15	228.9	1310										CT	
KFPM	New Furniture Co. Greenville, Texas	15	228.9	1310										CT	
KFPW	Rev. L. W. Stewart Siloam Spgs., Ark.	50	223.7	1340										CT	Daylight only.
KFPY	Symons Investment Co. Spokane, Wash.	500	215.7	1390										PT	Divides with KWSC.
KFQB	W. B. Fishborn, Inc. Fort Worth, Texas	1000	241.8	1240										CT	Divides with WJAD.
KFQU	W. E. Riker Holy City, Calif.	100	211.1	1420										PT	
KFQW	KFQW, Inc. Seattle, Wash.	100	211.1	1420										PT	Limited time.
KFQZ	Taft Radio & Bldg. Co. Hollywood, Calif.	1000	352.7	850										PT	10-Q-Y-QQ-Z A-MM-Z-67 7-EE-Y-EE-Z.
KFRC	Don Lee, Inc. San Francisco, Calif.	1000	491.5	610										CT	Divides with WOS-WGBF 9-K-AA-Z.
KFRU	Stephens College Columbia, Mo.	500	475.9	630										PT	Daytime 1000 Watts.
KFSD	Airfan Radio Corp. San Diego, Calif.	500	499.7	600										PT	Divides with KMIC.
KFSG	Echo Park Evang. Assoc. Los Angeles, Calif.	500	267.7	1120										CT	Divides with KTSA.
KFUL	W. H. Ford Galveston, Texas	500	232.4	1290										MT	
KFUM	Corley Mountain H. W. Colorado Spgs., Colo.	1000	236.1	1270										CT	Divides with KSD.
KFUO	Lutheran Ch. of Mo. Synod St. Louis-Clayton, Mo.	500	545.1	550										MT	Divides with KFJX.
KFUP	Fitzsimons Gen. Hospital Denver, Colo.	100	228.9	1310										PT	
KFUR	Perry Bldg. Co. Ogden, Utah	50	218.8	1370										PT	Limited time.
KFVD	McWhinnie Elec. Co. Culver City, Calif.	250	428.3	700										CT	Divides with WEBQ.
KFVS	Hirsch Battery & Radio Cape Girardeau, Mo.	100	247.8	1210										PT	Divides with KPSN: 9-BB-II-Y: T-II-Y-QQ-Z 0-EE-Z-67.
KFWB	Warner Bros. Picture Inc. Hollywood, Calif.	1000	315.6	950										PT	Divides with KPFC.
KFWC	L. E. Wall S. Bernardino-Ontario, Calif.	100	249.9	1200										CT	Divides with WMAJ.
KFWF	St. Louis Truth Center St. Louis, Mo.	100	249.9	1200										PT	Divides with KFWM.
KFWI	Radio Entertainments San Francisco, Calif.	500	322.4	930										PT	Divides with KFWI.
KFWM	Oakland Educ. Society Oakland, Calif.	500	322.4	930										PT	Divides with KWTC.
KFWO	Major Lawrence Mott Avalon, Calif.	100	199.9	1500										MT	
KFXD	Service Radio Co. Jerome, Idaho	50	211.1	1420										MT	Divides with KFEL.
KFXF	P. P. Broadcasting Co. Denver, Colo.	250	319.0	940										MT	Divides with KFUP.
KFXJ	R. G. Howell Edgewater, Colo.	50	228.9	1310										CT	
KFXR	Ex. Ave. Baptist Ch. Oklahoma City, Okla.	100	228.9	1310										MT	
KFXV	Mary M. Costigan Flagstaff, Ariz.	100	211.1	1420										CT	
KFYO	Kirksey Elec. & Radio Ser. Breckenridge, Texas	100	211.1	1420										CT	Divides with KFDY-KFJM.
KFYR	Hoakins Meyer, Inc. Bismarck, N. Dak.	500	545.1	550										PT	9-P-T-Y-54 EE-Y-MM-Z-67-34: 7-II-Y-KK-Z-28: 7-UU-EE-Z-28-22.
KGA	Northwest Radio Service Spokane, Wash.	5000	204.0	1470										MT	
KGAR	Tucson Chisen Tucson, Ariz.	100	218.8	1370										PT	
KGB	S. W. Bldg. Co. San Diego, Calif.	250	220.4	1360										CT	Divides with KWKC.
KGBX	Foster-Hall Tire Co. St. Joseph, Mo.	100	218.8	1370										CT	Combined with KGBZ.
KGBY	Dunning & Taddiken Shelby-Columbus, Neb.	500	322.4	930										CT	Divides with KMA, Key Station for KGES-KGBY-KGCH-KGEO-KGDW.
KGBZ	Federal Stock Remedy Co. York, Neb.	250	212.6	1410										CT	Divides with KWLC. Daylight only.
KGCA	C. W. Greenley Decorah, Iowa	50	236.1	1270										CT	Divides with KGFG.
KGCB	Wallace Radio Inst. Enid, Okla.	50	218.8	1370										CT	Combined with KGBZ.
KGCH	Farmers Merc. Co. Wayne, Neb.	500	322.4	930										CT	Divides with KGRC.
KGCI	Liberto Radio Sales San Antonio, Texas	100	218.8	1370										CT	
KGCM	Concordia Bldg. Co. Concordia, Kans.	50	211.1	1420										CT	
KGCR	Cutlers Broadcasting Brookings, So. Dak.	100	247.8	1210										MT	
KGCU	Mandan Radio Asso. Mandan, N. D.	100	249.9	1200										MT	
KGCV	First State Bank Vida, Mont.	10	211.1	1420										CT	
KGDA	Home Auto Co. Dell Rapids, S. Dak.	15	218.8	1370										CT	
KGDE	Jaren Drug Co. Barrett, Minn.	50	249.9	1200										PT	Daylight only.
KGDM	E. F. Peffer Stockton, Calif.	50	240.7	1150										MT	
KGDP	Boy Scouts of America Pueblo, Colo.	10	247.8	1210										CT	
KGDR	J. B. McShane San Antonio, Texas	100	199.9	1500										CT	
KGDW	F. J. Rist Humboldt, Neb.	500	322.4	930										CT	Combined with KGBZ.



Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	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						
KGDY	J. A. Loesch Oldham, S. Dak.	15 15	249.9 206.8	1200 1450									CT		
KGEF	Trinity Meth. Church Los Angeles, Calif.	1000 1000	230.6 263.0	1300 1140									PT	Divides with KTBI.	
KGEK	Beehler Elec. Co. Yuma, Colo.	50 50	249.9 263.0	1200 1140									MT	Divides with KGEW.	
KGEN (KXO)	Irey & Bowels El Centro, Calif.	100 100	249.9 225.4	1200 1330									PT	New call KXO.	
KGEO	Yancey Hotel Grand Island, Neb.	500 100	322.4 205.4	930 1460									CT	Combined with KGBZ.	
KGER	C. M. Dobyne Long Beach, Calif.	100 100	218.8 215.7	1370 1390									PT		
KGES	Gen. Radio Elec. Co. Central City, Neb.	500 10	322.4 204.0	930 1470									CT	Combined with KGBZ.	
KGEW	City of Fort Morgan, Colo.	100 100	249.9 218.8	1200 1370									MT	Divides with KGEK.	
KGEZ	Flathead Brdg. Co. Kalispell, Mont.	100 100	228.9 293.9	1310 1020									MT		
KGFF	E. E. Hampshire Alva, Okla.	100 25	211.1 205.4	1420 1460									CT		
KGFG	Full Gospel Church Oklahoma City, Okla.	100 50	218.8 223.7	1370 1340									CT		
KGFH	Frederick Robinson Glendale, Calif.	250 250	299.8 263.0	1000 1140									PT	Limited time.	
KGFI	San Angelo Brdg. Co. San Angelo, Texas	100 15	228.9 220.4	1310 1360									CT		
KGFI	B. S. McGlashan Los Angeles, Calif.	100 100	211.1 212.6	1420 1410									PT		
KGFK	Kittson Enterprise Hallock, Minn.	50 50	249.9 223.7	1200 1340									CT		
KGFL	L. A. Hubbard Raton, N. M.	50 50	218.8 222.1	1370 1350									MT		
KGFW	O. F. Sothman Ravenna, Neb.	50 10	211.1 296.9	1420 1010									CT		
KGFX	Dana McNeill Pierre, S. Dak.	200 200	516.9 254.1	580 1180									CT	Daylight.	
KGGF	Dr. D. L. Connell Picher, Okla.	500 100	296.9 206.8	1010 1450									CT	Divides with WNAD.	
KGGH	Bates Radio & Elec. Cedar Grove, La.	50 50	228.9 212.6	1310 1410									CT	Divides with KRMD.	
KGGM	Jay Peters Albuquerque, N. M.	100 100	218.8 204.1	1370 1470									MT		
KGHA	Sweeney & Walpole Pueblo, Colo.	250 500	249.9 209.7	1200 1430									PT		
KGHD	Elmore-Nash Missoula, Mont.	50 5	211.1 232.4	1420 1290									MT		
KGHF	Ritchie & Finch Pueblo, Colo.	250 250	227.1 209.7	1320 1430									MT		
KGHG	C. W. McCallum McGehee, Ark.	50 50	228.9 222.1	1310 1350									CT		
KGHI	Berean Bible Class Little Rock, Ark.	100 15	199.9 260.7	1500 1150									CT		
KGHL	N. W. Auto Sup. Billings, Mont.	500 250	315.6 222.1	950 1350									MT		
KGHX	Ft. Bend School Bd. Richmond, Texas	50 50	199.9 199.9	1500 1500									CT		
KGJF	First Ch. of Nazarene Little Rock, Ark.	250 250	336.9 277.6	890 1080									CT		
KGKB	Eagle Pub. Co. Goldwaite, Texas	100 50	199.9 280.2	1500 1070									CT		
KGKL	M. L. Gates Georgetown, Texas	100 100	218.8 282.4	1370 1290									CT		
KGKO	Highland Hts. Chr. Church Wichita Falls, Texas	250 250	526.0 218.8	570 1370									CT		
KGO	General Elec. Co. Oakland, Cal.	10000 5000	379.5 384.4	790 780									PT	I-U-AA-Z; 2-8-U-II-Z; 5-6-U-MM-Z; 7-K EE-Z.	
KGRC	E. J. Roth San Antonio, Texas	100 100	218.8 220.4	1370 1860									CT	Divides with KGCI.	
KGRS	Gish Radio Ser. Amarillo, Texas	1000 250	212.6 243.8	1410 1230									CT	Divides with WDAG.	
KGTT	Glad Tidings Temple San Francisco, Calif.	50 50	211.1 220.4	1420 1360									PT	Divides with KFQU.	
KGW	Oregonian Pub. Co. Portland, Ore.	1000 1000	483.6 491.5	620 610									PT	3-5-6-EE-MM; 2-7-Q-II-Z.	
KGY	St. Martins College Lacey, Wash.	50 50	249.9 245.8	1200 1220									PT		
KHJ	Don Lee Inc. Los Angeles, Calif.	1000 1000	333.1 399.8	900 750									PT	11-E-II-Z.	
KHQ	L. Wasmer, Davenport Hotel Spokane, Wash.	1000 1000	508.2 370.2	590 810									PT		
KICK	Red Oak Radio Co. Red Oak-Atlantic, Ia.	100 100	211.1 322.4	1420 930									CT		
KJBS	Julius Brunton & Sons San Francisco, Calif.	100 100	273.6 245.8	1100 1220									PT	Daylight only.	
KJR	Northwest Radio Co. Seattle, Wash.	5000 2500	309.1 348.6	970 860									PT	9-P-Y-MM-Z-67; 7-EE-Y-EE-Z-67.	
KKP	City of Seattle, Wash.	15 15	211.1 272.6	1420 1100									PT	Divides with KVL-KFBL.	
KLCN	Daily Courier News Blytheville, Ark.	50 50	232.4 285.5	1290 1050									CT	Daylight only.	
KLDS	Church of Latter Day Saints Independence, Mo.	2500 1500	315.6 270.1	950 1110									CT	Divides with WHB. 500 Watts at night Temporarily.	
KLRA	Arkansas Broadcasting Co. Little Rock, Ark.	1000 50	215.7 204.0	1390 1470									CT	Divides with KUOA.	
KLS	Warner Bros. Oakland, Calif.	250 250	208.2 245.8	1440 1220									PT		
KLX	Oakland Tribune Oakland, Calif.	500 500	344.6 508.2	880 590									PT		
KLZ	Reynolds Radio Co. Denver-Dupont, Colo.	1000 1000	535.4 552.7	560 850									MT		
KMA	May Seed Co. Shenandoah, Ia.	500 1000	322.4 394.5	930 760									CT	Divides with KGBZ. 1000 Watts daytime.	
KMBC	Midland Broadcasting Co. Kansas City, Mo.	1000 1500	315.6 270.1	950 1110									CT	Divides with WHB. 500 Watts. Night. Temporarily.	

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	Kilo-cycles	Time Heard	Dis tance	Controls			Out-door Ant.	Loop Direc-tion	Ph. or Lbud Spkr.	Sig-nals	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for coe
							1	2	3						
KMED	W. J. Virgin Medford, Ore.	50 50	211.1 270.1	1420 1110										PT	
KMIC	J. R. Fouch Inglewood, Calif.	500 250	267.7 223.7	1120 1840										PT	Divides with KFSG.
KMJ	Fresno Bee Fresno, Calif.	100 50	249.9 365.6	1200 820										PT	
KMMJ	M. M. Johnson Clay Center, Neb.	1000 250	405.2 285.5	740 1050										CT	Limited Time
KMO	KMO, Inc. Tacoma, Wash.	500 500	223.7 254.1	1840 1180										PT	Divides with KVI.
KMOX	Voice of St. Louis St. Louis-Kirkwood, Mo.	5000 5000	275.1 299.8	1096 1000										CT	9-1-Y-V-Z; V-Z-II-Y-22; 7-MM-U-Z-61-48 Consolidated KFQA.
KMTR	KMTR Radio Corp. Hollywood, Calif.	1000 500	526.0 516.9	570 580										PT	Divides with KPLA.
KNRC	Pick. Broadcasting Corp. Santa Monica, Calif.	500 500	384.4 374.8	780 800										PT	Divides with KELW.
KNX	Western Broadcast Co. Hollywood, Calif.	5000 500	285.5 386.9	1050 890										PT	10-Q-MM-Z-67; 6-Q-UU-Z; 7-O-GG-Z.
KOA	General Elec. Co. Denver, Colo.	12500 5000	361.2 325.9	830 920										MT	9-O-AA-Z; 6-U-EE-Z; 7-O-S-Z.
KOAC	Oregon Agricultural College Corvallis, Ore.	1000 500	535.4 270.1	560 1110										PT	
KOB	College of Agri. & Mech. Arts State College, N. Mex.	10000 5000	254.1 394.5	1180 760										MT	Divides with KEX.
KOCW	College of Women Chickasha, Okla.	100 250	211.1 262.0	1420 1190										CT	
KOIL	Mona Motor Oil Co. Council Bluffs, Ia.	1000 5000	238.0 319.0	1260 940										CT	11-I-II-Z-67. 5020 Daytime.
KOIN	KOIN, Inc. Portland-Sylvan, Ore.	1000 1000	319.0 319.0	940 940										PT	1-3-5-7-M-EE-Z; 2-4M-II-Z.
KOMO	Fishers Blend Station Seattle, Wash.	1000 1000	325.9 309.1	920 970										PT	9-14-M-II-Z; 1-7-M-LL-Z-67.
KORE	Eugene Broadcasting Station Eugene, Ore.	100 50	211.1 199.9	1420 1500										PT	
KOW	Associated Industries Denver, Colo.	500 250	215.7 213.8	1390 1870										MT	
KPCB	Pacific Coast Biscuit Co. Seattle, Wash.	100 100	247.8 280.6	1210 1800										PT	Divides with KPQ.
KPJM	Frank Wilburn Prescott, Ariz.	100 15	199.9 214.2	1500 1400										MT	
KPLA	Pacific Develop. Radio Co. Los Angeles, Calif.	1000 500	526.0 288.3	570 1040										PT	Divides with KMTR.
KPO	Hale Bros. San Francisco, Calif.	5000 1000	440.9 422.3	630 710										PT	9-O-GG-Z; 7-K-EE-Z.
KPOF	Pillar of Fire, Inc. Denver, Colo.	500 500	344.6 201.2	880 1490										MT	Divides with KFKA.
KPPC	Presbyterian Church Pasadena, Calif.	50 50	249.9 315.6	1200 950										PT	Divides with KFWC.
KPQ	Taft & Wasmer Seattle, Wash.	100 100	247.8 280.6	1210 1300										PT	Divides with KPCB.
KPRC	Houston Post Dispatch Houston, Texas	1000 500	325.9 293.9	920 1020										CT	1-3-5-M-Q-Z; 2-4-U-AA; 7-S-W-Z.
KPSN	Star News Pasadena, Calif.	1000 1000	315.6 315.6	950 950										PT	Divides with KFVB.
KQV	Doubleday-Hill Elec. Pittsburgh, Pa.	500 500	217.3 270.1	1380 1110										ET	Divides with WCSO.
KQW	First Baptist Church San Jose, Calif.	500 500	296.9 296.9	1010 1010										PT	
KRE	First Congregational Church Berkeley, Calif.	100 100	218.8 230.6	1370 1300										PT	Divides with KZM.
KRGV	Harlingen Music Co. Harlingen, Texas	500 100	238.0 286.1	1260 1270										CT	Divides with KWWG.
KRLD	KRLD, Inc. Dallas, Texas	10000 500	288.3 461.8	1040 650										CT	Divides with WFAA; 10-A-EEZ; 7-A-CC-Z.
KRMD	R. M. Dean Shreveport, La.	50 50	228.9 249.9	1310 1200										CT	Divides with KGGH.
KRSC	Radio Sales Co. Seattle, Wash.	50 50	267.7 272.6	1120 1100										PT	Daylight only.
KSAC	State Agricultural College Manhattan, Kans.	500 500	516.9 333.1	580 900										CT	Divides with WSUI. Daytime 1800watt.
KSBA	W. G. Patterson Shreveport, La.	1000 1000	206.8 267.7	1450 1120										CT	
KSCJ	Perkin Bros. Co. Sioux City, Ia.	1000 500	225.4 243.8	1330 1230										CT	Divides with WTAQ. Daytime 1500watts.
KSD	Pulitzer Publishing Co. St. Louis, Mo.	500 500	545.1 545.1	550 550										CT	Divides with KFVO; 10-G-AA-Z; 7-MM-R-Z.
KSEI	KSEI Broadcasting Association Pocatello, Idaho	250 250	323.1 333.1	900 900										MT	
KSL	Radio Service Corp. Salt Lake City, Utah	5000 1000	265.3 302.8	1130 990										MT	
KSMR	Santa Maria Valley R. R. Santa Maria, Calif.	100 100	249.9 272.6	1200 1100										PT	
KSO	Berry Seed Co. Clarinda, Iowa	1000 500	217.3 227.1	1380 1820										CT	Divides with WKBH.
KSOO	Sioux Falls Broadcasting Co. Sioux Falls, S. Dak.	1000 250	270.1 209.7	1110 1430										CT	Daylight only.
KSTP	National Battery Co. St. Paul-Wescott, Minn.	10000 5000	205.4 220.4	1460 1360										CT	
KTAB	Associated Broadcasters Oakland, Calif.	500 500	234.2 280.2	1280 1070										PT	
KTAP	Alamo Bldg. Co. R. Bridge San Antonio, Texas	100 20	211.1 223.9	1420 1810										T	
KTBI	Bible Institute of Los Angeles, Calif.	1000 1000	230.6 275.1	1300 1090										PT	Divides with KGEF.
KTBR	M. E. Brown Portland, Ore.	500 500	230.6 228.9	1300 1310										PT	Divides with KFJR.
KTHS	Arlington Hotel Hot Springs, Ark.	5000 1000	374.8 499.7	800 600										CT	Divides with WBAP; 9-S-II-Z-67.
KTNT	Norman Baker Muscatine, Ia.	5000 2000	256.3 256.3	1170 1170										CT	Divides with WOWO-WCBO-WMBI.
KTSA	Alamo Broadcasting Co. San Antonio, Texas	1000 2000	232.4 265.3	1290 1130										CT	Divides with KFVL.
KTUE	Uhalt Electric Co. Houston, Texas	5 5	211.1 212.6	1420 1410										CT	

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	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						
KTW	First Presbyterian Church of Seattle, Wash.	1000 1000	236.1 394.5	1270 760										PT	Divides with KFOA.
KUJ	F. W. Lovejoy Longview, Wash.	10 10	199.9 199.9	1500 1500										PT	
KUOA	University of Arkansas Fayetteville, Ark.	1000 1000	215.7 296.9	1390 1010										CT	Divides with KLRA.
KUOM	University of Montana Missoula, Mont.	500 500	526.0 461.3	570 650										MT	Divides with KXA at night.
KUSD	University of South Dakota Vermillion, S. Dak.	500 250	336.9 483.6	890 620										CT	Divides with WILL-KFNF.
KUT	University of Texas Austin, Texas	500 500	267.7 232.4	1120 1290										CT	Divides with WTAW.
KVI	Puget Sound Broadcasting Co. Tacoma, Wash.	1000 250	223.7 282.8	1340 1060										PT	Divides with KMO.
KVL	A. C. Daily Seattle, Wash.	100 100	218.8 272.6	1370 1100										PT	Divides with KKP.
KVOO	Southwestern Sales Co. Tulsa-Bristow, Okla.	5000 1000	263.0 348.6	1140 860										CT	Divides with WAPI.
KVOS	L. Kessler Bellingham, Wash.	100 250	249.9 209.7	1200 1430										PT	
KWBS	Schaeffer Radio Co. Portland, Ore.	15 15	199.9 199.9	1500 1500										PT	
KWCR	Cedar Rapids Broadcasting Co. Cedar Rapids, Ia.	100 100	228.9 239.9	1310 1250										CT	Divides with KFJY-KFGQ.
KWEA	Wm. E. Anthony Shreveport, La.	100 250	247.8 212.5	1210 1410										CT	Divides with KFDX.
KWGG	Wireless Tel. Co. Stockton, Calif.	100 100	249.9 344.6	1200 870										PT	
KWJJ	Wilbur Jerman Portland, Ore.	500 50	282.8 249.9	1060 1200										PT	Limited time.
KWK	Greater St. Louis Broadcasting Co. St. Louis, Mo.	1000 1000	222.1 234.2	1350 1280										CT	Divides with WIL; 9-E-M-Z.
KWKC	Wilson Duncan Studios Kansas City, Mo.	100 100	218.8 222.1	1370 1350										CT	Divides with KGBX.
KWKH	W. K. Henderson Iron Wks. Shreveport-Kennowood, La.	5000 3500	352.7 394.5	850 760										CT	Divides with WWL; 14-O-EE-Z. Building 20000 watt station.
KWLC	Luther College Decorah, Iowa	50 50	236.1 247.8	1270 1210										CT	Divides with KGCA. Daylight only.
KWSC	State College of Washington Pullman, Wash.	500 500	215.7 394.5	1390 760										PT	Divides with KFPY
KWTC	Pacific Broadcasting Fed. Santa Ana, Calif.	100 100	199.9 272.6	1500 1100										PT	Divides with KFWO.
KWWG	Chamber of Commerce Brownsville, Texas	500 500	238.0 277.6	1260 1080										CT	Divides with KRGV.
KXA	American Radio Tel. Co. Seattle, Wash.	500 500	526.0 635.4	570 560										PT	Divides with KUOM night.
KXL	KXL Broadcasters Portland, Ore.	500 250	239.9 220.4	1360 1360										PT	Divides with KIDO night.
KXRO	KXRO, Inc. Aberdeen, Wash.	75 50	211.1 223.7	1420 1340										PT	
KYA	Pacific Broadcasting Co. San Francisco, Calif.	1000 1000	243.8 361.2	1230 850										PT	9-K-II-Z; 7-S-W-Z.
KYW	Westinghouse Elec. Co. Chicago, Ill.	5000 2500	293.9 526.0	1020 570										CT	
KZM	L. P. Tenney Oakland-Hayward, Calif.	100 100	218.8 230.6	1370 1300										PT	Divides with KRE.
NAA	United States Navy Arlington, Va.	1000 1000	435.4 434.5	690 690										ET	
PWX	Havana Tel. Co. Havana, Cuba	500 500	400.0 490.0	750 71											Cuban Time
WAAD	Ohio Mech. Inst. Cincinnati, Ohio	25 25	211.1 230.6	1420 1300										ET	Divides with WSRO.
WAAF	Daily Drivers Journal Chicago, Ill.	500 500	325.9 389.1	920 770										CT	Daylight only.
WAAM	WAAM, Inc. Newark, N. J.	500 250	239.9 267.7	1250 1120										ET	Divides with WGCP-WODA.
WAAT	Bremer Broadcasting Co. Jersey City, N. J.	300 300	260.2 245.6	1070 1220										ET	Daylight only.
WAAW	Omaha Grain Exchange Omaha, Neb.	500 500	454.3 440.9	660 680										CT	Daylight only.
WABC	Atlantic Broadcasting Co. New York, N. Y.	5000 1500	348.6 309.1	860 970										ET	8-QQ-CC-Z. Consolidated WBOQ.
WABF	Markle Broadcasting Co. Kingston, Pa.	250 250	208.2 205.4	1440 1460										ET	Divides with WRAX.
WABI	First Universalist Church Bangor, Me.	100 100	249.9 389.4	1200 770										ET	
WABY	John Magaldi, Jr. Philadelphia, Pa.	50 50	228.9 247.8	1310 1210										ET	Divides with WFKD-WNAT.
WABZ	Colls Pt. Baptist Church New Orleans, La.	100 50	249.9 238.0	1200 1260										CT	Divides with WJBW.
WADC	A. T. Simmons Akron, Ohio	1000 1000	227.1 238.0	1320 1260										ET	
WAFD	A. B. Parfet Co. Detroit, Mich.	100 100	199.9 230.6	1500 1300										ET	Divides with WBMH.
WAGM	R. L. Miller Royal Oak, Mich.	50 50	228.9 225.4	1310 1330										ET	Divides with WBMH.
WAIU	American Insurance Union Columbus, Ohio	5000 5000	468.5 282.8	640 1060										ET	Limited time
WALK	A. A. Walker Willow Grove, Pa.	50 50	199.9 201.1	1500 1490										ET	Divides with WHBW-WOO-WPSW
WAPI	Polytechnic Institute Auburn, Ala.	5000 1000	263.0 340.7	1140 880										CT	Divides with KBOO.
WASH	Baxter Laundry Grand Rapids, Mich.	250 250	236.1 256.3	1270 1170										CT	Divides with WOOD.
WBAA	Purdue University W. Lafayette, Ind.	500 500	214.2 272.6	1400 1100										CT	Divides with WCMA-WKBF.
WBAK	Pennsylvania State Police Harrisburg, Pa.	500 500	267.7 299.8	1120 1000										ET	Daylight only.
WBAL	Gas Elec. & Power Co. Baltimore-Glen Morris, Md.	5000 5000	282.8 285.5	1060 1050										ET	Divides with WTIC.
WBAO	Jas. Millikin University Decatur, Ill.	100 100	267.7 267.7	1120 1120										CT	Daylight only.
WBAP	Star Telegram Ft. Worth, Texas	5000 5000	374.8 499.7	800 600										CT	Divides with KTHS; 1-3-5-6-7-E-EE-Z; 2-3 E-Q-Z.

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	Kilo-cycles	Time Heard	Distance	Controls			Outdoor Ant.	Loop Direction	Ph. or Loud Spkr.	Signals	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for code)
							1	2	3						
WBAW	Waldrum Drug Co. Nashville, Tenn.	5000 5000	201.2 239.9	1490 1250									CT	Divides with WLAC.	
WBAX	J. H. Stenger, Jr. Wilkes-Barre, Pa.	100 100	247.8 249.9	1210 1200									ET	Divides with WJBU.	
WBBC	Brooklyn Broadcasting Asso. Brooklyn, N. Y.	250 500	214.2 227.1	1400 1320									ET	Divides with WCGU-WSGH-WLTH-WSDA.	
WBBL	Grace Conv. Pres. Church Richmond, Va.	100 100	218.8 234.2	1370 1280									ET		
WBBM	Atlas Investment Co. Chicago-Glenview, Ill.	25000 5000	389.4 389.4	770 770									CT	Divides with KFAB. Consolidated with WJBT.	
WBBR	People's Pulpit Association Rooseville, N. Y.	1000 1000	230.6 266.3	1300 1170									ET	Divides with WHAP-WEVD-WHAZ.	
WBBW	Ruffner Junior High School Norfolk, Va.	100 100	249.9 236.1	1200 1270									ET		
WBBY	Washington Light Infantry Charleston, S. C.	75 275	249.9 249.9	1200 1200									ET		
WBBZ	C. L. Carroll Ponca City, Okla.	100 100	249.9 249.9	1200 1200									CT		
WBET	Boston Transcript Medford, Mass.	500 500	220.4 288.8	1360 1040									ET	Divides with WMAF.	
WBIS	Sheppard Stores Boston, Mass.	500 500	243.8 461.3	1230 630									ET	Consolidated with WNAC.	
WBMH	Braun's Music House Detroit, Mich.	100 100	228.9 211.1	1310 1420									ET	Divides with WAGM.	
WBMS	WBMS Broadcasting Co. Union City, N. J.	250 100	206.8 199.9	1450 1500									ET	Divides with WNJ-WIBS-WKBO.	
WBNY	Baruchrome, Inc. New York, N. Y.	250 500	222.1 236.1	1350 760									ET	Divides with WMSG-WCDA-WKBQ.	
WBOQ	Atlantic Broadcasting Association New York-Richmond, N. Y.	5000 250	348.6 254.1	860 1180									ET	Consolidated with WABC.	
WBOW	Banks of Wabash Bldg. Asso. Terre-Haute, Ind.	100 100	228.9 208.2	1310 1440									CT		
WBRC	Birmingham Broadcasting Co. Birmingham, Ala.	500 250	322.4 302.8	930 990									CT		
WBRE	L. G. Baltimore Wilkes-Barre, Pa.	100 100	228.9 249.9	1310 1200									ET		
WBRL	Booth Radio Labs. Tilton, N. H.	500 500	209.7 232.4	1430 1290									ET		
WBSO	Babson's Statistical Organization Wellesley Hills, Mass.	100 100	384.4 384.4	780 780									ET	Daylight only.	
WBT	C. C. Coddington Charlotte, N. C.	10000 1000	277.6 258.5	1080 1160									ET	Divides with WPTF; 9-A-CC-Z.	
WBZ	Westinghouse Elec. Springfield, Mass.	15000 15000	302.8 388.1	990 900									ET	Divides with WBZA; 8-A-W-Z.	
WBZA	Westinghouse Elec. Boston, Mass.	500 500	302.8 333.1	990 900									ET	Divides with WBZ.	
WCAC	Connecticut Agricultural College Storrs, Conn.	500 500	225.4 535.4	1330 560									ET	Divides with WDRC.	
WCAD	St. Lawrence University Canton, N. Y.	500 500	245.6 245.8	1220 1220									ET	Daylight only.	
WCAE	Kaufmann & Baer Co. Pittsburgh, Pa.	500 500	245.6 461.3	1220 650									ET	9-A-Q-Z.	
WCAH	Commercial Radio Ser. Columbus, Ohio.	250 250	209.7 234.2	1430 1230									ET	Divides with WBMS.	
WCAJ	Nebraska Wesleyan University Lincoln, Neb.	500 500	508.2 379.5	590 790									CT	Divides with WOW.	
WCAL	St. Olaf College Northfield, Minn.	1000 500	239.9 285.5	1250 1050									CT	Divides with KFMX-WRHM-WLB.	
WCAM	City of Camden, N. J.	500 500	234.2 223.7	1280 1340									ET	Divides with WOAX-WCAP.	
WCAO	Monumental Radio Inc. Baltimore, Md.	250 250	499.7 243.8	600 1230									ET		
WCAP	Ind. Broadcasting Co. Asbury Park, N. J.	500 500	234.2 239.9	1280 1250									ET	Divides with WCAM-WOAX.	
WCAT	South Dakota School of Mines Rapid City, S. Dak.	100 100	249.9 247.8	1200 1210									MT		
WCAU	Universal Broadcasting Co. Philadelphia-Byberry, Pa.	5000 1000	256.3 260.7	1170 1150									ET		
WCAV	University of Vermont Burlington, Vt.	100 100	249.9 254.1	1200 1180									ET	Divides with WNBX.	
WCAZ	Carthage College Carthage, Ill.	100 50	280.2 249.9	1070 1200									CT	Daylight only.	
WCBA	B. B. Musselman Allentown, Pa.	100 100	199.9 222.1	1500 1350									ET	Divides with WSAN.	
WCBD	Wilbur G. Voliva Zion, Ill.	5000 5000	277.6 344.6	1180 870									CT	Divides with WMBI; 2-4-7 M-W-Z.	
WCBM	Hotel Chateau Baltimore, Md.	100 100	218.8 225.4	1370 1330									ET		
WCBS	Dewing & Meester Springfield, Ill.	100 100	247.8 209.7	1210 1430									CT	Divides with WTAX.	
WCCO	Washburn-Crosby Co. Minneapolis-St. Paul, Minn.	10000 5000	370.2 405.2	810 740									CT	1-2-3-4-6-E-AA-Z; 5-I-AA-Z; 7-J-V-Z.	
WCDA	Italian Educ. Bldg. New York-Cliffside, N. J.	250 250	222.1 212.6	1350 1410									ET	Divides with WBNY-WMSG-WKBQ.	
WCFL	Federation of Labor Chicago, Ill.	1000 1500	309.1 483.6	970 620									CT	Building 50000 watt station.	
WCGU	U. S. Broadcasting Co. Brooklyn, N. Y.	500 500	214.2 218.8	1400 1370									ET	Divides with WSDA-WLTH-WBBC.	
WCLB	Arthur Flaska Long Beach, N. Y.	100 250	199.9 204.0	1500 1470									ET	Divides with WMBQ-WLBX-WWRL.	
WCLO	C. E. Whitmore Kenosha, Wis.	100 100	249.9 228.9	1200 1310									CT		
WCLS	WCLS, Inc. Joliet, Ill.	100 150	228.9 215.7	1310 1390									CT	Divides with WEHS-WKBB-WKBI-WHFC	
WCMA	Culver Military Academy Culver, Ind.	500 500	214.2 260.7	1400 1150									CT	Divides with WBAA-WKBF.	
WCOA	City of Pensacola, Fla.	500 500	267.7 249.9	1120 1200									CT		
WCOC	Crystal Oil Co. Columbus, Miss.	500 500	340.7 230.6	880 1300									CT		
WCOH	Westchester Broadcasting Co. Greenville, N. Y.	100 50	247.8 211.1	1210 1210									ET	Divides with WJBI-WGBB-WINR.	
WCRW	G. R. White Chicago, Ill.	100 100	247.8 228.7	1210 1340									CT	Divides with WEDC-WSBC.	

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	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						
WCSH	H. P. Rines Portland, Me.	500 500	319.0 214.2	940 1400										ET	
WCSO	Wittenberg College Springfield, Ohio	500 500	217.3 256.3	1380 1170										ET	Divides with KQV.
WCWK	C. W. Keen Fort Wayne, Ind.	500 100	243.8 214.2	1230 1400										CT	Divides with WFBS-WSBT
WCX	Free Press Detroit-Pontiac, Mich.	5000 5000	399.8 440.9	750 680										ET	Divides with WJR, Inc.
WDAE	Tampa Daily Times Tampa, Fla.	1000 500	483.6 267.7	620 1120										ET	Divides with WDBO.
WDAF	Kansas City Star Kansas City, Mo.	1000 1000	491.5 370.2	610 810										CT	Divides with WOQ-9-M-O-Y-30; EE-JJ-22(21-44; C-U-Z-22; 7-GG-JJ-Z-22; WW-U-Z-22.
WDAG	J. L. Martin Amarillo, Texas	1000 250	212.6 263.0	1410 1140										CT	Divides with KGRS. (9-DD-Z-II-Y-22.
WDAH	Trinity Methodist Church El Paso, Texas	100 100	228.9 234.2	1310 1280										MT	
WDAY	WDAY, Inc. Fargo, N. Dak.	1000 250	234.2 545.1	1280 550										CT	Divides with WEBC.
WDBJ	Richardson-Wayland Roanoke, Va.	250 250	322.4 230.6	930 1300										ET	Daytime 500 watts.
WDBO	Rollins College Orlando, Fla.	1000 500	483.6 288.8	620 1040										ET	Divides with WDAE.
WDEL	WDEL, Inc. Wilmington, Del.	500 250	212.6 296.9	1410 1010										ET	
WDGY	G. W. Young Minneapolis, Minn.	500 500	212.6 285.5	1410 1050										CT	Divides with WHDI-KFLV-WHBL. 1000 watts. Daytime.
WDOD	Chattanooga Radio Co. Chattanooga, Tenn.	1000 500	234.2 243.8	1280 1230										CT	2500 watts. Daytime
WDRC	Doolittle Radio Co. New Haven, Conn.	500 500	225.4 282.8	1330 1060										ET	Divides with WCAC.
WDSU	J. H. Uhalt New Orleans, La.	1000 250	236.1 227.1	1270 1320										CT	
WDZ	J. L. Bush Tuscola, Ill.	100 100	280.2 277.6	1070 1080										CT	Daylight only. Limited time.
WEAF	National Broadcasting Co. New York-Bellmore, N. Y.	50000 50000	454.3 491.5	660 610										ET	9-A-AA-Z; 7-MM-V-Z-67.
WEAN	Shepard Co. Providence, R. I.	250 500	258.5 275.1	1160 1090										ET	Daylight only.
WEAO	Ohio State University Columbus, Ohio	750 750	545.1 282.8	550 1060										ET	Divides with WKRC. Limited time.
WEAR	WEAR & WTAM, Inc. Cleveland, Ohio	1000 250	280.2 241.8	1070 1240										ET	Divides with WTAM.
WEBC	Head of the Lakes Brgd. Co. Superior, Wis.	1000 250	234.2 241.8	1280 1240										CT	Divides with WDAY.
WEBE	Roy W. Waller Cambridge, Ohio	100 10	247.8 249.9	1210 1200										ET	
WEBH	Westinghouse Electric Co. Chicago, Ill.	5000 500	299.8 365.6	1000 820										CT	
WEBQ	Tate Radio Co. Harrisburg, Ill.	50 15	247.8 223.7	1210 1340										CT	Divides with KFVS.
WEBR	H. H. Howell Buffalo, N. Y.	100 200	228.7 241.8	1310 1240										ET	
WEBW	Beloit College Beloit, Wis.	350 500	499.5 258.8	600 1160										CT	Daylight only.
WEDC	E. Denmark Broadcasting Station Chicago, Ill.	100 100	247.8 241.8	1210 1240										CT	Divides with WCRW-WSBC.
WEDH	Erie Post Dispatch Erie, Pa.	30 30	211.2 208.2	1420 1440										ET	
WEEI	Edison Electric Co. Boston, Mass.	500 500	508.2 508.9	590 590										ET	
WEHS	V. C. Carlson Evanston, Ill.	100 100	228.7 215.9	1310 1890										CT	Divides with WCLS-WKBB-WKBI-WHFC.
WEMC	Emmanuel Miss. College Berrien Springs, Mich.	1000 1000	508.2 483.6	590 620										CT	Daylight only.
WENR	Great Lakes Broadcasting Co. Chicago, Ill.	5000 5000	344.6 288.9	870 1040										CT	Consolidated with WLS.
WEPS	Matheson Radio Co. Gloucester, Mass.	100 100	249. 2969	1200 1010										ET	Divides with WKBE.
WEVD	Debs Memorial Fund New York-Woodhaven, N. Y.	500 500	230.6 245.8	1300 1220										ET	Divides with WEBR-WHAP-WHAZ.
WEW	St. Louis University St. Louis, Mo.	1000 1000	394.5 352.7	760 850										CT	Daylight only.
WFAA	Dallas News-Sears-Roebeck Dallas, Texas	5000 500	288.3 545.1	1040 550										CT	Divides with KRLD-9-E-U-Z 67.
WFAN	Keystone Broadcasting Co. Philadelphia, Pa.	500 500	491.5 223.7	610 1340										ET	Divides with WIP. Billing 50000 watt station
WFBC	First Baptist Church Knoxville, Tenn.	50 50	249.9 234.2	1200 1280										CT	
WFBE	Park View Hotel Cincinnati, Ohio	100 250	249.9 245.8	1200 1220										ET	
WFBG	Wm. F. Gable Co. Altoona, Pa.	100 100	228.9 267.7	1310 1120										ET	Divides with WHBP.
WFBJ	St. John's University Collegeville, Minn.	100 100	218.8 272.6	1370 1100										CT	
WFBL	The Onondage Co. Syracuse, N. Y.	750 500	333.1 293.9	900 1020										ET	Divides with WMAK.
WFBM	Ind. Power & Light Co. Indianapolis, Ind.	25000 1000	285.5 276.1	1050 1090										CT	Divides with -WSBTK CWK.
WFBR	Baltimore Radio Show, Inc. Baltimore, Md.	250 250	267.7 243.8	1120 1230										ET	
WFCL	Frank Crook, Inc. Pawtucket, R. I.	100 100	247.8 241.8	1210 1240										ET	Divides with WDFW-WLSI.
WFDL	F. D. Fallain Flint, Mich.	100 100	228.9 272.6	1310 1100										ET	
WFI	Strawbridge & Clothier Philadelphia, Pa.	500 500	535.4 405.2	560 740										ET	Divides with WLIT.
WFIW	Acme Mills, Inc. Hopkinsville, Ky.	1000 1000	319.0 260.7	940 1150										CT	
WFJC	W. F. Jones Broadcasting, Inc. Akron, Ohio	500 500	206.8 227.1	1450 1320										ET	Divides with WJAY.
WFKD	Foulkrod Radio Eng. Co. Frankford, Pa.	50 50	228.9 247.8	1310 1210										ET	Divides with WABY-WNAT.
WFLA	Chamber of Commerce Clearwater, Fla.	1000 750	333.1 516.9	900 580										ET	Consolidated with WSUN.



Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	Kilo-cycles	Time Heard	Distance	Controls			Out-door Ant.	Loop Direction	Ph. or Loud Spkr.	Signal	Kind of Time	BROADCASTING SCHEDULE (See inside front cover for code)
							1	2	3						
WIL	WIL Broadcasting Co. St. Louis, Mo.	1000 250	222.1 258.5	1350 1160										CT	Divides with KWK.
WIOD	Ile of Dreams Broadcasting Miami Beach, Fla.	1000 1000	241.8 247.8	1240 1210										ET	Divides with WQAM.
WIP	Gimble Bros. Philadelphia, Pa.	500 500	491.5 348.6	610 860										ET	Divides with WFAN.
WINR	Radiotel-Carleton Bay Shore, N. Y.	100 150	247.8 211.1	1210 1420										ET	Divides with WJBI-WGBB-WCOH.
WISN	Wisconsin News Milwaukee, Wis.	250 250	267.7 270.1	1120 1110										CT	Divides with WHAD.
WJAD	F. P. Jackson Waco, Texas	1000 500	241.8 333.1	1240 900										CT	Divides with KFQB.
WJAG	Norfolk News Norfolk, Neb.	1000 250	282.8 285.5	1060 1050										CT	
WJAK	J. A. Kautz-Tribune Kokomo, Ind.	50 50	228.9 234.2	1310 1280										CT	Divides with WLBC.
WJAM (WMT)	Waterloo Broadcasting Waterloo, Ia.	100 250	249.9 239.9	1200 1250										CT	Divides with KFJB. Daytime. 250 watts.
WJAR	The Outlet Co. Providence, R. I.	250 500	336.9 483.6	890 620										ET	
WJAS	Pitts Radio Sup. Co. Pittsburgh, Pa.	1000 500	232.4 270.1	1290 1110										ET	
WJAX	City of Jacksonville, Fla.	1000 1000	238. 340.7	1260 880										ET	
WJAY	Cleveland Broadcasting Co. Cleveland, Ohio	500 500	206.8 227.1	1450 1320										ET	Divides with WFJ.
WJAZ	Zenith Radio Co. Chicago-Mt. Prospect, Ill.	5000 5000	202.6 263.0	1480 1140										CT	Divides with WHT-WORD.
WJBB	Financial Journal St. Petersburg-Sarasota	250 100	296.9 288.0	1010 1260										ET	
WJBC	Hummer Fur Co. La Salle, Ill.	100 100	249.9 227.1	1200 1320										CT	Divides with WJBL.
WJBI	R. S. Johnson Red Bank, N. J.	100 250	247.8 263.0	1210 1140										ET	Divides with WGBB-WINR-WCOH.
WJBK	E. F. Goodwin Ypsilanti, Mich.	50 15	218.8 220.4	1370 1360										CT	Divides with WIBM.
WJBL	Wm. Gushard Dry Goods Co. Decatur, Ill.	100 250	249.9 212.6	1200 1410										CT	Divides with WJBC.
WJBO	Valdemar Jensen New Orleans, La.	100 100	218.8 263.0	1370 1140										CT	
WJBT	J. S. Boyd Chicago, Ill.	2500 500	389.4 319.4	770 940										CT	Consolidated with WBBM. Divides with KFAB.
WJBU	Bucknell University Lewisburg, Pa.	100 100	247.8 214.2	1210 1400										ET	Divides with WBAX.
WJBW	C. Carlson, Jr. New Orleans, La.	30 30	249.9 238.0	1200 1260										CT	Divides with WABZ.
WJBY	Elec. Const. Co. Gadsden, Ala.	50 50	247.8 234.2	1210 1280										CT	
WJJD	Loyal Order Moose Mooseheart, Ill.	2000 1000	254.1 365.6	1180 820										CT	
WJKS	Johnson-Kennedy Co. Gary, Ind.	500 500	220.5 232.4	1360 1290										CT	Divides with WGES. Daylight. 1250 watts.
WJR	WJR, Inc.-Detroit Free Press Detroit-Pontiac, Mich.	5000 5000	399.8 440.9	750 680										ET	Divides with WCX. Limited power.
WJZ	National Broadcasting Co. New York-Bound Brook, N. Y.	30000 30000	394.5 454.3	760 660										ET	9-A-AA-Z; 7-II-T-Z.
WKAR	Michigan State College E. Lansing, Mich.	500 500	288.3 277.6	1040 1080										CT	Daylight only.
WKAU	Laconia Radio Club Laconia, N. H.	100 50	228.9 223.7	1310 1340										ET	
WKBB	Sanders Bros. Joliet, Ill.	100 150	228.9 215.7	1310 1390										CT	Divides with WEHS-WCLS-WKBI-WHFC.
WKBC	H. L. Ansley Birmingham, Ala.	10 10	228.9 218.8	1310 1370										CT	
WKBE	K. & B. Elec. Co. Webster, Mass.	100 100	249.9 228.9	1200 1310										ET	Divides with WEPS.
WKBF	N. B. Watson Indianapolis, Ind.	500 250	214.2 252.0	1400 1190										CT	Divides with WBAA-WCMA.
WKBH	Callaway Music Co. La Crosse, Wis.	1000 500	217.3 230.6	1380 1300										CT	Divides with KSO.
WKBI	F. L. Schoenwolf Chicago, Ill.	50 50	228.9 215.7	1310 1390										CT	Divides with WEHS-WCLS-WKBB-WHFC.
WKBN	W. P. Williamson, Jr. Youngstown, Ohio	500 50	526. 214.2	570 1400										ET	Divides with WSMK.
WKBO	Camth Corp. Jersey City, N. J.	250 250	206.8 218.8	1450 1370										ET	Divides with WBMS-WNJ-WIBS.
WKBP	Enquirer & News Battle Creek, Mich.	50 50	211.1 212.6	1420 1410										ET	
WKBQ	Standard Cahill Co. New York, N. Y.	250 250	222.1 218.8	1350 1370										ET	Divides with WBNY-WMSG-WCDA.
WKBS	P. N. Nelson Galesburg, Ill.	100 100	228.9 217.3	1310 1390										CT	Divides with WLBO.
WKBT	First Baptist Church New Orleans, La.	50 50	211.1 252.0	1420 1190										CT	
WKBV	Knox Battery & Elec. Co. Brookville, Ind.	100 100	199.9 218.8	1500 1370										CT	
WKBW	Churchill Eveng. Association Buffalo-Amherst, N. Y.	5000 5000	204.0 217.3	1470 1380										ET	
WKBZ	Karl L. Ashbacher Ludington, Mich.	50 15	199.9 199.9	1500 1500										ET	
WKEN	WKEN, Inc. Buffalo-Kenmore, N. Y.	1000 250	288.3 204.0	1040 1470										ET	Limited time.
WKJC	Kirk Johnson Co. Lancaster, Pa.	50 50	249.9 252.0	1200 1190										ET	Divides with WPRC.
WKRC	Kodol Radio Corp. Cincinnati, Ohio	500 500	545.1 245.8	550 1220										CT	Divids with WEAD.
WKY	Daily Oklahoman-Times Oklahoma City, Okla.	1000 150	333.1 288.3	900 1040										CT	
WLAC	Life & Casualty Insurance Co. Nashville, Tenn.	5000 1999	201.2 225.4	1490 1330										CT	Divides with WBAW.
WLAP	American Broadcasting Corp. Louisville-Okalona, Ky.	30 40	249.9 267.7	1200 1120										CT	
WLBC	D. A. Burton Muncie, Ind.	50 50	228.9 209.7	1310 1430										CT	Divides with WJAK.





Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	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						
WNBO	J. B. Spriggs Washington, Pa.	15	249.9	1200										ET	
WNBQ	G. P. Brown Rochester, N. Y.	15	199.9	1500										ET	
WNBR	Popular Radio Shop Memphis, Tenn.	500	209.7	1430										CT	Divides with WGBC.
WNBW	Home Cut Glass Co. Carbondale, Pa.	5	249.9	1200										ET	
WNBX	First Congregational Church Springfield, Vt.	10	249.9	1200										ET	Divides with WCAX.
WNBZ	Smith & Mace Saranac Lake, N. Y.	10	232.4	1290										ET	Daylight only.
WNEW	Virginia Broadcasting Co. Newport, Va.	100	208.9	1310										ET	
WNJ	Radio Investment Co. Newark, N. J.	250	206.8	1450										ET	Divides with WBMS--WIBS-WKBO.
WNOX	Sterchi Bros. Knoxville, Tenn.	1000	535.4	560										CT	
WNRC	Wayne M. Nelson Greensboro, N. C.	500	208.2	1440										ET	
WNYC	Dept. of Plants New York, N. Y.	500	526.0	570										CT	2-3-4-5-Q-U-Z; 7-K-O-Z.
WOAI	Southern Equipment Co. San Antonio, Texas	5000	252.0	1190										CT	Divides with WREC.
WOAN	Church of Nazarene Lawrenceburg, Tenn.	500	499.7	600										ET	Divides with WCAM-WCAP.
WOAX	F. J. Wolff Trenton, N. J.	500	234.2	1280										CT	
WOBT	Titworth's Radio Co. Union City, Tenn.	15	228.9	1310										CT	
WOBV	Charleston Broadcasting Co. Charleston, W. Va.	250	516.9	580										ET	Divides with WSAZ.
WOC	Palmer School of Chiro. Davenport Ia.	5000	299.8	1000										CT	Divides with WHO
WOCL	A. E. Newton Jamestown, N. Y.	25	247.8	1210										ET	
WODA	R. E. O'Dea, Inc. Paterson, N. J.	1000	239.9	1250										ET	Divides with WGCP-WAAM.
WOI	Iowa State College Ames, Ia.	3500	535.4	560										CT	Divides with KFEG. Day light.
WOKO	H. E. Smith Peekskill, N. Y.	500	208.2	1440										ET	Divides with WHEC-WABO.
WOMT	Mikadow Theatre Manitowoc, Wis.	100	247.8	1210										CT	
WOO	John Wasmaker, Inc. Philadelphia, Pa.	100	199.9	1500										ET	Divides with WHBW-WALK-WPSW.
WOOD	Hotel Rowe, W. B. Stiles Grand Rapids-Furnwood, Mich.	500	236.1	1270										CT	Divides with WASH.
WOQ	Unity School of Christianity Kansas City, Mo.	1000	491.5	610										CT	Divides with WDAF.
WOR	L. Bamberger & Co. Newark, N. J.	5000	422.3	710										ET	
WORD	People's Pulpit Association Chicago-Batavia, Ill.	5000	202.6	1480										CT	Divides with WJAZ-WHT.
WOS	State Market Bureau Jefferson City, Mo.	500	475.9	630										CT	Divides with WGBF-KFRU. 1000 Day light
WOW	Woodmen of the World Omaha, Neb.	1000	508.2	590										CT	Divides with WCAJ.
WOWO	Main Auto Supply Fort Wayne, Ind.	10000	258.5	1160										CT	Divides with WWVA
WOV	Inter. Broadcasting Corp. New York-Secaucus, N. J.	1000	265.3	1130										ET	Daylight only..
WPAP	Palisades Amuse. Co. New York-Cliffside, N. J.	250	296.9	1010										ET	Consolidated with WQAO. Divides with WHN-WRNY
WPCC	N. S. Congregational Church Chicago, Ill.	500	526.0	570										CT	Divides with WNAX-WHA-WIBO.
WPCH	Concourse Radio Corp. New York-Hoboken, N. J.	500	370.2	810										ET	Daylight only.
WPG	City of Atlantic City Atlantic City, N. J.	5000	272.6	1100										ET	Divides with WLWL.
WPOR	Reliance Elec. Co. Norfolk, Va.	500	384.4	780										ET	Combined with WTAR.
WPRC	Wilson Print. & Radio Co. Harrisburg, Pa.	100	249.9	1200										ET	Divides with WKJC.
WPSC	Pennsylvania State College State College, Pa.	500	243.8	1230										ET	Daylight only.
WPSW	School of Wireless Telegraphy Philadelphia, Pa.	50	199.9	1500										ET	Building 1000 watt station.
WPTF	Durham Insurance Co. Raleigh, N. C.	5000	440.9	680										ET	Divides with WBT; C. P. 10000.
WQAM	Electric Equipment Co. Miami, Fla.	750	241.8	1240										ET	Divides with WIOD.
WQAN	Scranton Times Scranton, Pa.	250	340.7	880										ET	Divides with WGBI.
WQAO	Calvary Baptist Church New York-Cliffside, N. J.	250	296.9	1010										ET	Divides with WHN-WRNY. Combined with WPAP.
WQBC	I. R. Jones Utica, Miss.	300	220.4	1360										CT	
WQBJ	John Raikes Clarksburg, W. Va.	65	249.9	1200										ET	
WQBZ	J. H. Thompson Weirton, W. Va.	60	211.1	1420										ET	Divides with WIBR
WRAF	Radio Club, Inc. La Porte, Ind.	100	249.9	1200										CT	Divides with WWAE
WRAK	C. R. Cummins Erie, Pa.	50	218.8	1370										ET	
WRAW	Ave. Radio & Elec. Reading, Pa.	100	228.9	1310										ET	Divides with WGAL.
WRAX	Berachah, Inc. Philadelphia, Pa.	250	208.2	1440										ET	Divides with WABF.
WRBC	Immanuel Lutheran Church Valparaiso, Ind.	500	241.8	1240										CT	Daylight only.
WRBI	Kents Music Store Tifton, Ga.	20	228.9	1310										ET	Divides with WTHS.

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	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						
WRBJ	Woodruff Fur. Co. Hattiesburg, Miss.	10	199.9	1500										CT	
WRBL	R. E. Martin Columbus, Ga.	50	249.9	1200										ET	
WRBQ	J. P. Scully Greenville, Miss.	100	247.8	1210										CT	
WRBT	Wilmington Radio Association Wilmington, N. C.	50	218.8	1370										ET	
WRBU	Kirby Music Co. Gastonia, N. C.	100	247.8	1210										ET	
WRBW	P. S. Pearce Columbia, S. C.	100	228.9	1310										ET	
WRBX	Richmond Dev. Co. Roanoke, Va.	250	322.4	930										ET	Combined with WDBJ; C. P.
WRC	Radio Corp. of America Washington, D. C.	500	315.6	950										ET	
WREC	WREC, Inc. Memphis-Whitehaven, Tenn.	500	499.7	600										CT	Divides with WOAN.
WREN	Jenny Wren, Inc. Lawrence, Kans.	090	245.6	1220										CT	Divides with KFBU.
WRHF (WOL)	American Broadcasting Co. Washington, D. C.	100	228.9	1310										ET	Daylight only.
WRHM	Rosedale Hospital Minneapolis, Minn.	1000	239.9	1250										CT	Divides with WCAL-KFMX-WLB.
WRJN	Racine Broadcasting Co. Racine, Wis.	100	336.9	1370										CT	Divides with WCLO.
WREK	Doron & Slade Hamilton, Ohio	100	228.9	1810										ET	
WRM (WILL)	University of Illinois Urbana, Ill.	500	336.9	890										CT	Divides with KUSD-KFNF. 250 watts. Night
WRNY	Experimenter Pub. Co. Nw York-Coytesville, N. Y.	250	296.9	1010										ET	Divides with WQAO-WPAP-WEN.
WRR	City of Dallas Dallas, Texas	500	288.3	1040										CT	Combines with WFAA.
WRUF	University of Florida St. Petersburg, Fla.	5000	204.0	1470										ET	
WRVA	Larus & Bro. Co. Richmond, Va.	5000	270.1	1110										ET	
WSAI	Crosley Radio Co. Cincinnati, Ohio	5000	364.8	800										ET	Limited Time.
WSAJ	Grove City College Grove City, Pa.	100	228.9	1310										ET	
WSAN	Call Publishing Co. Allentown, Pa.	100	199.9	1500										ET	Divides with WCBA.
WSAR	Doughty & Welch F. R.-Portsmouth, Mass.	250	206.8	1450										ET	
WSAZ	McKellar Elec. Co. Huntington, W. Va.	250	516.9	580										ET	Divides with WOBU.
WSB	Atlanta Journal Atlanta, Ga.	10000	405.2	740										CT	9-M-EE-Z; 7-F-R-Z-23.
WSBC	World Battery Co. Chicago, Ill.	100	247.8	1210										CT	Divides with WEDC-WCRW.
WSBT	South Bend Tribune South Bend, Ind.	500	243.8	1230										CT	Divides with WFBM-WCWK.
WSEA	Virginia Beach Broadcasting Co. Virginia Beach, Va.	500	384.4	780										ET	Divides with WTAR-WPOR.
WSGH	Amateur Radio Spec. Co. Brooklyn, N. Y.	500	214.2	1400										ET	Divides with WCGU-WLTH-WBBC. Combined with WSDA.
WSIX	638 Tire & Vul. Co. Springfield, Tenn.	100	247.8	1210										CT	
WSKC	World Star Knit. Co. Bay City, Mich.	500	212.6	1410										ET	
WSM	National Life & Accident Ins. Co. Nashville, Tenn.	5000	461.3	650										CT	C. P. 50000; 1-S-Y-II-Z; 9-C-S-Z-67; 3-4-Q-U-Z-67; 7-AA-Y-28-GG-R-Z-67.
WSMB	Maison Blanche Station New Orleans, La.	750	227.1	1320										CT	12-O-W-Z.
WSMD	T. F. Little Salisbury, Md.	100	228.9	1310										ET	
WSMK	S. M. K. Radio Corp. Dayton, Ohio	200	526.0	570										ET	Divides with WKKN.
WSPD	Toledo Broadcasting Co. Toledo, Ohio	250	223.7	1340										ET	
WSRO	H. W. Fahrlander Middletown, Ohio	100	211.1	1420										ET	
WSSH	Tremont Baptist Church Boston, Mass.	100	211.1	1420										ET	Divides with WLEX.
WSUI	University of Iowa Iowa City, Ia.	500	516.9	580										CT	Divides with KSAC.
WSUN	Chamber of Commerce St. Petersburg, Fla.	1000	333.1	900										ET	Divides with WMBF. Combined with WFL < time.
WSVS	Seneca Vocational School Buffalo, N. Y.	50	218.8	1370										ET	
WSYR	C. B. Meredith Syracuse, N. Y.	250	526.0	570										ET	Divides with WMAC.
WTAD	Illinois Stock Medicine Co. Quincy, Ill.	500	208.2	1440										CT	Divides with WMBD. 1000_watts. Day-
WTAG	Worcester Telegram Co. Worcester, Mass.	250	516.9	580										ET	
WTAM	Wtam & Wear, Inc. Cleveland, Ohio	3500	280.2	1070										ET	Divides with WEAR; 8-A-AA-Z.
WTAQ	C. S. Van Gordon Eau Claire, Wis.	1000	225.4	1330										CT	Divides with KSCJ. 2500 watts. Daytime.
WTAR	Reliance Elec. Co. Norfolk, Va.	500	384.4	780										ET	Divides with WSEA. Combined with WPOR
WTAS	Illinois Broadcasting Corp. Chicago, Ill.	15000	416.4	720										CT	Combined with WLIB-WGN.
WTAW	Agr. & Mech. College College Station, Texas	500	2 7.7	1120										CT	Divides with KUT.
WTAX	Williams Hardware Co. Streator, Ill.	500	247.8	1210										CT	Divides with WCBS.
WTAZ	T. J. McGuire Richmond, Va.	15	247.8	1210										ET	Divides with WMBG.
WTFP (WJSV)	Independent Publishing Co. Washington-Mt. Vernon, Va.	10000	205.4	1466										ET	

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	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						
WTFI	Toccoa Falls Institute Toccoa Falls, Ga.	500 500	206.8 209.7	1450 1430										ET	
WTHS	Atlanta Tech. High School Atlanta, Ga.	100 200	228.9 227.1	1310 1320										CT	Divides with WRBI.
WTIC	Travelers Insurance Co. Hartford, Conn.	50000 500	282.8 585.4	1060 560										ET	Divides with WBAL; 9-C-U-Z; 7-MM-N-Z.
WTMJ	Milwaukee Journal Milwaukee-Brookfield, Wis.	1000 1000	488.6 298.9	620 1020										CT	Daylight only.
WWAE	Dr. G. F. Courrier Chicago-Hammond, Ind.	100 500	249.9 227.1	1200 1320										CT	Divides with WRAF.
WWJ	Evening News Detroit, Mich.	1000 1000	325.9 352.7	920 850										ET	
WWL	Loyola University New Orleans, La.	5000 500	352.7 245.8	850 1220										CT	Divides with KWKH.
WWNC	Chamber of Commerce Asheville, N. C.	1000 1000	526.0 296.9	570 1010										CT	
WWRL	W. H. Reuman Woodside, N. Y.	100 100	199.9 199.9	1500 1500										ET	Divides with WMBQ-WLBX-WCLB.
WWVA	Wheeling Broadcasting Co. Wheeling, W. Va.	5000 250	258.5 616.9	1160 580										ET	Divides with WOWD.

### CANADA

### CANADA—Continued

Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	Kilo-cycles	Controls			Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	Kilo-cycles	Controls		
					1	2	3						1	2	3
CFAC	Calgary Herald Calgary, Alberta	500	434.5	690				CJCA	Edmonton Journal Edmonton, Alb.	500	516.9	580			
CFCA	Toronto Star Toronto, Ont.	500	356.9	840				CJCJ	Radio Service & Repair Calgary, Alb.	250	434.5	680			
CFCF	Marconi Co. Montreal, Que.	1650	410.7	780				CJCR	North Amer. Collieries Red Deer, Alb.	1000	356.9	840			
CFCH	Abitibi Power & Paper Co. Iroquois Falls, Ont.	250	499.7	600				CJGC	Free Press London, Ont.	500	329.5	910			
CFCN	W. W. Grant, Ltd. Calgary, Alta.	1800	484.5	690				CJGX	Winnipeg Grain Exchange Yorkton, Sask.	500	475.9	680			
CFCQ	S. S. Radio Co. Vancouver, B. C.	10	410.7	780				CJOC	J. Palmer Lethbridge, Alb.	50	267.7	1120			
CFCT	Victoria B. Assoc. Victoria, B. C.	500	475.9	910				CJOR	G. C. Chandler Sea Island, B. C.	50	201.1	1080			
CFCY	Island Radio Co. Charlottetown, P. E. I.	100	312.3	960				CJRM	Jan. Richardson & Sons Moose Jaw, Sask.	500	256.9	1010			
CFGC	Brant Radio Co. Brantford, Ont.	50	296.9	1010				CJSC	Evening Telegram Toronto, Ont.	500	356.9	840			
CFJC	Dagleish & Sons Kamloops, B. C.	15	267.7	1120				CJWC	Wheaton Elec. Co. Saskatoon, Sask.	250	329.5	910			
CFLC	Radio Association of Prescott Prescott, Ont.	50	296.9	1010				CJYC	Universal Radio Scarboro, Ont.	500	516.9	580			
CFMC	Monarch Battery Co. Kingston, Ont.	20	267.7	1120				CKAC	Press Publishing Co. Montreal, Que.	1200	419.7	780			
CFNB	J. S. Neil & Sons Fredericton N. B.	25	247.8	1210				CKCD	Daily Province Vancouver, B. C.	1000	410.7	780			
CFQC	Electric Shop Saskatoon, Sask.	500	329.5	910				CKCI	Le Soleil, Ltd. Quebec, Que.	20	340.7	880			
CFRB	Standard Radio Co. Toronto, Ont.	1000	516.9	580				CKCK	Leader Publishing Co. Regina, Sask.	500	312.3	960			
CFRC	Queens University Kingston, Ont.	500	267.7	1120				CKCL	Dom. Battery Co. Toronto, Ont.	500	356.9	840			
CFYC	International Bible Students Burnaby, B. C.	500	410.7	780				CKCO	Dr. G. M. Geldert Ottawa, Ont.	100	484.5	690			
CHCA	Albertan Publishing Co. Calgary, Alb.	250	484.5	690				CKCR	J. Patterson St. George, Ont.	25	267.7	1120			
CHCS	Hamilton Spectator Hamilton, Ont.	10	340.7	880				CKCV	G. A. Vandy Quebec, Que.	50	340.7	880			
CHCT	G. F. Tall Red Deer, Alb.	1000	356.9	840				CKCX	International Bible Association Scarboro, Ont.	500	516.9	580			
CHCY	International Bible Students Edmonton, Alb.	250	516.9	580				CWFC	United Church of Canada Vancouver, B. C.	50	410.7	780			
CHGS	R. T. Holman Summerside, P. E. I.	25	267.7	1120				CKGW	Goederham & Gorts Bomanville, Ont.	5000	312.3	960			
CHIC	Northern Elec. Co. Toronto, Ont.	500	356.9	840				CKLC	Alberta Pac. Grain Co. Red Deer, Alb.	1000	356.9	840			
CHMA	Christian Alliance Edmonton, Alb.	250	516.9	580				CKMC	R. L. MacAdam Cobalt, Ont.	5	247.8	1210			
CHML	Maple Leaf Radio Co. Mt. Hamilton, Ont.	50	340.7	880				CKNC	National Carbon Co. Toronto, Ont.	500	356.9	840			
CHNC	Toronto Radio Res. Toronto, Ont.	500	356.9	840				CKOC	Wentworth Radio Snp. Co. Hamilton, Ont.	100	340.7	880			
CHNS	Northern Elec. Co. Halifax, N. S.	100	322.4	980				CKOW	Nestle's Food Co. Scarboro, Ont.	500	516.9	580			
CHPC	Central Presbyterian Church Vancouver, B. C.	1000	410.7	780				CKPC	W. Euss Preston, Ont.	8	247.8	1210			
CHRC	E. Fontaine Quebec, Que.	5	340.7	880				CKPR	E. O. Swan Midland, Ont.	50	267.7	1120			
CHSC	H. N. Stevin Unity, Sask.	50	267.7	1120				CKSH	City Station St. Hyacinthe, Que.	50	296.9	1010			
CHUC	International Bible Association Saskatoon, Sask.	500	429.5	910				CKSM	St. Michael's Cathedral Toronto, Ont.	1000	516.9	580			
CHWC	R. H. Williams & Sons Regina, Sask.	15	312.3	960				CKUA	University of Alberta Edmonton, Alb.	500	516.9	580			
CHWK	Chilliack Broadcasting Co. Chilliack, B. C.	5	247.8	1210				CKWX	Holstead & Hanlon Vancouver, B. C.	50	410.7	780			
CHYC	Northern Elec. Co. Montreal, Que.	750	410.7	780				CKY	Mantoba Tel. Co. Winnipeg, Man.	500	384.4	780			
CJBC	Jarvis Baptist Church Toronto, Ont.	500	516.9	580				CNBA	Can. Nat. Ry. Moncton, N. B.	500	475.9	680			
CJBR	Ce-operative Wheat Pro. Regina, Sask.	500	312.3	960											

CANADA—Continued					Controls			ALASKA					Controls		
Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	Kilo-cycles	1	2	3	Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	Kilo-cycles	1	2	3
CNRC	Can. Nat. Ry. Calgary, Alb.	500	434.5	690				KFIU	Electric Light & Power Co. Juneau, Alaska	10	228.9	1310			
CNRE	Can. Nat. Ry. Edmonton, Alb.	500	516.9	580				KFQD	Radio Club Anchorage, Alaska	100	243.8	1230			
CNRM	Can. Nat. Ry. Montreal, Que.	1000	410.7	730				KGBU	Railway Service Co. Ketchikan, Alaska	500	333.1	900			
CNRO	Can. Nat. Ry. Ottawa, Ont.	500	434.5	690						500	399.8	750			
CNRQ	Can. Nat. Ry. Quebec, Que.	50	340.7	880				<b>HAWAII</b>							
CNRR	Can. Nat. Ry. Regina, Sask.	500	312.3	960				Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	Kilo-cycles			
CNRS	Can. Nat. Ry. Saskatoon, Sask.	500	329.5	910				KGHB	Radio Sales Honolulu	500	319.0	940			
CNTR	Can. Nat. Ry. Toronto, Ont.	500	356.9	840				KGU	M. A. Mulroney Honolulu	500	319.9	940			
CNRV	Can. Nat. Ry. Vancouver, B. C.	500	291.1	1030						500	270.1	1110			
CNRW	Can. Nat. Ry. Winnipeg, Sask.	500	384.4	780				<b>PORTO RICO</b>							
<b>MEXICO</b>								Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	Kilo-cycles			
CYA	Partido Liberal Mexico City, Mex.	500	265.0	1130				WKAQ	R. C. of P. R. San Juan, P. R.	500	516.9	322.4			
CYB	El Buen Tono Mexico City, Mex.	500	270.0	1110				<b>TOO LATE TO CLASSIFY</b>							
CYF	F. Zorrilla Oaxaca, Oax., Mex.	500	270.0	1110				WMMN	Holt-Rowe Nov. Co. Fairmont, W. Va.	250	336.9	890			
CXG	Secretaria Marina Mexico City, Mex.	1000	300.0	1000				KGIO	J. W. Duckworth Idaho Falls, Idaho	250	227.1	1320			
CYH	Tarnana B Cia. Monterey, Mex.	1000	311.0	964				KGIQ	S. M. Soule, Twin Falls, Idaho	250	227.1	1320			
CYJ	General Elec. Co. Mexico City, Mex.	1000	410.0	730				KGIR	Symons Broadcasting Co., Butte, Mont.	250	220.4	1360			
CYL	La Casa Radio Mexico City, Mex.	500	480.0	625				KOH	Jay Peters, Reno, Nev.	100	218.8	1370			
CYX	Revista de Revistas Mexico City, Mex.	500	338.0	900				WTBO	Cumberland Electric Co., Cumberland, Md.	100	218.8	1370			
CXZ	Liga Cen. Radio Mexico City, Mex.	500	400.0	750				WTBQ	E. Brandt Boylan, Wilmington, Del.	50	211.1	1420			
<b>CUBA</b>								WEAM	W. J. Butterfield, Plainfield, N. J.	100	218.8	1370			
Call Letters	NAME AND ADDRESS OF RADIOCASTER	Power (Watt)	Meter Length	Kilo-cycles				WELK	Howard E. Miller Philadelphia, Pa.	100	218.8	1370			
2FG	A. A. Ferrera Hershhey, Cuba	20	200.0	1500				KIDO	Boise Broadcasting Station, Boise, Idaho	1000	239.9	1250			
2HP	C. W. Vda. Crucet Havana, Cuba	200	205.0	1460				WEAI	Cornell University, Ithaca, N. Y.	500	236.1	1270			
2JL	J. Leiro Havana, Cuba	5	294.0	1020				KFQA	Voice of St. Louis, St. Louis, Mo. (Com. with KMOX)	100	199.9	1500			
2MA	M. Alvarez Havana, Cuba	50	305.0	980				WMBJ	J. W. Sproul, Wilkinsburg, Pa.	100	199.9	1500			
2MG	Salas Music Co. Havana, Cuba	20	234.0	1055				KTM	Pickwick Broadcasting Co., Santa Monica, Calif.	500	384.4	780			
2MU	U. Nunkz Havana, Cuba	10	265.0	1380				WBCN	Great Lakes Broadcasting Co., Chicago, Ill. (Com. with WENR)	500	344.6	870			
2OK	M. G. Velez Havana, Cuba	100	360.0	838				<b>List below your Favorite Stations and where you got them</b>							
2OL	O. Collado Havana, Cuba	100	257.0	1170				Call Letter	Name of Station						
2RK	E. Karman Havana, Cuba	100	315.0	950											
2TW	R. E. Ramirez Havana, Cuba	20	270.0	1110											
2UF	R. E. Ramirez Havana, Cuba	20	355.0	844											
2XX	A. A. Ginard Havana, Cuba	05	225.0	1333											
3EV	L. V. Figueroa Colon, Cuba	5	360.0	833											
6BY	T. Ganduxe Cienfuegos, Cuba	200	260.0	1153											
6EV	M. J. Alvarez Calbarien, Cuba	50	250.0	1200											
6HS	Santiago Ventura S. La Grande, Cuba	10	200.0	1500											
6KC	C. Hernandez Cienfuegos, Cuba	10	240.0	1250											
6KP	A. Galguroa Santi-spiritus, Cuba	20	195.0	1540											
6LO	M. A. Alvarez Calbarien, Cuba	250	325.0	920											
6XJ	F. H. Jones Tumuca, Cuba	100	278.0	1080											
6YR	D. Ibarra Camaguey, Cuba	20	200.0	1500											
7AZ	F. Nogueroa Camaguey Cuba	10	225.0	1333											







## List Below Your Favorite Stations and Where You Got Them

1	51
2	52
3	53
4	54
5	55
6	56
7	57
7	58
8	59
9	60
10	61
11	62
12	63
13	64
14	65
15	66
16	67
17	68
18	69
19	70
20	71
21	72
22	73
23	74
24	75
25	76
26	77
27	78
28	79
29	80
30	81
31	82
32	83
33	84
34	85
35	86
36	87
37	88
38	88
39	89
40	90
41	91
42	92
43	93
44	94
45	95
46	96
47	97
48	98
49	99
50	100



# FOREIGN STATIONS

List of Broadcasting Stations of the world, using from 200 to 600 meters ONLY, in order of wave length

Wave Length	Location	Call Signal	Wave Length	Location	Call Signal	Wave Length	Location	Call Signal	Wave Length	Location	Call Signal
588.2	Zurich, Switzerland	HBZ	405	Salamanca, Spain	EAJ22	300	Marseilles, France		246	Juan les Pins, Nice, France	
577	Vienna (Stubenring), Aus.		400	Mont de Marzan, France		300	Bratizlava (Pressburg), Cz.		246	Toulouse, P. T. T., France	
577	Freiburg, Germany		400	Aix-la-Chapelle, Germany		297	Liverpool, England	6LV	243.9	Trondhjem, Norway	
566	Cracow, Poland		400	Cadiz, Spain	EAJ3	297	Hanover, Germany		241.9	Nurnberg, Germany	
566	Augsburg, Germany		400	Madrid, Spain	EAJ2	297	Varborg, Sweden		240	Viborg, Finland	
566	Bloemendaal, Holland		400	Cork, Irish Free State	6CK	297	Jyvaaskyla, Finland		240	Nimes, France	
566	Mikeli (St. Michel), Finland		400	Plymouth, England	5PY	294.1	Dundee, Scotland	2DE	238.1	Kiruna, Sweden	
555.8	Hamar, Norway		394.7	Tammerfors, Finland		294.1	Hull, England	6KH	238.1	Orrebro, Sweden	
555.5	Budapest, Hungary		389.6	Hamburg, Germany		294.1	Stoke, England	6ST	236.2	Stettin, Germany	
548	Milan, Italy	IMI	389.6	Toulouse, France		294.1	Swansea, England	6SX	230.2	Boras, Sweden	SMBY
545.6	Sundsvall, Sweden	ASAD	379.7	Manchester, England	2ZY	294.1	Innsbruck, Austria		230	Scharbeck, Germany	
535.7	Munich, Germany		375	Stuttgart, Germany		291.3	Udevalla, Sweden		229.4	Helsingborg, Sweden	SMYB
526.3	Riga, Latvia		375	Helsingfors (Helsinki), Fin.		291.3	Lyons, France		229	Umea, Sweden	SMNS
517.2	Vienna (Rosenhugel), Aus.		370.4	Madrid, Spain	EAJ7	298.8	Bordeaux Lafayette P.T.T., France		222.2	Straaburg, France	
511	Aalesund, Norway		370	Bergen, Norway		288.5	Edinburgh, Scotland	2EH	220.6	Karlstadt, Sweden	SMXZ
508.5	Brussels, Belgium	SBR	365.8	Pairs, France		285	Limoges, France		217.4	Luxembourg, Belgium	LOAA
500	Tromso, Norway		361.4	Leipzig, Germany		283	Cologne, Germany		216.3	Halmstad, Sweden	SMSB
500	Aberdeen, Scotland	2BD	357.1	London, England	2LO	279	Trollhattan, Sweden		204.1	Gavle, Sweden	SMXF
500	Uppsala, Sweden		353	Graz, Austria		277.8	Leeds, England	2LS	202.7	Kristinehamn, Sweden	SMTY
500	Linkoping, Sweden	SMUW	348.9	Cardiff, Wales	5WA	277.8	Kaiserslauten, Bavaria		201.3	Jonkoping, Sweden	SMZD
500	Porsgrund, Norway		344.8	Prague, Czechoslovakia		277	Barcelona, Spain	EAJ13	200	Fecamp, France	
491.8	Daventry, England	5GB	342.9	Barcelona, Spain	EAJ1	275.2	Draxen, Germany		516	Hobart, Australia	7ZL
484	Berlin (Witzleben), Ger.		340.9	Posen, Poland		275.2	Jacobstad, Finland		481	Melbourne, Australia	3AR
476	Lyons, France		340.9	Huisen, Holland		275.2	Norrkoping, Sweden	SMVV	395	Adelaide, Australia	2FC
468.8	Langenburg, Germany		337.4	Paris, France		275.2	Nottingham, England	5NG	385	Brisbane, Australia	4QC
462	Barcelona, Spain	EAJ18	335	Copenhagen, Denmark	EAJ16	275	Ghent, Belgium		371	Melbourne, Australia	3LO
461.5	Oslø, Norway		335	Cartagena, Spain	EAJ16	275	Sheffield, England	6FL	353	Sydney, Australia	2BL
458	Paris, France		333.3	San Sebastian, Spain	EAJ8	272.7	Bremen, Germany		416	Wellington, New Zealand	2YA
454.5	Stockholm, Sweden	SASA	333.3	Reykjavik, Iceland	INA	272.7	Danzig, Germany		553	Rabat, Morocco, Africa	
447.8	Rome, Italy	IRO	329.7	Naples, Italy		272.7	Hudikavall, Sweden		505	Algiers, P. T. T., Africa	
447.8	Rjukan, Norway		326.1	Gleitwitz, Germany		272.7	Klagenfurt, Austria		483.5	Casablanca, Morocco, Africa	CNO
446	Malmberget, Sweden		326	Bournemouth, England	6BM	267.3	Lille, P. T. T., France		406.5	Johannesburg, South Africa	JE
441.2	Brunn (Brno), Czechoslov.	OKB	322.6	Almeria, Spain	EAJ18	260.9	Mamo, Sweden	SASC	375	Durban, South Africa	
435	Wilna, Poland		319.1	Breslau, Germany		254.2	Kiel, Germany		370.4	Capetown, South Africa	
434.8	Seville, Spain	EAJ5	316.8	Dublin, Ireland	2RN	254.2	Kalmar, Sweden	SMSN	357	Calcutta, India	7C
428.6	Frankfurt-on-Main, Ger.		312.5	Falun, Sweden	SMZK	252.1	Linz, Austria		400	Bombay, India	7BY
422	Kattowitz, Poland		310	Newcastle, England	5NO	252.1	Bradford, England	2LS	380	Osaka, Japan	JOBB
416.5	Goteborg, Sweden	SASB	310	Agen, France		252.1	Cassel, Germany		353	Kumamoto, Japan	JOBK
416	Grenoble, France		309	Oviedo, Spain		252.1	Montpelier, France		353	Hiroshima, Japan	JOFK
412	Notodden, Norway		306.1	Zagreb, Yugoslavia		250	Saffe, Sweden	SMTS	380	Tokyo, Japan	JOAK
411	Berne, Switzerland	HBA	304	Belfast, Ireland	2BE	249.7	Uleaborg, Finland		291.2	Lima, South America	OAX
408	Tallinn (Reval), Estonia		303	Bjorneborg, Finland		249.7	Eskilstuna, Sweden	SMUC	210	Buenos Aires, S. America	LOS
405.4	Glasgow, Scotland	5SC	302	Konigsberg, Germany		243.7	Munster, Germany			Buenos Aires, S. America	LON

## How to Read your Dial and Convert Meters and Calibrations to Kilocycles

Under the recent ruling of the Federal Radio Commission to drop meters and use kilocycles, we herewith show conversion tables and also dial readings on plain calibrated dials of from 1 to 100.

First to arrive at the correct meters, when kilocycles are known it is only necessary to divide the kilocycles into 300,000, and your answer will be the meters.

Second if the meters are known, just divide the meters into 300,000 and your answer is the number of kilocycles.

Below we give a table showing meters and their corresponding equivalent in kilocycles. In the right hand column we give the approximate place these will come in on dials calibrated from 1 to 100. As most sets vary, we give the positions in between which numbers given kilocycles will come in, on all sets.

Meters	Kilocycles	Should come in on your Dial Between	Meters	Kilocycles	Should come in on your Dial Between	Meters	Kilocycles	Should come in on your Dial Between	Meters	Kilocycles	Should come in on your Dial Between
199.9	Equals	1500	238.0	"	1260	293.9	"	1020	384.4	"	780
201.2	"	1490	239.9	"	1250	296.9	"	1010	389.4	"	770
202.6	"	1480	241.8	"	1240	299.8	"	1000	394.5	"	760
204.0	"	1470	243.8	"	1230	302.8	"	990	399.8	"	750
205.4	"	1460	245.8	"	1220	305.9	"	980	405.2	"	740
206.8	"	1450	247.3	"	1210	309.1	"	970	410.7	"	730
208.2	"	1440	249.9	"	1200	312.3	"	960	416.4	"	720
209.7	"	1430	252.0	"	1190	315.6	"	950	422.3	"	710
211.1	"	1420	254.1	"	1180	319.0	"	940	428.3	"	700
212.6	"	1410	256.3	"	1170	322.4	"	930	434.5	"	690
214.2	"	1400	258.5	"	1160	325.9	"	920	440.9	"	680
215.7	"	1390	260.7	"	1150	329.5	"	910	447.5	"	670
217.8	"	1380	263.0	"	1140	331.1	"	900	454.8	"	660
218.8	"	1370	265.3	"	1130	336.9	"	890	461.3	"	650
220.4	"	1360	267.7	"	1120	340.7	"	880	468.5	"	640
222.1	"	1350	270.1	"	1110	344.6	"	870	475.9	"	630
223.7	"	1340	272.6	"	1100	348.6	"	860	483.6	"	620
225.4	"	1330	275.1	"	1090	352.7	"	850	491.5	"	610
227.1	"	1320	277.6	"	1080	356.9	"	840	499.7	"	600
228.9	"	1310	280.2	"	1070	361.2	"	830	508.2	"	590
230.6	"	1300	282.8	"	1060	365.6	"	820	516.9	"	580
232.4	"	1290	285.5	"	1050	370.2	"	810	526.0	"	570
234.2	"	1280	288.3	"	1040	374.8	"	800	535.4	"	560
236.1	"	1270	291.1	"	1030	379.9	"	790	545.1	"	550

