

RADIO LOG and LORE

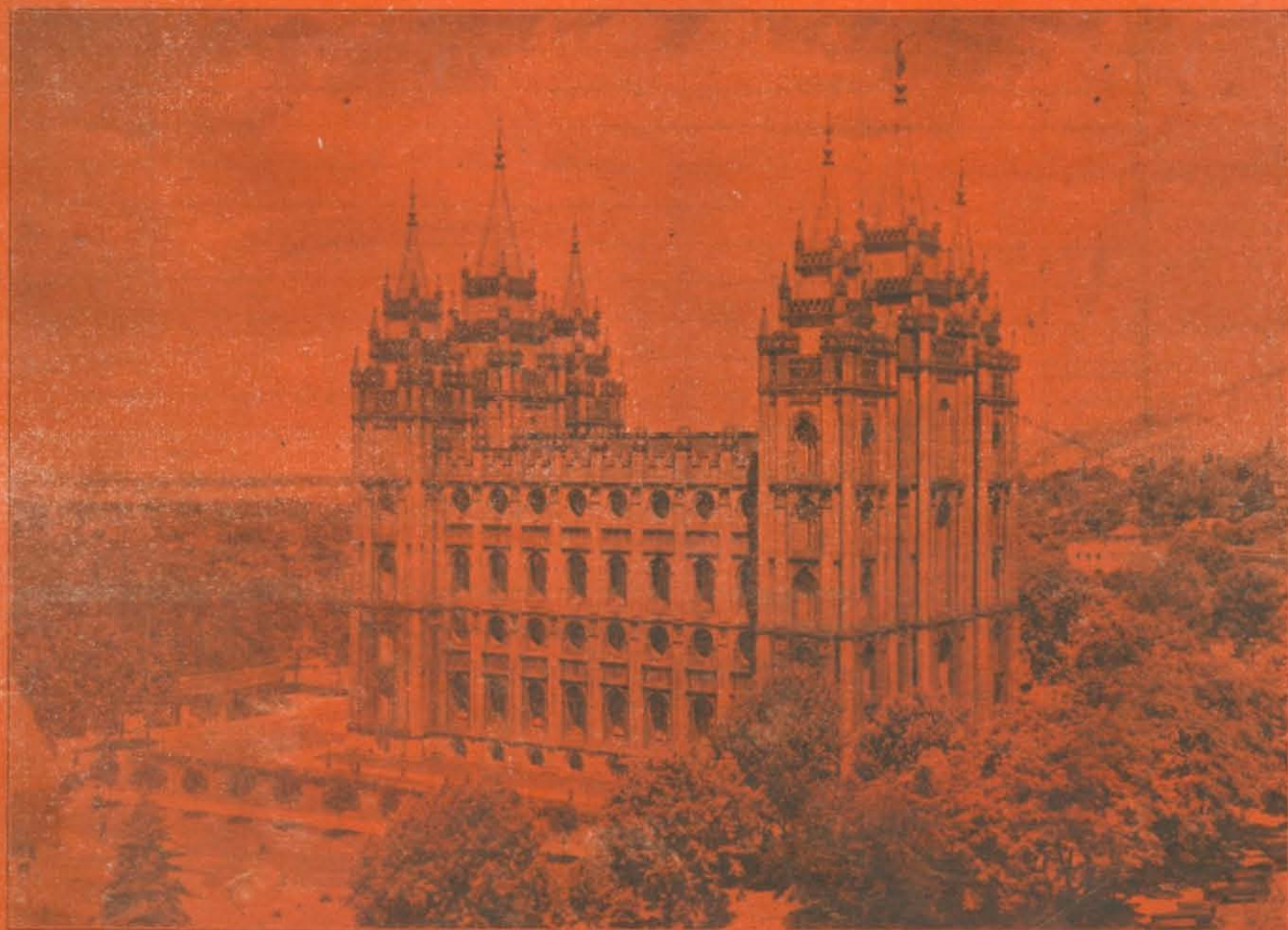
NEWSDEALER PRICE25c

FEBRUARY

By MAIL (for One Year, 12 Issues
Canada - Foreign, \$1.25)\$1

A Dollar Buys a Complete Service for One Year

—a service that is needed in every home where there is a radio. A complete, concise program service of all American networks, lists of all network stations and cross-indexed listings of all North American chain and non-chain stations, as well as all radio stations of the world. Let this magazine help you enjoy your radio more. A subscription coupon, for your convenience, may be found on page 3.



THE SALT LAKE TABERNACLE

PROGRAMS

Sunday

Monday

Tuesday

Wednesday

Thursday:

Friday

Saturday

[illegible]

W. R. WHITMAN, . . . PUBLISHER
ALICE M. WHITMAN, . . . EDITOR



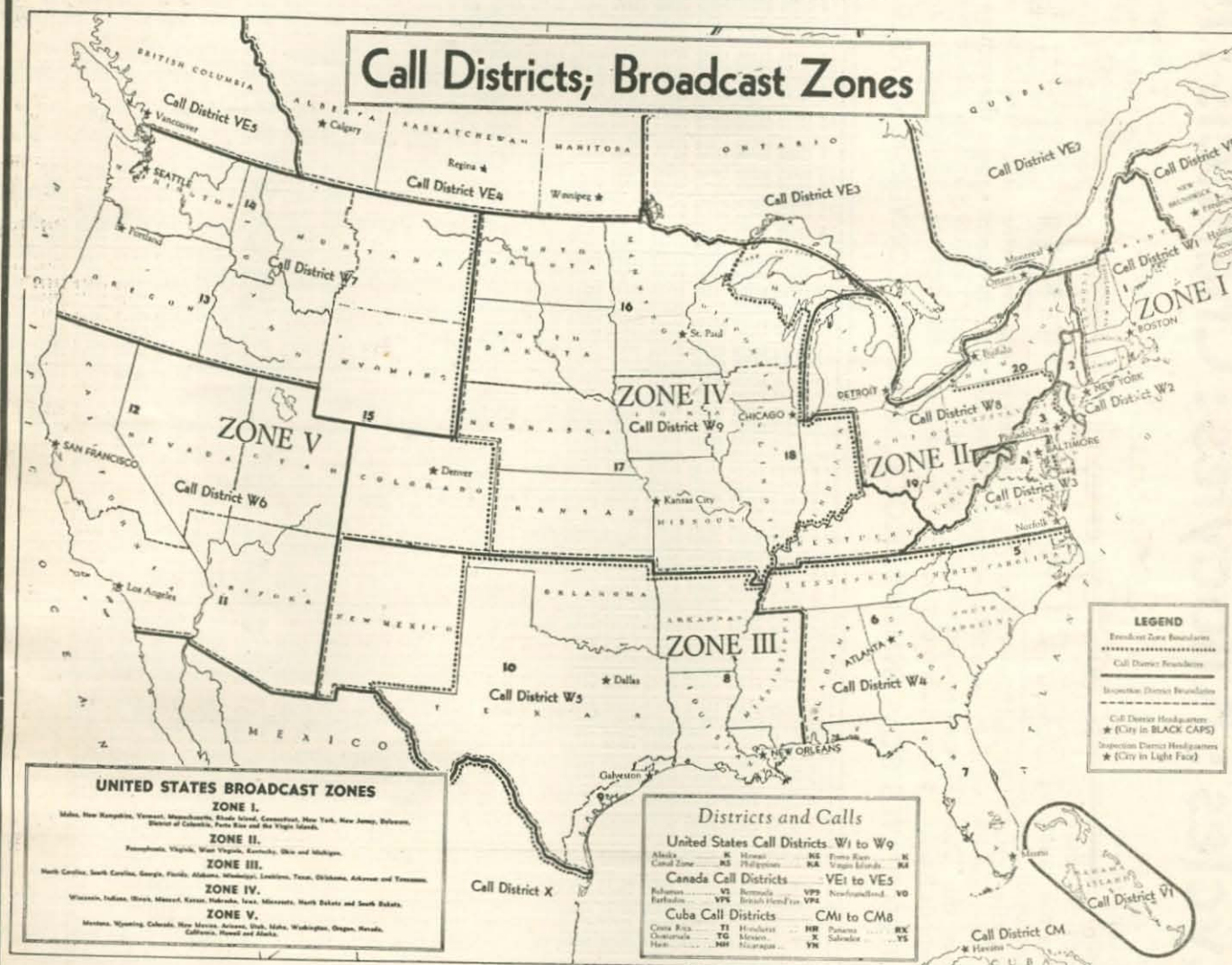
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Call Districts; Broadcast Zones



While prefixes or certain letters, designated to distinguish calls of one nation from another, are assigned by the international authorities at Berne, most of the larger countries divide their territory into numbered call districts and these numbers in calls, designate the district in which the station is located. In the United States there are nine call districts and in Canada, five. Long wave broadcasting and commercial station calls do not include call district numbers but amateur and experimental station calls are indicated by a number immediately following the prefix letter denoting nationality.

In the United States, each radio district maintains its headquarters in a centrally located city in charge of a supervisor of radio, a number of branch offices at strategical points and a centrally located constant frequency monitoring station, the manager of which is under the direct supervision of the Washington office. A list of these district headquarters, with the territory under the jurisdiction of each, follows:

FEBRUARY PAGE [5]

The terms, "ship and aircraft stations," is readily understood, as is the term, "fixed land stations." This latter may embrace coastal stations, airdrome stations, or commercial high-powered stations, and their identification is fairly simple, as the number of letters only in the call is involved. There is more confusion in the amateur and experiment stations as for various reasons the rules are not always closely followed. Each country is allowed to choose the nationality prefix for both the amateur and experimental stations, and many countries, notably the United States, seize the use of the second character (the numeral) as a means of further identification. As there are nine radio districts in the United States, the call signs of amateur and experimental stations within these districts are numbered accordingly. Other countries which have adopted this check classification include Australia, Canada, Cuba, Czechoslovakia, Dutch East Indies, Finland, Japan, New Zealand, South Africa, etc. Ordinary broadcasting stations, which are the best known of radio stations, frequently form exceptions to the above rules. Being fixed land stations, they should in reality have three-letter combinations; whereas, in many instances they have four-letter combinations as well as a frequent mingling of numerals with the letters. Short wave broadcasting stations, as in the case of experimental stations, utilize calls with a numeral following the nationality prefix.

A · —	E ·	I · ·	M — —	Q — — · —	U · · —	Y — · — —
B — · · ·	F · · — ·	J · — — —	N — ·	R · — ·	V · · · —	Z — · · ·
C — · —	G — — ·	K — · —	O — — —	S · · ·	W · — —	E (French) · · · ·
D — · ·	H · · · ·	L · — · ·	P — — —	T —	X — · · ·	(A German) · · · ·
1 — — — —	3 · · · —	5 · · · ·	7 — · · ·	9 — — — ·		
2 · · — —	4 · · · ·	6 · · · ·	8 · · · ·	0 — — — —		
· (Period) · · · · ·	· (Comma) · — · — ·	! (Exclamation Point) — — — —	— (Fraction Bar) — · · · —	Break (Double Dash) — · · · —		
— (Hyphen) — · · · —	: (Colon) · — · — ·	' (Apostrophe) — · — —	.. (Inverted Commas) · · · · ·	End Message (Cross) · · · · ·		
? (Interrogation) · · · · ·	; (Semicolon) · — · — ·	() (Parenthesis) · — · — ·	Warning (High Power) · · · · ·	Error · · · · ·		

WHY NOT LEARN MORSE CODE?

[International Morse Code and Conventional Signals]
To Be Used for All General Public - Service Communication

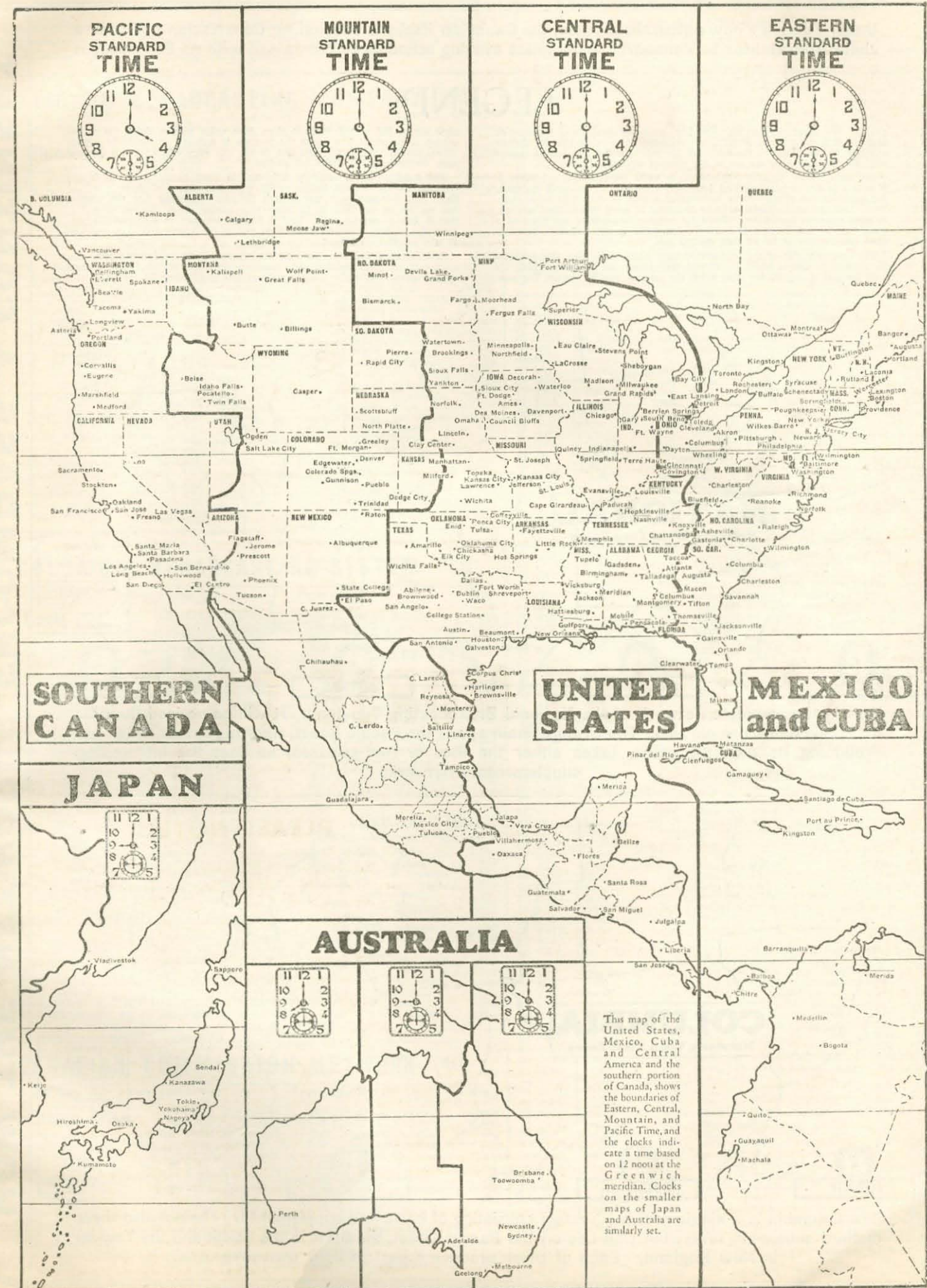
Radio has been instrumental in bringing about a universal understanding of Morse Code. As proficiency in its use is necessary to the securing of an amateur license, thousands upon thousands of "Hams" in all parts of the world have become expert in its use; whereas this knowledge was previously possessed only by persons employed professionally in the transmission of messages by wire.

PLEASE NOTE:

- (1) A Dash Is Equal to Three Dots
- (2) The Space Between Parts of the Same Letter Is Equal to One Dot
- (3) The Space Between Two Letters Is Equal to Three Dots
- (4) The Space Between Two Words Is Equal to Five Dots

This knowledge of the alphabet, acquired by amateurs and others, is the source of much entertainment in gleaning press, weather and other information from the air.

QRA.....What is the name of your station?	QRT.....Must I stop sending?	QSP.....Will you relay to..... free of charge?
QRB.....At what approximate distance are you?	QRU.....Have you anything for me?	QSQ.....Must I send each word or group once only?
QRD.....Where are you going?	QRV.....Must I send a series of V's?	QSX.....Does my wave length 'frequency' vary?
QRE.....What is the nationality of your station?	QRW.....Must I advise.....that you are calling him?	QSZ.....Must I send each word or group twice?
QRF.....Where do you come from?	QRX.....Must I wait? When will you call me again?	QTA.....Must I cancel telegram No.....?
QRQ.....Will you indicate my exact frequency in kilocycles?	QRY.....Which is my turn?	QTB.....Do you agree with my word count?
QRH.....What is your exact frequency in kilocycles?	QRZ.....By whom am I being called?	QTC.....How many telegrams have you to send?
QRI.....Is my tone bad?	QSA.....What is the strength of my signals (9 to 5)?	QTD.....Is the word "count" accepted?
QRJ.....Are you receiving me badly? Signals weak?	QSB.....Does the strength of my signals vary?	QTE.....What is my true bearing?
QRK.....Are you receiving me well? Are my signals good?	QSC.....Do my signals disappear entirely at intervals?	QTH.....What is your position in latitude and longitude?
QRL.....Are you busy?	QSD.....Is my keying bad?	QTI.....What is your true course?
QRM.....Are you being interfered?	QSE.....Are my signals distinct?	QTJ.....What is your speed?
QRN.....Are you troubled by atmospherics?	QSF.....Is my automatic transmission good?	QTK.....What is true bearing of..... relative to you?
QRO.....Must I increase my power?	QSK.....Must I suspend traffic? When will you call?	QTP.....Are you going to enter the dock?
QRP.....Must I decrease my power?	QSL.....Can you give me acknowledgment of receipt?	QTR.....What is the exact time?
QRQ.....Must I send faster?	QSM.....Have you received my acknowledgment?	QTS.....What is true bearing of your station relative to me?
QRS.....Must I send slowly?	QSN.....Can you receive me now? Must I listen?	QTU.....What are hours during which your station is open?



This map of the United States, Mexico, Cuba and Central America and the southern portion of Canada, shows the boundaries of Eastern, Central, Mountain, and Pacific Time, and the clocks indicate a time based on 12 noon at the Greenwich meridian. Clocks on the smaller maps of Japan and Australia are similarly set.

lap the Evening Program schedules, the Coast networks do not carry all of the Eastern releases, supplanting a part of them with their own attractions.

All the schedules are based on 15-minute periods—four to the hour. Three simultaneous releases are listed, one for Columbia and two for NBC (the Blue and Red in the East; the Orange and Gold in the West). The Evening Program schedule includes a fourth network—the Canadian chain. This schedule also gives, where possible, the point of origination of each program, and the zones covered. NBC has but one chain on the Coast (the Orange) but a second program schedule is maintained alternately by the two San Francisco key stations, KGO and KPQ, the one broadcasting singly while the other heads the chain on which are carried either Coast NBC programs or Eastern Blue and Red releases.

ST	'45	NBC NBC Gold COL DL
11	'00	NBC Gold NBC Oran COL DL
Pacific ST	'15	NBC Oran NBC Gold COL DL
	'30	NBC Oran NBC Gold COL DL
	'45	NBC Oran NBC Gold COL DL

Saturday

Ted Weems' Orch. Community Forum Newspaper Adventures Ted Weems' Orch. Community Forum Ace Brigade Orch. J. Penner, Comedian. Silhouettes H. V. Kaitenborn. J. Penner, Comedian. Silhouettes Cello and Organ.	Dance Masters. Art and Music. Hodge Podge Lodge. Dance Masters. Little Colleen. Hodge Podge Lodge. Mary and Her Garden. Stringwood Ensemble. Vidacrin Laboratories Little Orphan Annie. Stringwood Ensemble. Town Topics.	Musical Program. Family Cook Book. Correct English. Your Government. John and Ned. Texas Rangers. Your Government. Mary and Her Garden. Vidacrin Laboratories Little Orphan Annie. Melody Mixers Town Topics	Green Brothers Orch. Society Sidlights. Melodies Organisque. Russo, Oriental Orch. Tone Portraits Texas Rangers Mary and Her Garden. Tone Portraits Vidacrin Laboratories Little Orphan Annie. Alvino Rey, Guitar. Town Topics	Musical Program. Family Cook Book. Recordings. Dance Masters. Harry Stanton, Bass Texas Rangers Mary and Her Garden. C. Gardel Baritone. Vidacrin Laboratories Little Orphan Annie. C. Gardel Baritone. Town Topics	Studio Chatter. Dance Masters. Hodge Podge Lodge. Studio Chatter. Dance Masters. Hodge Podge Lodge. Mary and Her Garden. Melody Mixers. Vidacrin Laboratories Little Orphan Annie. Juvenile Program. Town Topics	Jack Denny, Orch. Stringwood Ensemble. Elder Michaux Cong. Religion in News. Tom Coakley, Orch. Elder Michaux Cong. Arlon Trio. Tom Coakley, Orch. Vidacrin Laboratories Little Orphan Annie. News Broadcast Tito Guizar.
Cantor and Rubinoff. Silhouettes. An Evening in Paris. Cantor and Rubinoff. Walter Beban's Orch. An Evening in Paris. Cantor and Rubinoff. Walter Beban's Orch. Waring's Pennsylvan's Cantor and Rubinoff. Henry M. Hyde Atr. Waring's Pennsylvan's	Dramatic Sketch. Stringwood Ensemble. Hawaiian Strings. Dramatic Sketch. News Broadcast. H Bar O Rangers. Billy Batchelor. Piano Pals. Bing Crosby. Little Orphan Annie. Carlos Molina Orch. Bing Crosby.	Stringwood Ensemble. Iokelp Program. Theatre of the Air. Leo Reisman's Orch. News Broadcast. H Bar O Rangers. Billy Batchelor. Arlon Trio. Charlie Lung's Gang. Little Orphan Annie. Peasant Band. Sports Authority	Miscellaneous. Irv. Kennedy, Tenor. NRA Speaker. Canzonetta. Children's Corner. H Bar O Rangers. Billy Batchelor. Song Thots. A. Spalding, Violin. Little Orphan Annie. Russo's Oriental Orch. A. Spalding, Violin.	Rudy Vallee, Orch. Canzonetta. Little Theatre of Air. Rudy Vallee, Orch. Iokelp Program. H Bar O Rangers. Rudy Vallee, Yankee Organ Concert. Charlie Lung's Gang. Rudy Vallee, Orch. Behind the Footlights Musical Program.	Melody Mixers. Iokelp Program. To Be Announced. Melody Mixers. News Broadcast. H Bar O Rangers. Billy Batchelor. Josef Hornik, Orch. March of Time Little Orphan Annie. Ross, Dog Stories. March of Time	Stringwood Ensemble. Art in America. Dance Music. Stringwood Ensemble. Art in America. To Be Announced. Billy Batchelor. Boston Symphony. To Be Announced. Little Orphan Annie. Boston Symphony. Trade and Mark.
Man, Merry-G-ound Gunnar Johansen Seven Star Revue. Man, Merry-G-ound Gunnar Johansen Seven Star Revue. Album Familiar Music. Paul Carson, Organ. Seven Star Revue. Album Familiar Music. Paul Carson, Organ. Seven Star Revue.	Eileen Piggot. Organ Concert. L. Stokowski Orch. Chester Rowell. Organ Concert. Andre Kostelanetz. Dobbie Ship of Joy Society First. The Big Show. Dobbie, Ship of Joy Deeds, Black and Blue. The Big Show.	Doric Quartet. Canzonetta. L. Stokowski Orch. Doric Quartet. Historical Sketches. Alexander Woolcott. Texaco Fire Chief. Nite Club. George Jesse. Texaco Fire Chief. Walter Beban's Orch. Rocket Gasoline.	Ipapa Troubadours. Arlon Trio. L. Stokowski Orch. Ipapa Troubadours. Nite Club. To Be Announced. John McCormack. Clegg Dwellers. Burns, Allen, Lombardo John McCormack. Deeds, Black and Blue. Burns, Allen, Lombardo	Maxwell House. Arlon Trio. L. Stokowski Orch. Maxwell House. Arlon Trio. Andre Kostelanetz. Maxwell House. Business Talk. Andre Kostelanetz. Maxwell House. Marshall's Mavericks Waring's Penns'lan'n	Phil Harris, Orch. Musical Program. L. Stokowski Orch. Phil Harris, Orch. Musical Program. Alexander Woolcott. Phil Baker, Armour Musical Program. Melodic Strings. Phil Baker, Armour Deeds, Black and Blue. Melodic Strings.	Boston Symphony. Melody Mixers. L. Stokowski Orch. Boston Symphony. Melody Mixers. Stoopnagle and Budd. Boston Symphony. Melody Mixers. Baldwin McGaw. Boston Symphony. Melody Mixers. Baldwin McGaw.
Chevrolet Program. Knickerbocker Quar. Angelo Patri. Chevrolet Program. Personal Close-Ups. Angelo Patri. Hall of Fame. Rainbow Harmonies. The Merry-makers. Hall of Fame. Rainbow Harmonies. The Merry-makers.	Contented Program. Southern Harmony. Wayne King's Orch. Contented Program. Tarzan of the Apes. Wayne King's Orch. Demi-Tasse Revue. Dr. Miles Program. Columbia News Service. Demi-Tasse Revue. Stanford U. Program. Myrt and Marge.	Seth Parker. Flori and Lev Shorr. Camel Caravan. Seth Parker. Flori and Lev Shorr. Camel Caravan. Madame Sylvia. South, Harmony Four. Jeffrey Giff, Tenor. Caswell Concert. Chamber of Com. Myrt and Marge.	Corn Cob Pipe Club. Edna Fischer, Piano. Ted Fio Rito's Orch. Corn Cob Pipe Club. Tarzan of the Apes. Ted Fio Rito Orch. Nat. Radio Forum. Dr. Miles Program. Ted Fio Rito Orch. Nat. Radio Forum. Agriculture Today. Myrt and Marge.	Paul Whiteman, Orch. Marshall's Mavericks. Camel Caravan. Paul Whiteman, Orch. Political Address. Camel Caravan. Paul Whiteman, Orch. Song Personalities. Columbia News Service. Paul Whiteman, Orch. Song Personalities. Myrt and Marge.	First Nighter. Sport's Revue. Swift Revue. First Nighter. Tarzan of the Apes. Swift Revue. One Man's Family. Dr. Miles Program. Columbia News Service. One Man's Family. Hard Instrumentalists. Myrt and Marge.	B. A. Rolfe, Orch. Educational Program. Byrd Expedition. B. A. Rolfe, Orch. Clegg Dwellers. Byrd Expedition. B. A. Rolfe, Orch. Bal Tabarin Orch. Columbia News Service. B. A. Rolfe, Orch. Bal Tabarin Orch. H. V. Kaitenborn.
Miscellaneous. Rudy Seiger's Orch. The Merry-makers. Walter Winnell. Rudy Seiger's Orch. The Merry-makers. Death Valley Days. The Master Singers. Ace Brigade Orch. Death Valley Days. The Master Singers. Ace Brigade Orch.	Amos 'n' Andy. Edna Fischer, Piano. Shell Show. Poet Prince. Dramatic Sketch. Shell Show. Voice of Firestone. Magnolia Minstrels. Shell Show. Voice of Firestone. Magnolia Minstrels. Shell Show.	Amos 'n' Andy. N. La Salle, Songs Harlem Serenaders. Memory Lane. Holly, Looking Glass Musical Program. Memory Lane. Meredith Willson Orch. Mellow'd Melodies. Adven. in Health. Meredith Willson Orch. Voice of Experience.	Amos 'n' Andy. N. LaSalle, Songs. Andre Kostelanetz. Sing Sing Program. Red Davis Sketch. 5 Spirits of Harmony Sing Sing Program. Stringwood Ensemble. Edwin C. Hill News Winning the West. Stringwood Ensemble. Buccaneers	Amos 'n' Andy. Josef Hornik Orch. California Melodies. Standard Symphony. Josef Hornik Orch. California Melodies. Standard Symphony. Eino Crime Clues. Edwin C. Hill, New Standard Symphony. Eino Crime Clues. Isham Jones, Orch.	Amos 'n' Andy. Hart Instrumentalists. Mary Eastman, Sopr. Gilmore Circus. Red Davis, Sketch. Mellow'd Melodies. Gilmore Circus. Eino Crime Clues. Edwin C. Hill, New Gilmore Circus. Eino Crime Clues. Isham Jones, Orch.	Variety Program. Musical Program. Guy Lombardo Orch. Variety Program. Musical Program. Guy Lombardo Orch. Musical Program. Ted Fio Rito Orch. Musical Program. Ted Fio Rito Orch.
Reader's Guide. Musical Program. Ted Fio Rito's Orch. Reader's Guide. Musical Program. Ted Fio Rito's Orch. Bal Tabarin Orch. U. of C. Program. Ted Fio Rito's Orch. Carlos Molina Orch. U. of C. Program. Ted Fio Rito's Orch.	Sealed Power Show. NBC Drama Hour. Raymond Paige, Orch. Sealed Power Show. NBC Drama Hour. Raymond Paige, Orch. Memory Box. Meredith Willson Orch. Little Jack Little. Harry Sosnick's Orch. Meredith Willson Orch. Little Jack Little.	Ben Bernie's Orch. Musical Program. Hermie King, Orch. Ben Bernie's Orch. Musical Program. Hermie King, Orch. Melody Mixers. Harry Sosnick's Orch. Hodge Podge Lodge. Melody Mixers. Police Chief Quinn. Hodge Podge Lodge.	Winning the West. Phil Harris, Orch. Sports Parade. Phil Harris, Orch. Book Parade. Sports Parade. Sal Hepatica Revue. Seven Seas. Hermie King, Orch. Sal Hepatica Revue. Seven Seas. Hermie King, Orch.	Standard Symphony. George Olsen, Orch. Blue Monday Jamb'ree. Knickerbocker Quartet. George Olsen, Orch. Blue Monday Jamb'ree. Waltz Time. Dancing, Twin Cities. Blue Monday Jamboree. Waltz Time. Dancing, Twin Cities. Blue Mon Jamboree.	Gilmore Circus. Cotton Club Orch. Hermie King, Orch. Ted Weems' Orch. Stringwood Ensemble. Hermie King, Orch. Memory Box. Tom Coakley, Orch. Catherine the Great. Harry Sosnick's Orch. Big Ten Program. Catherine the Great.	Hollywood on the Air. Musical Program. Hermie King, Orch. Hollywood on the Air. Musical Program. Hermie King, Orch. Carefree Carnival. Herbert Kay Orch. Abe Lyman, Orch. Carefree Carnival. Herbert Kay Orch. Abe Lyman, Orch.
Richfield News Flashes Smith Ballwey Orch. News Editor of Air. Paul Carson, Organ. Smith Ballwey Orch. Griff Williams' Orch. Paul Carson, Organ. On Wings of Music. Griff Williams' Orch. Paul Carson, Organ. On Wings of Music. Griff Williams' Orch.	Richfield News Flashes Piano Pictures. News Editor of Air. Herbert Kay, Orch. Musical Program. Bill Fleck Orch. Herbert Kay, Orch. Pacific Serenaders. Jack Ross Roundup. Herbert Kay Orch. Pacific Serenaders. Jack Ross Roundup.	Richfield News Flashes Pacific Serenaders. News Editor of Air. Herbert Kay, Orch. Pacific Serenaders. Ted Fio Rito's Orch. Herbert Kay, Orch. Pacific Serenaders. Ted Fio Rito Orch. Herbert Kay, Orch. Pacific Serenaders. Bill Fleck Orch.	Richfield News Flashes Marshall's Mavericks. News Editor of Air. Herbert Kay, Orch. Financial Review. Ted Fio Rito's Orch. Herbie Kay Orch. Pacific Serenaders. Bill Fleck Orch. Herbert Kay, Orch. Pacific Serenaders. Bill Fleck Orch.	Richfield News Flashes. Walter Beban's Orch. News Editor of Air. Bal Tabarin Orch. Walter Beban's Orch. Ted Fio Rito's Orch. Herbert Kay, Orch. Josef Hornik Orch. Bill Fleck Orch. Herbert Kay, Orch. Josef Hornik Orch. Bill Fleck Orch.	Richfield News Flashes. Musical Program. News Editor of Air. Herbert Kay Orch. Musical Program. Ted Fio Rito Orch. Herbert Kay Orch. Musical Program. Bill Fleck, Orch. Herbert Kay Orch. Musical Program. Bill Fleck, Orch.	Carefree Carnival. Hard Instrumentalists. News Editor of Air. Carefree Carnival. Hard Instrumentalists. Ted Fio Rito Orch. Club Villa Orch. Paul Carson, Organ. Bill Fleck, Orch. Club Villa Orch. Paul Carson, Organ. Bill Fleck, Orch.
Tom Coakley's Orch. Midnight Melodies. Ted Fio Rito's Orch. Tom Coakley's Orch. Midnight Melodies. Ted Fio Rito's Orch. Tom Coakley's Orch. Midnight Melodies. Bill Fleck Orch. Tom Coakley's Orch. Midnight Melodies. Bill Fleck Orch.	Guy Lombardo Orch. Guy Lombardo Orch. Jack Ross Roundup. Guy Lombardo Orch. Guy Lombardo Orch. Jack Ross Roundup. Stringwood Ensemble. Organ Concert. Bill Fleck Orch. Stringwood Ensemble. Organ Concert. Bill Fleck Orch.	Guy Lombardo Orch. Tom Coakley's Orch. Jimmy Grier's Orch. Guy Lombardo Orch. Tom Coakley's Orch. Jimmy Grier's Orch. Bal Tabarin Orch. Organ Concert. Bill Fleck Orch. Bal Tabarin Orch. Organ Concert. Bill Fleck Orch.	Guy Lombardo Orch. Tom Coakley, Orch. Jimmy Grier, Orch. Guy Lombardo Orch. Tom Coakley, Orch. Jimmy Grier, Orch. Bal Tabarin Orch. Organ Concert. Bill Fleck Orch. Bal Tabarin Orch. Organ Concert. Bill Fleck Orch.	Guy Lombardo Orch. Tom Coakley, Orch. To Be Announced. Guy Lombardo Orch. Tom Coakley's Orch. To Be Announced. Bal Tabarin Orch. Organ Concert. Bill Fleck Orch. Bal Tabarin Orch. Organ Concert. Bill Fleck Orch.	Guy Lombardo Orch. Tom Coakley, Orch. Ted Fio Rito Orch. Guy Lombardo Orch. Tom Coakley, Orch. Ted Fio Rito Orch. Bal Tabarin Orch. Organ Concert. Bill Fleck Orch. Bal Tabarin Orch. Organ Concert. Bill Fleck Orch.	Guy Lombardo Orch. To Be Announced. Tom Coakley, Orch. Guy Lombardo Orch. Tom Coakley, Orch. To Be Announced. Emil Polak, Orch. Organ Recital. Bill Fleck Orch. Emil Polak, Orch. Organ Recital. Bill Fleck Orch.

This table covers six hours of evening broadcasting for each day of the week, each day being in a vertical panel and the six hours of each day are in black horizontal panels, from six to midnight New York time (3 to 9 Pacific Coast). Consider only the time in your own time zone.

IF YOU LIVE IN NORTH AMERICA, HERE'S YOUR

EVENING PROGRAM

SIX HOURS OF NETWORK RELEASES IN ALL ZONES

Each hour is divided into quarter hour periods and each of the four transcontinental broadcasts running simultaneously, are listed—the Blue and Red networks of NBC, the Columbia and the CRB of Canada. The origin of each program is at the left; the zones at the right.

In this column time is shown in five zones, each hour divided into quarter hour periods and each of these showing the four chains whose programs are listed on these pages.

76543:00

Atlantic Time...
Eastern Time...
Central Time...
Mountain Time...
Pacific Time...

87654:00

Atlantic Time...
Eastern Time...
Central Time...
Mountain Time...
Pacific Time...

98765:00

Atlantic Time...
Eastern Time...
Central Time...
Mountain Time...
Pacific Time...

109876:00

Atlantic Time...
Eastern Time...
Central Time...
Mountain Time...
Pacific Time...

1110987:00

Atlantic Time...
Eastern Time...
Central Time...
Mountain Time...
Pacific Time...

12111098:00

Atlantic Time...
Eastern Time...
Central Time...
Mountain Time...
Pacific Time...

SUNDAY EVENING PROGRAMS

Origin	TITLE	Zones
NY...	Cadillac Concerts.....	BandC
NY...	Catholic Hour.....	ECMP
NY...	Songs My Mother Sang.....	BandC
Ont.	Origin of Our Indians.....	AtOP
NY...	Cadillac Concerts.....	BandC
NY...	Catholic Hour.....	ECMP
NY...	Songs My Mother Sang.....	BandC
Tor.	Leonard Wooley, Vocal Recital.....	AndE
NY...	Cadillac Concerts.....	BandC
NY...	Our American School.....	ECMP
NY...	Smiling Ed McConnell.....	BandC
Hal.	Atlantic Nocturne.....	AndE
NY...	Cadillac Concerts.....	BandC
NY...	Our American School.....	ECMP
NY...	Charles Carille, Tenor.....	BandC
Hal.	Atlantic Nocturne.....	AndE

Chi.	Ted Weems' Orchestra.....	ECMP
NY...	Dramatic Sketch.....	BandC
NY...	The American Revue.....	ECMP
Mon.	Le Vieil Album.....	AndE
Chi.	Ted Weems' Orchestra.....	ECMP
NY...	Dramatic Sketch.....	BandC
NY...	Ace Brigade Orchestra.....	ECMP
Mon.	Le Vieil Album.....	AndE
NY...	The Bakers' Broadcast.....	ECMP
NY...	Dramatic Sketch.....	BandC
NY...	H. V. Kaltenborn.....	ECMP
Mon.	Masters of Music.....	AndE
NY...	The Bakers' Broadcast.....	ECMP
NY...	The Fitch Program.....	BandC
NY...	Rin Tin Tin Thrillers.....	BandC
Mon.	Masters of Music.....	AndE

NY...	To Be Announced.....	BandC
NY...	Chase & Sanborn Hour.....	ECMP
NY...	Evening in Paris.....	ECMP
Ont.	Chateau Laurier.....	AECM
NY...	To Be Announced.....	BandC
NY...	Chase & Sanborn Hour.....	ECMP
NY...	Evening in Paris.....	ECMP
Ont.	Chateau Laurier.....	AECM
NY...	To Be Announced.....	BandC
NY...	Chase & Sanborn Hour.....	ECMP
NY...	Dramatic Guild.....	ECMP
NY...	Angelus Vocal Ensemble.....	AtOP
NY...	To Be Announced.....	BandC
NY...	Chase & Sanborn Hour.....	ECMP
NY...	Dramatic Guild.....	ECMP
NY...	Angelus Vocal Ensemble.....	AtOP

NY...	Gulf Headliners.....	BandC
NY...	Manhattan Merry-Go-Round.....	ECMP
NY...	The Seven Star Revue.....	ECMP
NY...	Operetta.....	AtOP
NY...	Gulf Headliners.....	BandC
NY...	Manhattan Merry-Go-Round.....	ECMP
NY...	The Seven Star Revue.....	ECMP
NY...	Operetta.....	AtOP
NY...	Walter Winchell.....	BandC
NY...	American Album Familiar Music.....	ECMP
NY...	The Seven Star Revue.....	ECMP
NY...	Operetta.....	AtOP
NY...	Nat Shilkret, Orchestra.....	BandC
NY...	American Album Familiar Music.....	ECMP
NY...	The Seven Star Revue.....	ECMP
NY...	Operetta.....	AtOP

NY...	To Be Announced.....	BandC
NY...	Chevrolet Program.....	ECMP
NY...	"Patri's Drama Of Childhood".....	ECMP
Win.	Artist Series.....	AtOP
NY...	To Be Announced.....	BandC
NY...	Chevrolet Program.....	ECMP
NY...	The Meistersingers.....	ECMP
Win.	Artist Series.....	AtOP
NY...	C. Gardel, Baritone.....	BandC
NY...	Hall of Fame.....	ECMP
NY...	Conclave of Nations.....	ECM
Win.	Artists Series.....	AtOP
NY...	C. Gardel, Baritone.....	BandC
NY...	Hall of Fame.....	ECMP
NY...	Conclave of Nations.....	ECM
Mon.	Mendelssohn Choir.....	AtOP

NY...	Girls Harmony Trio.....	BandC
NY...	To Be Announced.....	BandC
NY...	Little Jack Little.....	ECM
Reg.	Twilight Echoes From the Fires.....	ECMP
Chi.	Ennio Bolognini.....	BandC
NY...	John Fogarty, Tenor.....	BandC
Reg.	Twilight Echoes From the Fires.....	ECMP
NY...	Buddy Rogers Orchestra.....	BandC
NY...	Master Singers.....	BandC
NY...	Henry Busse Orchestra.....	ECMP
NY...	To Be Announced.....	BandC
NY...	Buddy Rogers Orchestra.....	BandC
NY...	Master Singers.....	BandC
NY...	Henry Busse Orchestra.....	ECMP
NY...	To Be Announced.....	ECM

MONDAY EVENING PROGRAMS

Origin	TITLE	Zones
Wash. U. S. Army Band		BandC
NY	Xavier Cugat's Orchestra	ECMP
	Buck Rogers in 25th Century	ECMP
Wash. U. S. Army Band		BandC
NY	Xavier Cugat's Orchestra	ECMP
Chi.	Al and Pete	ECM
NY	Three X Sisters	BandC
Chi.	Irene Beasley	BandC
	Enoch Light's Orchestra	BandC
Que.	Musicale	AndE
	Lowell Thomas; News	BandC
Sch.	Horseshoe Philosophy	ECMP
	Enoch Light Orchestra	BandC
Que.	Musicale	AndE

Chi.	Amos 'n' Andy.....	BandC
NY...	Piano Duo.....	BandC
Chi.	Myrt and Marge.....	BandC
Tor.	Organ Recital.....	AndE
NY...	Baby Rose Marie, Songs.....	ECMP
NY...	Billy Batchelor.....	BandC
NY...	Vincent Travers Orchestra.....	BandC
Tor.	Organ Recital.....	AndE
NY...	Potash and Perlmutter.....	BandC
NY...	The Mollie Show.....	BandC
NY...	Music on the Air.....	ECMP
NY...	Conservatory String Quartet.....	AndE
NY...	Mme. Frances Alda.....	ECMP
NY...	The Goldbergs.....	BandC
NY...	Boake Carter, News.....	BandC
Tor.	Conservatory String Quartet.....	AndE

Chi.	Sealed Power Side Show.....	BandC
NY...	Socoyland Sketches.....	ECMP
NY...	Happy Bakers.....	BandC
NY...	Al Oliver's Hawaiians.....	AECM
Chi.	Sealed Power Side Show.....	BandC
NY...	Socoyland Sketches.....	ECMP
NY...	Edwin C. Hill, News.....	BandC
NY...	Al Oliver's Hawaiians.....	AECM
NY...	Dier Kiss Recital.....	BandC
NY...	The Voice of Firestone.....	ECMP
NY...	Bing Crosby.....	AECM
Tor.	Music, Chatter and Song.....	ECMP
NY...	Red Davis, Dramatic Sketch.....	BandC
NY...	The Voice of Firestone.....	ECMP
NY...	Bing Crosby.....	ECMP
Tor.	Music, Chatter and Song.....	AECM

NY...	Sinclair Greater Minstrels.....	ECM
NY...	A & P Gypsies.....	BandC
NY...	L. Stokowski, Philadelphia Orch.....	ECMP
Tor.	Gaiety and Romance.....	AtOP
NY...	Sinclair Greater Minstrels.....	ECM
NY...	A & P Gypsies.....	BandC
NY...	Andre Kostelanetz, Orchestra.....	ECMP
Tor.	Gaiety and Romance.....	AtOP
NY...	Jack Frost's Melody Moments.....	BandC
NY...	Capt. Dobbsie, Ship of Joy.....	ECMP
NY...	The Big Show.....	ECMP
Tor.	Gaiety and Romance.....	AtOP
NY...	Jack Frost's Melody Moments.....	BandC
NY...	Capt. Dobbsie, Ship of Joy.....	ECMP
NY...	The Big Show.....	ECMP
Tor.	Gaiety and Romance.....	AtOP

NY...	To Be Announced.....	BandC
NY...	Contented Program.....	ECMP
NY...	Wayne King's Orchestra.....	ECMP
NY...	Herring Marimba Band.....	AndE
NY...	To Be Announced.....	BandC
NY...	Contented Program.....	ECMP
NY...	Wayne King's Orchestra.....	ECMP
NY...	Herring Marimba Band.....	AndE
NY...	Henri Deering, Piano.....	BandC
NY...	Kay-Seven.....	BandC
NY...	Columbia News.....	ECM
Reg.	Moonlight on the River.....	AtOP
NY...	Father Finn, Choral Music.....	BandC
NY...	Kay-Seven.....	BandC
NY...	Myrt and Marge.....	ECMP
Reg.	Moonlight on the River.....	AtOP

Chi.	Amos 'n' Andy.....	CMP
NY...	John B. Kennedy.....	BandC
NY...	Harlem Serenade.....	BandC
Win.	Inter-University Debates.....	ECMP
NY...	The Post Prince.....	BandC
NY...	Ted Weems Orchestra.....	BandC
NY...	Boswell Sisters.....	ECMP
Edm.	The Call of the North.....	ECMP
Chi.	Phil Harris Orchestra.....	BandC
Chi.	Clyde Lucas Orchestra.....	ECMP
Edm.	Call of the North.....	ECMP
NY...	Phil Harris Orchestra.....	BandC
NY...	Clyde Lucas Orchestra.....	ECMP
NY...	Leon Belasco Orchestra.....	ECM

TUESDAY EVENING PROGRAMS

NY...	Stage Relief Broadcast.....	BandC
NY...	Mme. Frances Alda.....	ECMP
NY...	Buck Rogers in 25th Century.....	ECMP
NY...	To Be Announced.....	BandC
NY...	Mme. Frances Alda.....	ECMP
NY...	Buck Rogers in 25th Century.....	ECMP
Chi.	Al and Pete.....	ECM
NY...	The Ivory Stamp Club.....	ECMP
NY...	Mid-Week Hymn Sing.....	ECMP
NY...	Charles Carille, Tenor.....	BandC
Ham.	Carefree Harmony.....	AndE
NY...	Lowell Thomas; News.....	BandC
NY...	Cheerio Musical Mosaics.....	ECMP
NY...	"Little Italy".....	ECMP
Ham.	Carefree Harmony.....	AndE

Chi.	Amos 'n' Andy.....	BandC
NY...	Piano Duo.....	BandC
Chi.	Myrt and Marge.....	BandC
Tor.	Rex Battle's Orchestra.....	AndE
NY...	Radio in Education.....	ECMP
NY...	Billy Batchelor.....	BandC
NY...	The Canadians.....	BandC
Tor.	Rex Battle's Orchestra.....	AndE
NY...	Radio in Education.....	ECMP
NY...	Fox Fur Trappers Orchestra.....	BandC
NY...	Oliver Naylor Orchestra.....	BandC
Hal.	Inter-University Debates.....	AndE
NY...	Gus Van, Arlene Jackson.....	BandC
NY...	The Goldbergs.....	BandC
NY...	Boake Carter, News.....	BandC
Hal.	Inter-University Debates.....	AndE

NY...	Eno Crime Clues.....	BandC
NY...	Leo Reisman Orchestra.....	ECMP
NY...	The Columbians.....	ECM
Mon.	Chas. Dornberger's Orchestra.....	AndE
NY...	Eno Crime Clues.....	BandC
NY...	Leo Reisman Orchestra.....	ECMP
NY...	Edwin C. Hill, News.....	BandC
Mon.	Chas. Dornberger's Orchestra.....	AndE
NY...	Horlick's Adventures in Health.....	BandC
NY...	Lady Esther Serenade.....	BandC
NY...	Voice of Experience.....	BandC
Tor.	Dance Moods.....	AndE
NY...	Peasant Band.....	BandC
NY...	Lady Esther Serenade.....	BandC
NY...	Fray and Braggiotti.....	ECMP
Tor.	Dance Moods.....	AECM

Chi.	Musical Memories.....	BandC
Chi.	Ben Bernie's Orchestra.....	ECM
Win.	Seville Fair.....	AtOP
NY...	Musical Memories.....	BandC
NY...	Ben Bernie's Orchestra.....	ECM
NY...	The Town Crier.....	ECMP
Win.	Seville Fair.....	AtOP
NY...	Eddie Duchin Orchestra.....	BandC
NY...	Texaco Fire Chief Program.....	ECMP
NY...	George Jessel.....	ECMP
Mon.	Gems from the Lyric Stage.....	AtOP
NY...	Eddie Duchin Orchestra.....	BandC
NY...	Texaco Fire Chief Program.....	ECMP
NY...	George Jessel.....	ECMP
Mon.	Gems from the Lyric Stage.....	AtOP

NY...	Sunshine Cruise.....	ECMP
Rich.	Cruise of the Seth Parker.....	ECMP
NY...	The Camel Caravan.....	ECMP
Mon.	Revens c'est l'heure.....	AndE
NY...	Sunshine Cruise.....	ECMP
NY...	Cruise of the Seth Parker.....	ECMP
NY...	The Camel Caravan.....	ECMP
Mon.	Revens c'est l'heure.....	AndE
NY...	To Be Announced.....	BandC
NY...	Madame Sylvia of Hollywood.....	ECMP
NY...	Columbia News Service.....	ECM
Mon.	Maurice Meerte's Orchestra.....	AtOP
NY...	To Be Announced.....	BandC
NY...	Jerry Sears Orchestra.....	BandC
NY...	Myrt and Marge.....	ECMP
Mon.	Maurice Meerte's Orchestra.....	AtOP

NY...	Amos 'n' Andy.....	CMP
NY...	John B. Kennedy.....	BandC
NY...	Harlem Serenade.....	BandC
Win.	Inter-University Debates.....	ECMP
NY...	The Post Prince.....	BandC
NY...	Ted Weems Orchestra.....	BandC
NY...	Boswell Sisters.....	ECMP
Win.	Inter-University Debates.....	ECMP
NY...	Richard Himber Orchestra.....	BandC
NY...	Paul Whiteman Orchestra.....	BandC
NY...	Ozzie Nelson's Orchestra.....	ECMP
Win.	Inter-University Debates.....	ECMP
NY...	Richard Himber Orchestra.....	BandC
NY...	Paul Whiteman Orchestra.....	BandC
NY...	Ozzie Nelson's Orchestra.....	ECMP

WEDNESDAY EVENING PROGRAMS

Phil.	Westminster Choir.....	BandC
NY...	Xavier Cugat's Orchestra.....	ECMP
NY...	Buck Rogers in 25th Century.....	ECMP
Phil.	Westminster Choir.....	BandC
NY...	Xavier Cugat's Orchestra.....	ECMP
NY...	Buck Rogers in 25th Century.....	ECMP
Chi.	Irene Beasley.....	BandC
NY...	George R. Holmes, News.....	ECMP
NY...	Enoch Light's Orchestra.....	BandC
Ont.	Children's Corner.....	AndE
Chi.	Lowell Thomas; News.....	BandC
NY...	Cheerio Musical Mosaics.....	BandC
NY...	Tito Guizar, Mexican Tenor.....	ECMP
Ont.	Children's Corner.....	AndE

Chi.	Amos 'n' Andy.....	ECMP
NY...	Mary Small, Juvenile Songs.....	BandC
Chi.	Myrt and Marge.....	BandC
Tor.	Beautiful Lady.....	AndE
NY...	Gems of Melody.....	BandC
NY...	Billy Batchelor.....	ECMP
NY...	Vincent Travers' Orchestra.....	BandC
Mont.	Beautiful Lady.....	AndE
NY...	Potash and Perlmutter.....	BandC
NY...	The Mollie Show.....	BandC
NY...	Oliver Naylor's Orchestra.....	BandC
Phil.	Broncho Busters.....	BandC
Char.	Maritime Presentations.....	AndE
NY...	Irene Rich in Hollywood.....	BandC
NY...	The Goldbergs.....	BandC
NY...	Boake Carter, News.....	BandC
Char.	Maritime Presentations.....	AndE

NY...	Eno Crime Clues.....	BandC
NY...	The Royal Gelatine Review.....	BandC
NY...	Happy Bakers.....	BandC
NY...	The Serenaders.....	AECM
NY...	Eno Crime Clues.....	BandC
NY...	The Royal Gelatine Review.....	BandC
NY...	Edwin C. Hill, News.....	BandC
NY...	The Serenaders.....	AECM
NY...	Dangerous Paradise.....	BandC
NY...	Lady Esther Serenade.....	BandC
NY...	Albert Spalding, Violin.....	ECMP
Ont.	Studio Presentation.....	AndE
NY...	Red Davis, Dramatic Sketch.....	BandC
NY...	Lady Esther Serenade.....	BandC
NY...	Albert Spalding, Violin.....	ECMP
Ont.	Studio Presentation.....	AECM

NY...	Warden Lawes, Dramatic Sketch.....	BandC
NY...	The Ipana Troubadors.....	ECMP
NY...	L. Stokowski, Philadelphia Orch.....	ECMP
Mont.	Une heure pres de vous.....	AtOP
NY...	Warden Lawes, Dramatic Sketch.....	BandC
NY...	The Ipana Troubadors.....	ECMP
NY...	Andre Kostelanetz, Orchestra.....	ECMP
Mont.	Une heure pres de vous.....	AtOP
NY...	John McCormack, Tenor.....	ECMP
NY...	Fred Allen's Revue.....	BandC
NY...	Los Angeles Guy Lombardo's Orchestra.....	ECMP
Mont.	Une heure pres de vous.....	AtOP
NY...	John McCormack, Tenor.....	ECMP
NY...	Fred Allen's Revue.....	BandC
NY...	Los Angeles Guy Lombardo's Orchestra.....	ECMP
Mont.	Une heure pres de vous.....	AtOP

Chi.	Vincent Lopez Orchestra.....	Opus
Rich.	Corn Cob Pipe Club.....	ECMP
NY.....	Old Gold Program.....	ECMP
Ott.	Echoes from the Old World.....	Aandl
Chi.	Vincent Lopez Orchestra.....	BandC
Rich.	Corn Cob Pipe Club.....	ECMP
NY.....	Old Gold Program.....	ECMP
Ott.	Echoes from the Old World.....	Aandl
	To Be Announced.....	BandC
Wash.	National Radio Forum.....	ECMP
NY.....	Columbia News Service.....	ECM
Ott.	Joe De Courcy's Orchestra.....	ECMP
	To Be Announced.....	BandC
Wash.	National Radio Forum.....	ECMP
Chi.	Myrt and Marje.....	CMF
Ott.	Joe De Courcy's Orchestra.....	ECMP

Airline Distances

(Western Hemisphere)

TABLE NO. 2

It is possible to arrange only a limited number of cities in a distance table, for quick finding and on this page is a table that is one of a series that embraces

No. 1: United States-Canada Distances

No. 2: Western Hemisphere Distances

No. 3: Eastern Hemisphere Distances

No. 4: All-World Distances

It will be noted that 48 cities are included in this chart and the arrangement places 48 on each side and 24 each on top and bottom. The diagonal row of hands in the upper and lower halves divides the figures applying to the cities at the left and those at the right.

FROM TO	FROM TO
Anchorage, Alas.	3375 3984 4811 2410 6545 541 2708 4820
Bogota, Col'mbia	2275 1586 1955 3492 1076 4949 5729 805
Boston, Mass.	2016 1314 2299 2595 3750 2926 5104 2477
Bowmanville, O.	1758 1279 2090 2213 3784 2594 5972 2447
Buenos Aires, Ar.	5000 4375 4583 6111 1944 7673 7569 3472
Calgary, Alta.	1912 2495 2361 1231 4826 984 3107 3301
Caracas, Venzu'la	2391 1408 2176 3596 1597 4875 6007 1156
Chicago, Ill.	1328 1215 1697 1738 3750 2336 4166 2262
Cincinnati, Ohio	1303 984 1629 1887 3524 2588 4444 2066
C. Juarez, Mex.	559 1635 977 701 3524 2311 3264 2059
Denver, Colo.	1008 1728 1463 835 3941 1857 3316 2422
Drum'ndville, Q.	2109 1537 2422 2533 3923 2723 4960 2693
Edmonton, Alta.	2096 2800 2545 1470 4896 885 3194 3461
Guatemala, Guat.	990 1014 639 2171 2083 3787 4444 539
Halifax, N. S.	2428 1678 2705 2945 3941 3092 5399 2834
Havana, Cuba	1137 258 1082 2275 2413 3566 4791 928
Heredia, C. Rica	1506 1168 1162 2711 1545 4279 4878
Honolulu, Hawaii	3611 4843 3767 2500 5972 2778 848
Juneau, Alaska	2828 3473 3270 1893 5764 5451 977
Lima, Peru	3055 2569 2639 4201 2699 4618 2195
Los Angeles, Cal.	1217 2330 1568 3472 2902 4861 2256
Mexico City, Mex.	455 1266 2459 3611 2914 4982 2318
Miami, Fla.	1242 922 1679 2969 2902 4201 1451
Monterrey, Mex.	1481 2330 2459 3889 2926 4861 2527
Montevideo, Ur.	5069 4444 4652 5052 1962 7760 7673 3507
Montreal, Que.	5069 2023 689 1844 1752 1555 1795 2336
New Orleans, La.	4722 1420 2459 2381 2130 2963 3529
New York, N. Y.	5277 350 1118 3472 3541 2083 781
Philadelphia, Pa.	5208 412 110 86 2699 4168 5121
Pittsburgh, Pa.	5330 485 934 319 258 5451 5451
Port au Pr., Haiti	3802 1998 1334 1648 1592 1594 848
Quito, Ecuador	2778 3326 2275 3043 2920 2926 1408
Reykjavik, Ice.	7043 2311 3713 2613 2680 2785 4168 5539
Reynosa, Mex.	5000 1936 572 1746 1654 1463 1672 2268
Rio de Janeiro	1076 5034 4739 4791 4739 4930 3472 3541
St. Johns, Nw.	5607 996 990 1143 1236 1426 2496 3964
St. Louis, Mo.	5486 975 607 877 811 558 1764 2723
San Francisco	6475 2540 1923 2810 2520 2260 3246 3867
San Jose, C. Rica	3507 2643 1457 2318 2244 2207 971 830
San Juan, P. Rico	3680 2102 1734 1764 1727 1850 486 1605
San Salvador, Sal.	3941 2428 1131 2133 2047 1967 1200 1242
S. Dom., D. Rep.	3767 1992 1488 1647 1592 1691 227 1525
Seattle, Wash.	6944 2272 2115 2444 2127 2132 3430 4279
Tegucigalpa, Hn.	3889 2391 1156 2184 1998 1936 947 1150
Toronto, Ont.	5555 309 1138 350 389 233 1875 3160
Vancouver, B. C.	6996 2310 2225 2444 2417 2190 3510 4395
Villa Acuna, Mex.	5277 1875 671 1734 1641 1432 1912 2662
Winnipeg, Man.	6319 1155 1450 1315 1302 1081 2630 3701
Winnipeg, Man.	6319 1155 1450 1315 1302 1081 2630 3701



FROM TO
Anchorage, Alas.
Bogota, Col'mbia
Boston, Mass.
Bowmanville, O.
Buenos Aires, Ar.
Calgary, Alta.
Caracas, Venz.
Chicago, Ill.
Cincinnati, Ohio
C. Juarez, Mex.
Denver, Colo.
Drum'ndville, Q.
Guatemala, Gua.
Halifax, N. S.
Havana, Cuba
Heredia, C. Rica
Honolulu, Hawaii
Juneau, Alaska
Lima, Peru
Los Angeles, Cal.
Mexico City, Mex.
Miami, Fla.
Monterrey, Mex.
Montevideo, Ur.
Montreal, Que.
New Orleans, La.
New York, N. Y.
Philadelphia, Pa.
Pittsburgh, Pa.
Port au Pr., Haiti
Quito, Ecuador
Reykjavik, Ice.
Reynosa, Mex.
Rio de Janeiro
St. Johns, Nw.
St. Louis, Mo.
San Francisco
San Jose, C. Rica
San Juan, P. Rico
San Salvador, Sal.
S. Dom., D. Rep.
Seattle, Wash.
Tegucigalpa, Hn.
Toronto, Ont.
Vancouver, B. C.
Villa Acuna, Mex.
Winnipeg, Man.

FROM TO
Anchorage, Alas.
Bogota, Col'mbia
Boston, Mass.
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Calgary, Alta.
Caracas, Venz.
Chicago, Ill.
Cincinnati, Ohio
C. Juarez, Mex.
Denver, Colo.
Drum'ndville, Q.
Guatemala, Gua.
Halifax, N. S.
Havana, Cuba
Heredia, C. Rica
Honolulu, Hawaii
Juneau, Alaska
Lima, Peru
Los Angeles, Cal.
Mexico City, Mex.
Miami, Fla.
Monterrey, Mex.
Montevideo, Ur.
Montreal, Que.
New Orleans, La.
New York, N. Y.
Philadelphia, Pa.
Pittsburgh, Pa.
Port au Pr., Haiti
Quito, Ecuador
Reykjavik, Ice.
Reynosa, Mex.
Rio de Janeiro
St. Johns, Nw.
St. Louis, Mo.
San Francisco
San Jose, C. Rica
San Juan, P. Rico
San Salvador, Sal.
S. Dom., D. Rep.
Seattle, Wash.
Tegucigalpa, Hn.
Toronto, Ont.
Vancouver, B. C.
Villa Acuna, Mex.
Winnipeg, Man.



ULTRA SHORT; ULTRA LONG

THE SHORT WAVES

This Line Illustrates a 6-Meter (50,000-Kilocycle) Wave Traveling 100 Cycles of 6 Meters Each or 600 Meters

This Line Illustrates a 60-Meter (5,000-Kilocycle) Wave Traveling 10 Cycles of 60 Meters Each or 600 Meters

This Line Illustrates a 100-Meter (3,000-Kilocycle) Wave Traveling 6 Cycles of 100 Meters Each or 600 Meters

THE LONG WAVES

This Line Illustrates a 200-Meter (1,500-Kilocycle) Wave Traveling 3 Cycles of 200 Meters Each or 600 Meters

This Line Illustrates a 300-Meter (1,000-Kilocycle) Wave Traveling 2 Cycles of 300 Meters Each or 600 Meters

This Line Illustrates one 600-Meter (500-Kilocycle) Wave for Purposes of Comparison

These lines are correct reproductions of the relative length of radio waves—from the ultra short (50,000 kilocycles) to the ultra long (500 kilocycles) just outside the broadcast band.

In North America, long wave broadcasting begins at 550 and ends at 1500 kilocycles; but in Europe, stations are assigned as high as 155 kilocycles. Short wave is generally known as the frequencies below 3000 kilocycles.

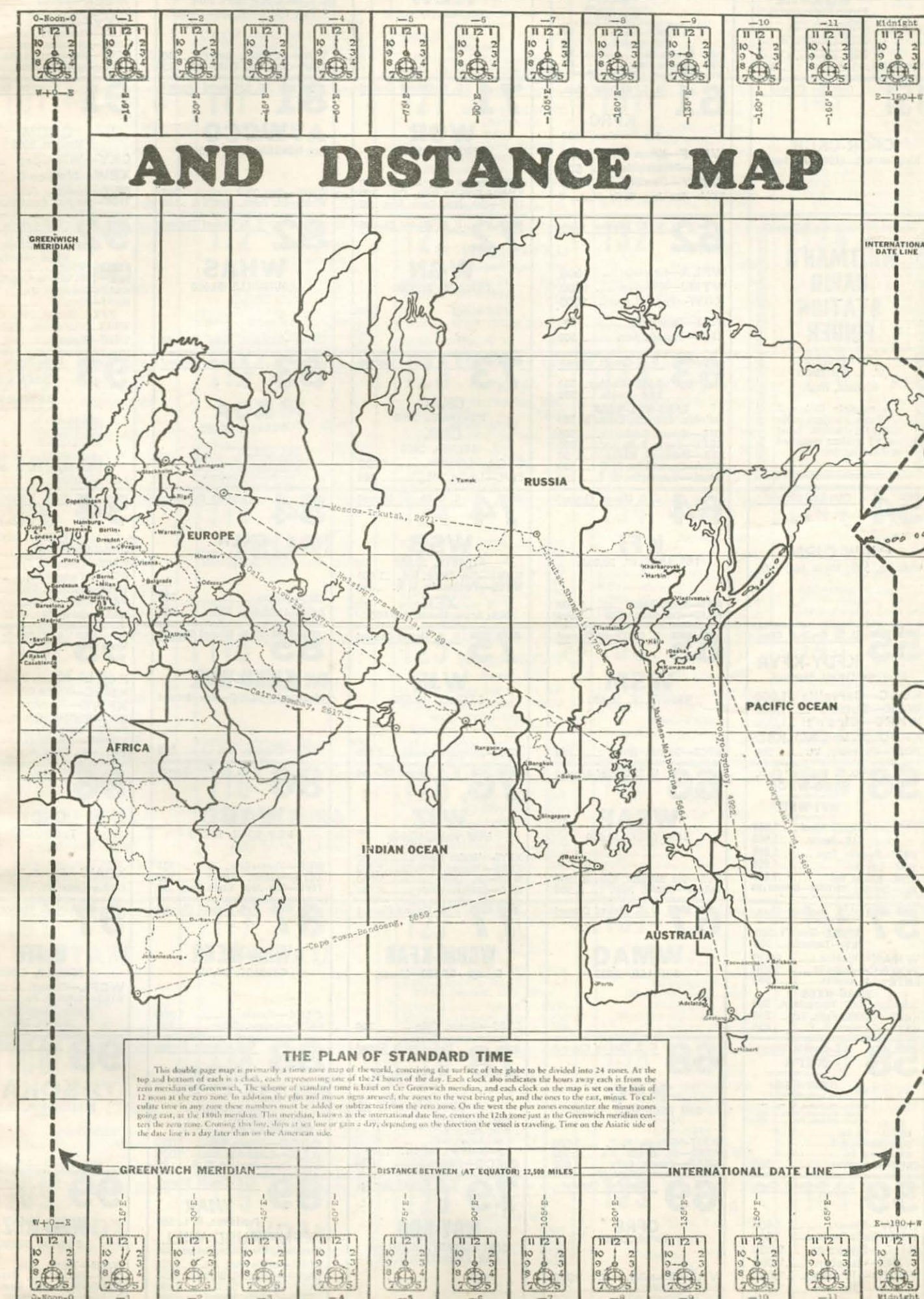
Why **[WAVE LENGTHS (METERS) DECREASE]** As
[FREQUENCIES (CYCLES) INCREASE]
Meters Multiplied By Cycles Must Equal
Distance the Wave Travels Per Second

As a kilocycle is equivalent to one thousand cycles, it will readily be seen that the ultra short wave illustrated at the top of this page, known as the 50,000 kilocycle wave, is in reality a 50,000,000 cycle wave, meaning that 50,000,000 is the number of cycles it makes in one second. As radio waves are known to travel 300,000,000 meters per second, it follows that a wave making 50,000,000 cycles per second must travel in cycles or waves of 6 meters each in order to travel at its given speed of 300,000,000 meters per second. This particular ultra-short wave is known either as a 50,000,000 cycle (or 50,000 kilocycles) wave, from the number of waves it makes a second, or as a 6-meter wave, the length of each wave so covered. Thus it is in each of the waves illustrated above. The number of cycles described by the wave multiplied by meters (the length of each wave) must equal the 300,000,000 meters each wave must travel in one second, bearing in mind that one kilocycle is the equivalent of 1,000 cycles. Thus do wavelengths (meters) and frequencies (kilocycles) increase and decrease conversely, not unlike the tall and the short man walking side by side. The latter takes more steps (kilocycles) but shorter ones (meters) than the tall man who takes fewer but longer steps and reaches his destination at the same time.

This illustration is presented, however, not to emphasize the theory of meter and kilocycle designation, but to illustrate the great difference between even the short waves themselves—the 100-meter wave and the ultra short 6-meter wave, which descends into an almost straight line of tiny pulsations.

So called short waves are below 100 meters and long waves, utilized for program broadcasting, above. Practically all broadcasting assignments are between the 500 kilocycle (600 meter) wave at the bottom and the 1500 kilocycle (200 meter) wave above, while practically all short wave broadcasting and commercial communications are carried on between the 6 and 100 meter bands.

It is interesting to note that the six waves, from the ultra-short to the ultra-long, actually travel the 600 meters as pictured above in a five hundred thousandth part of a second.



150 U. S. Local Channel
KREG-KDB
Santa Ana—100—Santa B.
WMOQ-WCWN-WVWL
Brooklyn, Brooklyn Woodside, 100
KNOW—Austin, Texas 100
KPM—Prescott, Ariz. 100
WKBB—East Dubuque, Ill. 100
WKBB—Ludington, Mich. 100
WMP—Lapeer, Mich. 100
WHSF—Binghamton, N. Y. 100
KPQ—Wenatchee, Wash. 100

151 Canadian Channel
CFCR-CKCR
Kingston, Ont. (100) .. Kitchener

**WHITMAN'S
RAPID
STATION
FINDER**
Copyright by
W. R. WHITMAN
Kirkland, Wash.
A complete listing of
all North American radio
stations by channels. Local
channel stations continued
on following page.

54 Canadian Channel
CJRW-CJRM
Winnipeg, 500; Moose Jaw, 1000

55 U. S. Regional Chan.
KFDY-KFYR
Brookings, (1000) .. Bismarck
KOAC—Corvallis 1,000
WGR—Buffalo 1,000
WKRC—Cinc'n'ti 1,000
KFUO—(St. Louis, 500) .. KSD
WDEV—Waterbury, Vt. 500

56 U. S. Regional Chan.
WIBO-WPCC
1,000—Chicago—500
WFI-WLIT
Philadelphia, 500
WQAM—Miami 1,000
WZ—Denver 1,000
WNOX—Knoxville, Tenn. 1,000
WIND—Gary, Ind. 1,000
KTAB—Oakland, Cal. 1,000
KQIZ—Springfield, 500 (KFDN—Burlington, 500)
KQIZ—Mexico, Mexico 500

57 U. S. Regional Chan.
WMCA—New York 500
KVI—Tacoma 500
WNAX—Yankton 1000
WVNC—Asheville 1000
KMTR—Los Angeles 500
WOSU-WKBN
Columbus, 1000; Youngstown, 500
KGKO—Wichita Falls, Tex. 250
WSYR—Syracuse, N. Y. 250

58 U. S. Canada Shared
XEPN
Tijuana, Mexico, 500
JIBW-KSAI
Tijuana, 1,000; Mexicali, 500
WOSU—Charleston, W. Va. 250
WAG—Worcester, Mass. 250
WBO—Orlando, Fla. 500
CKCL—St. Paul, Minn. 500
CKCA—Montreal, N. B. 500
CKMJ—Fredericton, N. B. 500
CKUA—Edmonton 500

59 U. S. Regional Chan.
CMW—Havana 1400
HIX—Santo Domingo 1000
KHQ—Spokane 1,000
WEEI—Boston 1,000
WKZO—K'lmaz 1,000
WOW—Omaha 1,000
CMDD—Havana, Cuba 150

60 U. S. Canada Shared
KFSD
San Diego, 1,000
CJOR
Victoria, B. C., 500
WMT
Victoria, B. C., 500
WCC-KCAC
Bridgeport, Conn. 500—Storrs, Conn.
WREC—Memphis 500
WRCF—Montreal 500
NCAO—Baltimore, Md. 250
FOB—Anchorage, Alaska 250
WRCF—Storrs, Conn. 500
WRCF—Storrs, Conn. 500

61 U. S. Regional Chan.
KFRC
San Francisco, 1000
WDAF—Kansas City 1000
WIP—Philadelphia 500
WJAY—Cleveland 500
TIXA—San Jose, Costa Rica 8

62 U. S. Regional Chan.
WFLA—Clearwater 1000
WTMJ—Milwaukee 1000
KGW—Portland, Ore. 1000
WLBZ—Bangor, Me. 500
KTAR—Phoenix, Ariz. 500

63 U. S. Canada Shared
CJGX—Yorkton 500
XEZ—Merida 500
KFRU-WOS-WGBF
Col'mbia, Jefferson, Evans'le, 500
CMQ—Havana, Cuba 500
KGFX—Pierre, S. D. 200
XEX—Monterrey, Mexico 50
CFXY—Charlottet'n, P. E. I. 500
WMAL—Washington, D. C. 250

64 U. S. Cleared Channel
KFI
LOS ANGELES, 50,000
WOL—Ames, Iowa 5,000
WAIU—Columbus, Ohio 500

65 U. S. Cleared Channel
WSM
NASHVILLE, 50,000
KPCB—Seattle, Wash. 100

66 U. S. Cleared Channel
WEAF
NEW YORK, 50,000
RUS—San Salvador, Salvador 500
WAAW—Omaha, Nebr. 500

67 U. S. Cleared Channel
WMAQ
CHICAGO, 5,000

68 U. S. Cleared Channel
KPO
SAN FRANCISCO, 50,000
WPTF—Raleigh, N. C. 5,000
KFEQ—St. Joseph Mo. 2,500
CMAF—Havana, Cuba 1,000

69 Canadian Channel
CFRB
Toronto, 5000
VAS—Glace Bay, N. S. 2000
XET—Monterrey, Mexico 500
CJCJ—Calgary, Alta. 500

70 U. S. Cleared Channel
WLW
CINCINNATI, 50,000
VOAC—St. Johns, Newf'd. 40
TIGP—San Jose, Costa Rica 75

71 U. S. Cleared Channel
WOR
NEWARK, 50,000
XEN—Mexico City, Mex. 1,000
KMPC—Beverly Hills, Cal. 500
TIFB—San Jose, Costa Rica 30

72 U. S. Cleared Channel
WGN
CHICAGO 50,000
CMGC—Matanzas, Cuba 30

73 U. S. Cleared Channel
CKAC
MONTREAL, 5000
CMK
HAVANA, 5000
CJCA—Edmonton 1000
CFPL—London, Ont. 100

74 U. S. Cleared Channel
WSB
ATLANTA, 50,000
KMMJ—Clay Center, Neb. 1,000
WHEB—Portsmouth, N. H. 250
XER
Villa Acuna, Mexico, 150,000

75 U. S. Cleared Channel
WJR
DETROIT, 10,000
KGU—Honolulu, Hawaii 2,500

76 U. S. Cleared Channel
WJZ
NEW YORK, 50,000
XEYZ—Mexico City 10,000
XEOK—Tijuana, Mex. 2,500
WEW—St. Louis 1,000
KXA—Seattle, Wash. 250

77 U. S. Cleared Channel
WBBM-KFAB
Chicago—25,000—Lincoln
CMBS—Havana, Cuba 200
CMCF—Havana, Cuba 250

78 U. S. Canada Shared
KTM-KELW
St. Louis, 500—Burlington, 500
WEL—St. Louis, 500 500
CHY—Chillicothe, B. C. 100
CKF—Fort William, Ont. 100
WMC—Memphis, Tenn. 500
WTAR—Norfolk, Va. 500
CJCS—Sudbury, Ont. 500
KXP—Mexico City, Mex. 500
CMCQ—Havana 1000

79 U. S. Cleared Channel
WGY-KGO
SCHENECTADY, 50,000 and
SAN FRANCISCO, 7,500
WMMN—Fairmont, W. Va. 250
WGST—Atlanta, Ga. 250
XETU—Pachuca, Mexico 100

80 U. S. Cleared Channel
WBAP-WFAA
Fort Worth—50,000—Dallas
VOAC—St. Johns, Newf'd. 40
TIGP—San Jose, Costa Rica 75

81 U. S. Cleared Channel
WCCO
MINNEAPOLIS, 50,000
WNYC—New York 500
VOAS—St. Johns, Newf'd. 100

82 U. S. Cleared Channel
WHAS
LOUISVILLE, 50,000
CMGC—Matanzas, Cuba 30

83 U. S. Cleared Channel
KOA
DENVER, 50,000
WVU—Gainesville, Fla. 500
WVU—Reading, Pa. 1,000
WVU—Boston 1,000
WVU—Mexico City, Mexico 500
WVU—Cuba, Cuba 500
WVU—San Jose, Costa Rica 500

84 Canadian Channel
CKLW
Windsor, Ont., 5000
CMC—Havana 500
CJOC—Lethbridge, Alta. 100

85 U. S. Cleared Channel
KWKH-WWL
Shreveport—10,000—New Orleans
KIEV—Glendale, Cal. 100

86 U. S. Cleared Channel
WABC
NEW YORK, 50,000
WHB—Kansas City 500
XETH—Puebla, Mexico 100
TIVL—San Jose, Costa Rica 30

87 U. S. Cleared Channel
WLS-WENR
CHICAGO, 50,000
CMX—Havana 1000
CMCF—Havana, Cuba 250

88 U. S. Canada Shared
KFKA-KPOF
Chicago, 500—St. Paul, 500
WGBI-WQA
Burlington, Pa. 2
TIC—San Jose, Costa Rica 500
WSDI—Iowa City, Iowa 500
WCOG—Meridian, Miss. 500
CRCO—Ottawa, Ont. 1000
KLX—Oakland 1000
HIL—Santo Domingo, D. R. 25

89 U. S. Canada Shared
WJAR
Providence, R. I., 500
KFNK-KUSD-WILL
Shen'doah, Vermillion, Urb'na, 500
KARK—Little Rock, Ark. 250
WMMN—Fairmont, W. Va. 250
WGST—Atlanta, Ga. 250
XETU—Pachuca, Mexico 100

90 U. S. Regional Chan.
KHJ
Los Angeles, 1000
WBEN—Buffalo 1000
WJAX—Jacksonville 1000
WKY—Oklahoma City 1000
WBL—Stevens Pt., Wisc. 250
VQWR—St. Johns, Newf'd. 500
KGBU—Ketchikan, Alaska 500
KSEI—Pocatello, Idaho 250

91 Canadian Channel
CRCM
Montreal, 5000
CKY—Winnipeg 5,000
XEW—Mexico C. 5,000
CMJF—Camaguey, Cuba 200
TICR—San Jose, Costa Rica 75

92 U. S. Canada Shared
WWJ—Detroit 1000
KPRO—Houston 1000
KOMO—Seattle 1000
HHK—Port au Prince, Haiti 1000
WBSO—Needham, Mass. 500
WAAF—Chicago 500
KFXF—(Denver, 500) .. KFEL
WRAX—(Phil'd'phia, 250) .. WPEN
CMCD—Havana 250

93 U. S. Canada Shared
KMA-KGBZ
St. Louis, 500—St. Paul, 500
KFWI-KROW
San Francisco, 500—Oakland, 500
WBR—Birmingham, Ala. 500
CFAC—Calgary, Alta. 500
CMDE—Havana 250

94 U. S. Regional Chan.
XEFO-XFO
Mexico City, 5000
WHA—Madison, Wisc. 1000
WAVE—Louisville, Ky. 1000
WDAY—Fargo, N. D. 1000
WCSH—Portland, Me. 1000
KOIN—Portland, Ore. 1000
WAAT—Jersey City, N. J. 500

95 U. S. Canada Shared
KGHL—Billings, Mont. 1000
KMBC—Kansas City 1000
KFWB—Hollywood 1000
WRC—Washington, D. C. 500
CMHD—Cuba, Cuba 500
TIAH—Heredia, Costa Rica 75
VOGY—St. Johns, Newf'd. 75

96 Canadian Channel
CRCT
Toronto, 5000
XEAW—Reynosa, Mex. 10,000
CMJL—Camaguey, Cuba 50

97 U. S. Cleared Channel
KJR
SEATTLE, 5,000
WCFL—Chicago 5000
WIBG—Glenside, Pa. 100
CMCW-CMBD-CMGF
Havana, 150

98 U. S. Cleared Channel
KDKA
PITTSBURGH, 50,000
XEFG—Mexico City 250

99 U. S. Cleared Channel
WBZ-WBZA
BOSTON, 50,000
WJEM—Tupelo, Miss. 500
XEK—Mexico City, Mex. 100
XEFE—N. Laredo, Mexico 100
XEAE—Tijuana, Mexico 800

100 U. S. Cleared Channel
WOC-WHO
DES MOINES, 50,000
WORK—York, Pa. 1,000
KFVD—Los Angeles 250

101 U. S. Canada Shared
WHN—New York 250
KGGF-WNAD
Coffeyville, (500) .. Norman, Okla.
CKWX—(Vancouver, 100) .. CKCD
CKCK—(Regina, 500) .. CHWC
KOW—San Jose, Calif. 500

102 U. S. Cleared Channel
KYW
PHILADELPHIA, 10,000
XES—Tampico, Mexico 250

103 Canadian Channel
CFCN
Calgary, 10,000
XEB
Mexico City, 10,000
CFNB—Fredericton, N. B. 500
CKMC—Santiago de Cuba 150
CKNC—Toronto, Ont. 100

104 U. S. Cleared Channel
KTNS-KRLD
Hot Springs—10,000—Dallas
WESG—Elmira, N. Y. 1,000
WKAR—E. Lansing, Mich. 1,000
CMHI—Santa Clara, Cuba 250
CMGH—Matanzas, Cuba 15

105 U. S. Cleared Channel
KNX
LOS ANGELES, 50,000
KFBI—Abilene, Kan. 1,000
WIS—Columbia, S. C. 1,000
CHWS—Hartford, N. J. 1,000
WFC—Merida, Mex. 1,000
CMJG—Camaguey, Cuba 50
HIT—Santo Domingo, D. R. 10

106 U. S. Cleared Channel
WBAL-WTIC
BALTIMORE, 10,000 and
HARTFORD, 50,000
CMBG—(Havana, 225) .. CMCB
WJAG—Norfolk, Nebr. 1,000
KWJJ—Portland, Ore. 500

107 U. S. Cleared Channel
WTAM
CLEVELAND, 50,000
KJBS—San Francisco 100
WDZ—Tuscola, Ill. 100
WCAZ—Carthage, Ill. 50

108 U. S. Cleared Channel
WBT
CHARLOTTE, N. C., 50,000
WGBD-WMBI
Zion, Ill. (5000) .. Chicago
XEFG—Mexico City 250

109 U. S. Cleared Channel
KMOX
ST. LOUIS, 50,000
XEAI—Mexico City, Mex. 100
VOKW—St. Johns, Newf'd. 30

110 U. S. Cleared Channel
WLWL-WPG
New York—5,000—Atlantic City
CRCV—Vancouver, B. C. 1000
CMCU—Havana, Cuba 500
KGDM—Stockton, Cal. 250
XEWV—Veracruz, Mexico 250

111 U. S. Cleared Channel
WRVA
RICHMOND, 5000
XENT—N. Laredo, Mex. 150,000
KSDO—Sioux Falls, S. D. 2,500

112 U. S. Canada Shared
KFSG-KRKD
College Sta., Tex.—500—Heaster
CHS—Summerside, P. E. I. 100
CHL—Montreal, Que. 100
WFO—Spokane, Wash. 500
KRSC—Seattle, Wash. 100
CKOC—Hamilton, Ont. 500
WISN—(Milwaukee, 25) .. WHAD
WDEL—Wilmington, Del. 250
CFTF—Edmonton 100

113 U. S. Cleared Channel
KSL
SALT LAKE CITY, 50,000
WJJD—Chicago 20,000
WQV—New York 1,000
XEH—Monterrey, Mex. 250
CMHJ—Cienfuegos, Cuba 60

114 U. S. Cleared Channel
WAPI-KVVO
Birmingham, 5,000; Tulsa, 25,000
CMBW—Havana, Cuba 600
CMBJ—Havana, Cuba 150

115 U. S. Cleared Channel
WHAM
ROCHESTER, 50,000
XED—Guadalajara, Mexico 500
CMJH—Ciego de Avila 50

116 U. S. Cleared Channel
WWVA-WOVO
WHEELING, 5,000 and
FORT WAYNE, 10,000
CMJE—Camaguey, Cuba 50

117 U. S. Cleared Channel
WCAU
PHILADELPHIA, 50,000
CMJE—Camaguey, Cuba 50

118 U. S. Cleared Channel
KEX-KOB
Port'lnd, 5000; Alb'g, 10,000
WDGY—Minneapolis 1000
WDS—New York 500
WMAZ—Macon, Ga. 500
CMCJ—Havana 400

119 U. S. Cleared Channel
WOAI
SAN ANTONIO, 50,000
WSAZ—Hunt'gton, W. Va. 1,000
CMBN—Havana, Cuba 150
HJ—Santo Domingo, D. R. 15

120 U. S. Local Channel
WBHS-WFBC
Huntsville, (100) .. Greenville, S. C.
WJBC-WJBL
La Salle, Ill. (100) .. Decatur Ill.
WVAE-WFAM
Hammond, Ind. (100) .. So. Bend
WKBO-WKJC
Harrisburg, (100) .. Lancaster
WBBX—(N. Orleans, 100) .. WJBW

121 U. S. Local Channel
WCRW-WEDC-WSBC
Chicago, 100
KFVS-WEBQ
Cape Girardeau, (100) .. Harrisburg
WBAX-WKOK
Wilkes Barre, (100) .. Sunbury
WCBS—(Springfield, 100) .. WTAX
KFXM-KPPC
San Bernardino, 100; Pasadena, 50

122 U. S. Regional Chan.
WREN-KFKU
Lawrence, Kans., 1000
WDAE—Tampa, Fla. 1000
WCAE—Pittsburgh 1000
KWSO-KTW
Pullman, Wash. (1000) .. Seattle
WCAD—Canton, N. Y. 500

123 U. S. Regional Chan.
KYA
San Francisco, 1000
WNAC—Boston 1000
WFBM-WBSB
Indianapolis, 1000; So. Bend, 500
CFQC—Saskatoon, Sask. 500
CMHK-CMCA-CMBY
Cruces, 50 and Havana, 150, 250
KGGM—Albuquerque, N. M. 250

124 U. S. Regional Chan.
KTAT—Fort Worth 1000
WXYZ—Detroit 1000
WKAQ—San Juan, P. R. 1000
KTFI—Twin Falls, Idaho 500
KLPM—Minot, N. D. 250
KGCU—Mandan, N. D. 250
CMJN—Camaguey, Cuba 50

125 U. S. Regional Chan.
WODA-WGCP
Newark, 1000
KFOX—Long Beach 1,000
WDSU—New Orleans 1000
WLB-WRHM-WCAL
Minneapolis, (1000) .. North'Id
XEFA—Tacuba, Mexico 500
CMAB—Pinar del Rio 25

126 U. S. Regional Chan.
KVOA—Tucson 500
WLBW—Erie 500
KUOA—Fayetteville 1000
KOIL—Cincinnati 1000
WTOG—Savannah, Ga. 500
KWVG—Brownsville, Texas 500
KRGV—Hartlingen, Texas 500
WNBX—Springfield, Vt. 250
XEFI—Chihuahua, Mex. 250

127 U. S. Cleared Channel
KOL
Seattle, 1000
WOOD—(Gr. Rapids, 500) .. WASH
KWLC—(Dec'rah, Ia., 100) .. KGCA
CMBC—(Havana, 150) .. CMCP
KVOR—Colo. Springs 1000
WJDX—Jackson, Miss. 1000
WFBH—Baltimore, Md. 500

128 U. S. Regional Chan.
WDOD
Chattanooga, 1000
KFBH—Great Falls 1000
WRR—Dallas, Texas 500
WIBA—Madison, Wisc. 500
WCAW-WCAP-WTNJ
Camden, Asbury Pk., Trenton, 500
WORC—Worcester, Mass. 500
XEFW—Tampico, Mexico 70

129 U. S. Regional Chan.
KDYL
Salt Lake, 1000
WJAS—Pittsburgh 1000
WBC—Superior 1000
KTSA—San Antonio 1000
XFB—Jalapa, Mexico 1000
WNEI
San Antonio, 500
WLCN—Brynolyn, Ark. 100
WLCN—Brynolyn, Ark. 100
WLCN—Brynolyn, Ark. 100
WLCN—Brynolyn, Ark. 100
WLCN—Brynolyn, Ark. 100

130 U. S. Regional Chan.
WOQ-KFH
Kansas City, (1000) .. Wichita
WIOD—Miami, Fla. 1000
KFAC—Los Angeles 1000
KFJR—(Portland, 500) .. KALE
WBBR-WFAB-WEVD-WHAZ
New York, 1000, 1000, 500, 500
CMKJ—Guantanamo, Cuba 20
HIZ—Santo Domingo, D. R. 10

131 U. S. Local Channel
WJAC-WFBG
Johnstown, (100) .. Altoona
WRAW-WGAL
Reading, Pa. (100) .. Lancaster
WTRC-WLBC
Elkhart, 50; Muncie, Ind. 100
KTSM—(El Paso, 100) .. WDAH
WHAT—(Phil'd'phia, 100) .. WTCL

132 U. S. Cleared Channel
WADC
Akron, Ohio, 1000
WSMB—New Orleans 500
CMCY—Havana 500
KMGB—Honolulu 250
KGHF—Pueblo, Colo. 250
KID—Idaho Falls, Ida. 250
TGW—Guatemala, Guat. 250

133 U. S. Regional Chan.
KSCJ-WTAQ
Sioux City, (1000) .. Eau Claire

Alabama (3)		Georgia (12)		Covington, WKY 142
Anniston, WAMC 142		Athens, WTFI 145		Louisville, WHAS 82
Birmingham, WBRC 93		Atlanta, WSB 74		WAVE 94
WAPI 114		WGST 89		WLAP 142
WBBC 131		WJTL 137		Paducah, WPAD 142
Dothan, WHET 137		WENC 142		Maine (5)
Gadsden, WJBY 121		Augusta, WRDW 150		Augusta, WRDO 137
Huntsville, WBHS 120		Columbus, WRBL 120		Bangor, WLBZ 62
Mobile, WODX 141		La Grange, WKUE 150		WABI 120
Montgomery, WSFA 141		Macon, WMVZ 118		Portland, WCBS 94
Muscle Shoals, WNRA 142		Rome, WFDV 150		Presque Isle, WAGM 142
Savannah, WTOG 126		Thomasville, WQDX 121		Maryland (6)
Alaska (3)		Hawaii (3)		Baltimore, WCAO 60
Anchorage, KFQD 60		Hilo, KWVF 121		WBAL 106
Juneau, KIFH 131		Honolulu, KGU 75		WBFR 127
Ketchikan, KGBU 90		KGMB 132		WCBM 137
Arizona (8)		Indiana (16)		Cumberland, WTBO 142
Jerome, KCRJ 131		Anderson, WHBU 121		Hagerstown, WJEJ 121
Lowell, KSUN 120		Culver, WCMA 140		Mass. (13)
Phoenix, KTAR 62		Elkhart, WTRC 131		Boston, WEEI 59
KOY 139		Evansville, WGBF 63		WHDH 83
Prescott, KPJM 150		Ft. Wayne, WOVO 116		WBZ-WBZA 99
Tucson, KVOA 126		WGL 137		WNAC 123
KGAR 137		Gary, WIND 56		WAAB 141
Yuma, KUMA 142		Hammond, WWAE 120		WLOE 150
Arkansas (9)		Indianapolis, WFBM 123		Fall River, WSAR 145
Fayetteville, KLCN 129		WKBF 140		Lexington, WLEY 137
Fayetteville, KUOA 126		Muncie, WLBC 123		Needham, WBOS 92
Fort Smith, KFPW 121		Richmond, WKBV 150		New Bedford, WNBH 131
Hot Springs, KTHS 104		Seattle, WFAM 120		Springfield, WMAS 142
Jonesboro, KBTM 120		WSB 123		Worcester, WTAG 58
Little Rock, KARK 89		Terre Haute, WBOW 131		WORC 128
KGHI 120		W. Lafayette, WBAA 140		Minnesota (8)
KLRA 139				Fergus Falls, KGDE 120
Texarkana, KCMC 142				Minneapolis, WCCO 81
California (43)		Idaho (5)		WDGY 118
Bakersfield, KERN 120		Boise, KIDO 135		WLB 125
Berkeley, KRE 137		Idaho Falls, KID 132		WRHM 125
Beverly Hills, KMPC 71		Nampa, KFXD 120		Moorhead, KGFK 150
Burbank, KELW 78		Pocatello, KSEI 90		Northfield, WCAL 125
El Centro, KXO 150		Twin Falls, KTFI 124		St. Paul, KSTP 148
Eureka, KIEM 131		Illinois (32)		Michigan (19)
Fresno, KMJ 58		Carthage, WCAZ 107		Battle Creek, WELL 142
Glendale, KIEV 85		Chicago, WIBO 56		Bay City, WBCN 141
Hollywood, KFWB 95		WPCC 56		Calumet, WHDF 137
Long Beach, KFOX 125		WMAQ 67		Detroit, WJR 70
KGER 136		WGN 72		WWJ 92
Los Angeles, KMTR 157		WBBM 77		WXYZ 124
KFI 64		WENR 87		WJBK 137
KTM 78		WLS 87		WBMC 142
KHJ 90		WAAF 92		E. Lansing, WKAR 104
KFVD 100		WCFL 97		Flint, WDFB 131
KNX 112		WMBI 108		Grand Rapids, WASH 127
KRKD 112		WJJD 113		WOOD 127
KFSG 120		WCRW 121		Ironwood, WJMS 142
KCFJ 130		WEDC 121		Jackson, WIBM 137
KFCF 130		WESB 121		Kalamazoo, WKZO 59
KECA 143		WGES 136		Lapeer, WMPG 150
Oakland, KTAB 56		WHFC 142		Ludington, WKBZ 150
KLX 88		WEHS 142		Marquette, WBCO 131
KROW 93		WKBI 142		Royal Oak, WEXL 131

Please Read

Every radio station in America is listed and cross-indexed, as follows: First, by channels (Whitman's Rapid Station Finder on preceding pages); Second, by sections (countries, states, and cities on this double page); and Third, alphabetically by call letters on the four following pages. Thus each station is listed thrice. Each has its own purpose. The channel listing, most used, enables you, by noting the dial setting on your radio and finding the corresponding number on the Station Finder, to identify the station to which you are listening. The sectional listing, principally for reference, lists all stations by cities and states, on the continent, with channel numbers. The alphabetical list gives station information; call, city, owner, power, for reference, and also furnishes identification where the listener has been able to hear the call.

United States Stations, 587; Canada, 72; Mexico, 48:

SECTIONAL LIST

N. Hampshire (3)		Canton, WCAD	122	N. Carolina (8)	
Laconia, WKAV	131	Chester Twp., WGNV	121	Asheville, WWNC	57
Manchester, WFEA	143	Elmira, WESG	104	Charlotte, WBT	108
Portsmouth, WHEB	74	Freeport, WGBB	121	WSOC	121
New Jersey (12)		Hudson Falls, WGLC	137	Greensboro, WBIG	144
Asbury Park, WCAP	128	Jamestown, WOCL	121	Greenville, WEED	144
Atlantic City, WFG	110	New York, WMCA	57	Raleigh, WPTF	68
Camden, WCAM	128	WEAF	66	Wilmington, WRAM	137
Hackensack, WBMS	145	WJZ	76	Winston-Salem, WSJS	131
Jersey City, WAAT	94	WNYC	81	N. Dakota (6)	
WHOM	145	WABC	86	Bismark, KFYR	55
Newark, WOR	71	WHN	101	Devils Lake, KDLR	121
WGCP	125	WLWL	110	Fargo, WDAY	94
WNEW	125	WOV	113	Grand Forks, KFJM	137
Redbank, WJBI	121	WINS	118	Mandan, KGCU	124
Trenton, WTNJ	128	WEVD	130	Minot, KLPM	124
Zarephath, WAWZ	135	WFRB	130	Ohio (20)	
New Mexico (4)		WBXN	135	Akron, WJW	121
Albuquerque, KOB	118	Rochester, WHAM	115	WADC	132
KGGM	123	WHEC	143	Canton, WHBC	120
Clovis, KICA	137	Saranac Lake, WNBZ	129	Cincinnati, WKRC	55
Roswell, KGFL	137	Schenectady, WGY	79	WLW	70
New York (44)		Syracuse, WSYR	57	WFBE	120
Albany, WOKO	143	WFEL	136	WSAI	133
Auburn, WMBO	131	Troy, WHAZ	136	Cleveland, WJAY	61
Binghamton, WNBZ	150	Tupper Lake, WHDL	142	WTAM	107
Brooklyn, WBRR	130	Utica, WBX	120	WHK	139
WBBC	140	White Plains, WFAS	121	WGAR	145
WARD	140	Woodside, WWRL	150	Columbus, WOSU	57
WFWF	140	Oklahoma (11)		WATU	64
WLTH	140	Elk City, KASA	121	WSEN	121
WMBQ	150	Enid, KCRC	137	WCAH	143
WCNW	150	Norman, WNAD	101	Dayton, WSMK	138
Buffalo, WGR	55	Oklahoma City, WKY	90	Mt. Orab, WHBD	137
WBEN	90	KFXR	131	Toledo, WSPD	134
WBRR	131	KGFG	137	Youngstown, WKBN	57
WSVS	137	KOMA	148	Zanesville, WALR	137
WKBW	148	Ponca City, WBZZ	120		
		Shawnee, KGFF	142		
		Tulsa, KVOO	114		
		KTUL	140		

LOCAL CHAN

These Channels Continued From

CHANNEL 100		WIBX Utica, N.Y.	100	WJBY Gadsden, Ala.	100	
XEAX	Guadalajara, Mex.	100	WLO St. Louis, Mo.	100	WJF Hagerstown, Md.	100
XEAF	Nogales, Mex.	100	WNB Silver Haven, Pa.	100	WJEJ Akron, Ohio	100
XEC	Toluca, Mex.	50	WNBW Carbondale, Pa.	10	WKFI Greenwood, Miss.	100
XEFJ	Monterrey, Mex.	100	WPHR Petersburg, Va.	100	WMBG Richmond, Va.	50
XEFS	Quezataro, Mex.	40	WRBL Columbus, Ga.	100	WOCL Jamestown, N.Y.	100
XEL	Saltillo, Mex.	10	WWHL Cienfuegos	100	WOMT Manitowic, Wis.	50
TITV	San Jose, Costa Rica	8	VONF St. Johns, Newf.	400	WPRO Providence, R.I.	100
CHANNEL 120		CHANNEL 121		WQDX Thomasville, Ga.		100
CHAB	Moose Jaw, Sask.	100	CFBO St. John, N.B.	100	WSEN Columbus, Ohio	100
CIAT	Trail, B. C.	50	CHNC New Carlisle, Que.	100	WSIX Springfield, Tenn.	100
CKTB	St. Cath'rines, Ont	100	CKBI Prince Alb't, Sask.	100	WSOC Charlotte, N.C.	100
CKBT	Jonesboro, Ark.	100	CKCH Hull, Quebec	100	CMGB Matanzas, Cuba	30
KERN	Bakersfield, Cal.	100	CKMC Cobalt, Ont.	50	CHANNEL 131	
KFJB	Marshalltown, Ia.	100	CKOV Kelowna, B. C.	50	CHCK Charlottetown PEI	50
KFXD	Nampa, Idaho	100	KASK Elk City, Okla.	100	CJKL Kirkland Lk., Ont.	100
KFXJ	Grand Jct., Colo.	100	KDLR Devils Lake, N.D.	100	CJLS Yarmouth, N. S.	100
KGDE	Fergus Falls, Minn.	100	KDJI Klamath Falls, Ore.	100	CKCV Quebec, Ont.	50
KGKE	Yuma, Colo.	100	KFOR Lincoln, Neb.	100	CFJC Kamloops, B.C.	100
KGFJ	Los Angeles, Cal.	100	KFPW Fort Smith, Ark.	100	KCRJ Jerome, Ariz.	100
KGHI	Little Rock, Ark.	100	KGCR Watertown, S.D.	100	KFBK Sacramento, Cal.	100
KGVO	Missoula, Mont.	100	KGY Olympia, Wash.	100	KFGQ Boone, Iowa	100
KMLB	Monroe, La.	100	KWEA Shreveport, La.	100	KFPL Dublin, Tex.	100
KSUN	Lowell, Ariz.	100	KWVF Hilo, Hawaii	100	KPFM Greenville, Tex.	15
KVOS	Bellingham, Wn.	100	WALR Zanesville, Ohio	100	KFXR Oklahoma City	100
KWGS	Stockton, Cal.	100	WBBL Richmond, Va.	100	KFYO Lubbock, Tex.	100
WABI	Bangor, Maine	100	WFAS White Plains, N.Y.	100	KGBX Springfield, Mo.	100
WBBZ	Ponca City, Okla.	100	WGBB Freeport, N.Y.	100	KGCX Wolf Point, Mont.	100
WCAT	Rapid City, S.D.	100	WGCM Mississippi City	100	KGEZ Kalispell, Mont.	100
WCBE	Burlington, Vt.	100	WGNV Chester Two, N.Y.	100	KGFW Kearney, Neb.	100
WCBO	Janesville, Wis.	100	WHBF Rock Island, Ill.	100	KIEM Eureka, Cal.	100
WFCE	Cincinnati, Ohio	100	WHBU Anderson, Ind.	100	KIFH Juneau, Alaska	100
WHBY	Canton, Ohio	100	WIBU Poyntney, Wis.	100	KIT Yakima, Wash.	100
WHRY	Green Bay, Wis.	100	WJBI Redbank, N.J.	100	KMED Medford, Ore.	100

This First

Channels, based on kilocycles, are the only values indicated on these pages; meters are long since obsolete, and channel numbers (kilocycles with the final cipher dropped) occupy less space on the dial and are in almost universal use. These tables are so clear and simple as to be practically self-explanatory. But the instantaneous dialing of Whitman's Rapid Station Finder (channel listing) will become more apparent with a little study and use. It will be noticed that all channels in the broadcast range are set off in columns of 10 each. Hence, the eye can find the desired number quickly. While the power of every station is shown, the larger stations are printed in larger type; thus conditions in the channel, whether it be cleared, regional or local, are clearly shown. The six local channels are marked with a star and the listing of these are continued below.

Cuba, 58; Others, 39; Total North American Stations, 804

OF NORTH AMERICAN STATIONS

Oregon (13)	Philadelphia, WCAU 117	College St., WTAW 117
Corvallis, KOAC 55	WHAT 131	Corpus Christi, KGFI 131
Eugene, KORE 142	WTEL 131	Dallas, WFAA 131
Klamath Falls, KFJI 121	WDAS 137	KRLD 137
Marshfield, KOOS 137	Pittsburgh, KDKA 98	WRR 137
Medford, KMED 131	WCAE 122	Dublin, KFPL 137
Portland, KGW 62	WJAS 137	El Paso, KTSM 137
KOIN 94	KQV 138	WDAH 137
KWJJ 106	WWSW 150	Fort Worth, WBAP 98
KEX 118	Reading, WEEU 83	KTAT 137
KFJR 130	WRAW 131	KFJZ 137
KALE 130	Scranton, WGBI 88	Galveston, KLUF 137
KBPS 142	WQAN 88	Greenville, KFPM 137
KXL 142	Silver Haven, WNBO 120	Harlingen, KRGV 127
	Sunbury, WKOK 121	Houston, KPRC 98
Porto Rico (2)	Wilkes-Barre, WBAX 121	KTRH 137
San Juan, WKAQ 124	WBRE 131	KXYZ 137
WNEL 129	Williamsport, WRAK 137	Lubbock, KFYO 147
	York, WORK 100	San Angelo, KGKL 137
Penna. (40)	Rhode Isl. (3)	San Antonio, WOAI 117
Allentown, WBCA 144	Providence, WEAN 78	KTSA 127
WSAN 144	WJAR 89	KMAC 137
Altoona, WFBG 131	WPRO 121	KONO 137
Carbondale, WNBW 120	S. Dakota (9)	KABC 147
Erie, WLBW 126	Brookings, KFDY 55	Tyler, KGKB 157
WLEU 142	Huron, KGDY 134	Waco, WACO 147
Glenside, WIBG 97	Mitchell, KGDA 137	Wichita Falls, KGKO 57
Grove City, WSAJ 131	Pierre, KGFX 63	S. Carolina (4)
Harrisburg, WBKO 120	Rapid City, WCAT 120	Charleston, WCSC 137
WBAK 143	Sioux Falls, KSOO 111	Columbia, WIS 107
WHP 143	Vermillion, KUSD 89	Greenville, WFCB 127
Hazlet, WAZL 142	Watertown, KGCR 121	Spartanburg, WSPA 147
Johnstown, WJAC 137	Yankton, WNAX 57	Tennessee (12)
Lancaster, WKJC 120		Bristol, WOPI 117
WGAL 131		Chattanooga, WDDO 127
Philadelphia, WFI 56	Texas (32)	Memphis, WREC 67
WLIT 56	Amarillo, KGRS 141	WMC 77
WIP 61	WDAG 141	WHBQ 137
WPEN 92	Austin, KNOW 150	WNRB 137
KYW 102	Beaumont, KFDM 56	
WRAX 102	Brownsville, KWWG 126	

NEL STATIONS

Station Finder on Preceding Pages

KRMD Shreveport, La. 100	KRE Berkeley, Cal. 100	KWCR Cedar Rapids, Ia. 100
KRNO Aberdeen, Wash. 100	KSI Des Moines, Ia. 100	WAGO Waco, Tex. 100
WAML Laurel, Miss. 100	KUO Walla Walla, Wn. 100	WAGM Presque Isle, Me. 100
WBEO Marquette, Mich. 100	KWKC Kansas City, Mo. 100	WAMC Anniston, Ala. 100
WBOW Terre Haute, Ind. 100	WCBM Baltimore, Md. 100	WEED Greenville, N.C. 100
WBOS Wilkes-Barre, Pa. 100	WDAS Philadelphia, Pa. 100	WELL Battle Creek, Mich. 50
WCLS Joliet, Ill. 100	WGL Fort Wayne, Ind. 100	WELLT Tupper Lake, N.Y. 100
WEDR Buffalo, N.Y. 100	WGLC Hudson Falls, N.Y. 100	WJMS Ironwood, Mich. 100
WEXL Royal Oak, Mich. 50	WHBD Mt. Orab, Ohio 100	WLAP Louisville, Ky. 100
WFDF Flint, Mich. 100	WHBO Memphis, Tenn. 100	WLBF Kansas City, Kan. 100
WGH Newport News, Va. 100	WHDF Calumet, Mich. 100	WLEU Erie, Pa. 100
WIAS Ottumwa, Iowa 100	WHET Dothan, Ala. 100	WMAS Springfield, Mass. 100
WKAV Laconia, N. H. 100	WJTL Atlanta, Ga. 100	WMBE Detroit, Mich. 100
WKBC Birmingham, Ala. 250	WLEY Lexington, Mass. 100	WMBH Joplin, Mo. 100
WMBO Auburn, N.Y. 100	WMER Jacksonville, Fla. 100	WNRA M. Shonals, Ala. 100
WNBH N. Bedford, Mass. 100	WPDF Hattiesburg, Miss. 100	WPAD Paducah, Ky. 100
WOL Washington, D.C. 100	WQDM St. Albans, Vt. 100	WSPA Spartansburg, S.C. 100
WROL Knoxville, Tenn. 100	WRAM Williamsport, Pa. 100	WTBO Cumberland, Md. 100
WSJO Grove City, Pa. 100	WRAM Wilmington, N.C. 100	
WSJS Win'n-Salem, N.C. 100	WRDO Augusta, Maine 100	CHANNEL 150
WTJS Jackson, Tenn. 100	WRJN Racine, Wis. 100	CRCS Chicoutimi, Que. 100
XEFB Monterrey, Mex. 100	WSVS Buffalo, N.Y. 50	KGFI Corpus Christi, Tex. 100
YLI Morelia, Mex. 250	WFSX Mexico City, Mex. 100	KGKF Moorhead, Minn. 100
	XEFV C. Jaurez, Mex. 100	KGKB Tyler, Tex. 100
	HRB Tegucigalpa, Hond. 2300	WFDV Rome, Ga. 100
CHANNEL 137		WHEF Koscusko, Miss. 100
CHPR St. John, N. B. 100	CHANNEL 142	WKBW Richmond, Ind. 100
KFJM Grand Forks, N.D. 100		WKEU La Grange, Ga. 100
KFJZ Ft. Worth, Tex. 100	CKGB Timmins, Ont. 100	WLOB Boston, Mass. 100
KGAR Tucson, Ariz. 100	CKMC Tarkenton, Ark. 100	WPOI Bristol, Tenn. 100
KGDA Mitchell, S.D. 100	KFIZ Fond du Lac, Wis. 100	WRDW Augusta, Ga. 100
KGFL Roswell, N.M. 100	KGFZ Shawnee, Okla. 100	WSYB Rutland, Vt. 100
KGKL San Angelo, Tex. 100	KGIX Las Vegas, Nev. 100	WWSW Pittsburg, Pa. 100
KICA Clovis, N.M. 100	KICK Carter Lake, Iowa 100	
KLUF Galveston, Tex. 100	KORE Eugene, Ore. 100	
KOOS Marshfield, Ore. 100	KUMA Yuma, Ariz. 100	

CANADA

Jackson, WTJS	131
Knoxville, WNOX	56
WROL	131
Nashville, WSM	65
WLAC	147
Springfield, WSIX	121

Utah (3)

Ogden, KLO	140
Salt Lake City, KSL	113
KDYL	129

Vermont (5)

Burlington, WCAX	120
Rutland, WSBY	150
Springfield, WNBX	126
St. Albans, WQDM	137
Waterbury, WDEV	55

Virginia (11)

Charlottesville, WEHC	135
Danville, WBTM	137
Lynchburg, WLVA	137
Newport News, WHG	131
Norfolk, WTAR	78
Petersburg, WPHR	120
Richmond, WRVA	111
WBBL	121
WMBG	121
Roanoke, WDEJ	93
WRBX	141

Washington (22)

Aberdeen, KXRO	131
Bellingham, KVOS	120
Everett, KFBL	120
Olympia, KGy	121
Pullman, KWSC	122
Seattle, KPCB	65
KKA	76
KOMO	92
KJR	97
KRSC	112
KTW	122
KOL	127
KVL	137
Spokane, KHQ	59
KFIO	112
KFPY	124

Alberta (7)

Calgary, CJCI	69
CFAC	93
CFCN	103
Edmonton, CKUA	58
CJCA	73
CFTF	112
Lethbridge, CJOC	84

B. Columbia (11)

Chilliwack, CHWK	78
Kamloops, CFJC	131
Kelowna, CKOV	121
Trail, CJAT	120
Vancouver, CJOR	60
CKCD	101
CKWX	101
CRCV	110
CKFC	141
CKMO	141

Victoria, CFCT	145
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Manitoba (4)

Brandon, CKX	145
Middlebury, CJRC	139
Winnipeg, CJRW	54
CKY	91

N. Brunswick (4)

Fredericton, CFNB	103
Moncton, CRCA	58
St. John, CFBO	121
CHPR	137

Nova Scotia (5)

Glace Bay, VAS	69
Halifax, CHNS	105
Sydney, CJCB	88
Wolfville, CKIC	101
Yarmouth, CJLS	131

P. E. Island (3)

Charlottetown, CFCY	63
CHCK	131
Summerside, CHGS	112

Ontario (22)

Brantford, CKPC	93
Chatham, CFCO	60
Cobalt, CKMC	121
Ft. William, CKPR	77
Hamilton, CHML	101
CKOC	112

Kingston, CFRC	151
Kirkland Lake, CJKL	131
Kitchener, CKCR	151
London, CFPL	73
North Bay, CFCH	93
Ottawa, CRCO	88
CKCO	101

Prescott, CFCL	93
St. Catharines, CKTB	120
Sudbury, CJCS	78
Timmins, CKGB	142
Toronto, CKCL	58

CFRB	69
CRCT	96
CKNC	103
Windsor, CKLW	84

Quebec (9)

Chicoutimi, CRCS	150
Hull, CKCH	121
Montreal, CFCF	60
CKAC	73
CRCM	91
CHLP	112

New Carlisle, CHNC	121
Quebec, CHRC	93
CKCV	131

Sask. (7)

Moose Jaw, CJRM	54
CHAB	120
Prince Albert, CKBI	121
Regina, CHWC	101
CKCK	101
Saskatoon, CFYC	123
Yorkton, CJGX	66

MEXICO

KMO133	Baja Calif. (3)		Jalisco (2)
Walla Walla, KUJ137	Mexicali, XEAO56		Guadalupe, XEA100
Wenatchee, KPQ150	!ianna, XEOK76		XED115
Yakima, KIT131	XEAE99		
W. Virginia (5)	Chihuahua (3)		Neuvo Leon (5)
Bluefield, WHIS141	C.ihuahua, XEFI126		Monterrey, XEX63
Charleston, WOBV58	C. Juarez, XEJ101		XET69
Fairmont, WMMN89	XEFV137		XEFJ100
Huntington, WSAZ119			XEH113
Wheeling, WWVA116			XEFB131
Wisconsin (16)	Coahuila (4)		Puebla (1)
Eau Claire, WTAQ133	Piedras Negras, XEPN58		Puebla, XETH86
F'nd du Lac, KFIZ142	Saltillo, XEL100		Queretaro (1)
Green Bay, WBHY120	Torreón, XETB138		Queretaro, XEFS100
Janesville, WCLO128	Villa Acuna, XER74		S. Luis Potosi (1)
La Crosse, WKBH130			San Luis Potosi, XEAC129
Madison, WHA94	Distrito Fed. (13)		Sonora (1)
WIBA128	Mexico City, XEN71		Nogales, XEAF99
Manitowoc, WOMT121	XEYZ76		Tamaulipas (6)
Milwaukee, WTMJ62	XEP78		Nuevo Laredo, XEFE99
WHAD112	XETW81		XENT111
WISN112	XEW93		XEAB145
Poynette, WIBU121	XEFO94		Reynosa, XEAW97
Racine, WRJN137	XFO94		Tampico, XES102
Sheboygan, WHBL141	XEK99		XEFW123
Stevens Pt., WLBL90	XEB103		
Superior, WEBC129	XEFG108		
Wyoming (1)	XEAI109		
Casper, KDFN144	XEFZ137		
Costa Rica (15)	Tacuba, XEFA125		

go (1) Ver

Heredia, TIANRH	95	Pachuca, XEU	89	Jalapa, XFB	129
San Jose, TISO	60	Mexico (1)		Veracruz, XEU	101
TIXA	61	Toluca, XEC	100	XEWX	110
TIFB	71	Michoagan (1)		Yucatan (2)	
TIGP	80	Morelia, XEI	131	Merida, XEZ	63
TIEA	83			XEFC	105
TIVL	86				
TIC	88				
TICR	91				
TITV	109				
TIRC	118				
TITR	133				
TIEP	145				
Newfoundland (6)		Havana, CMDD	59	CMCH	141
St. Johns, VOAC	80	CMW	60	CMBL	145
VOAS	81	CMQ	63	CMBK	148
VOWR	80	CMAF	68	Cabarien, CMHD	95
VOGY	95	CMK	73	Camaguey, CMJF	91
VOKW	109	CMBS	77	CMJL	96
VONF	120	CMCQ	78	CMJG	105
Salvador (1)		CMC	84	CMJE	117
Salvador, RUS	66	CMCF	86	CMJN	122
Guatemala (1)		CMX	88	CMJC	138
Guatemala, TGW	132	CMGD	92	Cardenas, CMGE	138
Haiti (1)		CMDE	93	Ciego de Avila, CMJO	101
Port au Prince, HHK	92	CMDB	97	CMJH	115
Honduras (2)		CMCW	98	CMJI	134
San Pedro Sulo, JRL	135	CMBZ	101	Cienfuegos, CMHJ	113
Tegucigalpa, HRB	137	CMCB	105	CMHW	120
Domin'cn Rep (5)		CMBG	105	CMHL	129
Santo Domingo, HIX	60	CMCU	110	Colon, CMGA	83
HIL	88	CMBJ	114	Crucis, CMHK	123
HIT	105	CMBW	114	Guantanamo, CMKJ	130
HUJ	119	CMCJ	118	Matanzas, CMGC	82
HIZ	130	CMBN	119	CMGF	97
		CMCA	123	CMGH	104
		CMBY	123	CMGB	121
		CMBC	127	Moron, CMJP	136
		CMCP	127	Pinar del Rio, CMAB	125
		CMCY	132	Santa Clara, CMHI	104
		CMCN	138	Santiago de Cuba,	
		CMCR	138	CMKC	105
		CMCM	141		

Call	Location	Owner	Watts	Channel
CFAC	Calgary, Alta.	The Calgary Herald	(100)	93
CFBO	St. John, N. B.	C. A. Munro, Ltd.	(100)	121
CFCF	Montreal, Que.	Canadian Marconi Co.	(500)	60
CFCH	North Bay, Ont.	Northern Supplies, Ltd.	(100)	93
CFCN	Calgary, Alta.	W. W. Grant and H. G. Love	(10,000)	103
CFCO	Chatham, Ont.	John Beardall	(50)	60
CFCT	Victoria, B. C.	Victoria Broadcasting Assn.	(50)	145
CFCY	Charlottetown, P.E.I.	Island Radio Broadcasting Co.	(500)	63
CFJC	Kamloops, B. C.	Review Publishing Co., Ltd.	(100)	131
CFJC	Prescott, Ont.	Radio Association of Prescott	(100)	93
CFNB	Fredericton, N. B.	James S. Neill & Sons, Ltd.	(500)	103
CFPL	London, Ont.	London Free Press & Ptg. Co.	(100)	73
CFQC	Saskatoon, Sask.	The Electric Shop, Ltd.	(500)	123
CFRB	Toronto, Ont.	Rogers Majestic Corp., Ltd.	(10,000)	69
CFRC	Kingston, Ont.	Queen's University	(100)	151
CFTP	Edmonton, Alta.	Taylor & Pearson, Ltd.	(100)	112
CHAB	Moose Jaw, Sask.	Moose Jaw Radio Association	(100)	120
CHCK	Charlottetown, P.E.I.	W. E. Burke & J. A. Gesner	(50)	131
CHGS	Summerside, P.E.I.	R. T. Holman, Ltd.	(50)	112
CHLP	Montreal, Que.	La Patrie Pub. Co., Ltd.	(100)	112
CHML	Hamilton, Ont.	Maple Leaf Radio Co., Ltd.	(50)	101
CHNC	New Carlisle, Que.	Dr. Charles Houde	(100)	121
CHNS	Halifax, N. S.	Maritime Broadcast. Co., Ltd.	(500)	105
CHPR	St. John, N. B.	H. P. Robinson	(100)	137
CHRC	Quebec, Que.	CHRC, Limited	(100)	93
CHWC	Regina, Sask.	R. H. Williams & Sons, Ltd.	(500)	101
CHWK	Chilliwack, B. C.	Chilliwack Broadcasting Co., Ltd.	(100)	78
CJAT	Trail, B. C.	Trail Amateur Radio Ass'n	(50)	120
CJCA	Edmonton, Alta.	The Edmonton Journal, Ltd.	(1000)	73
CJCB	Sydney, N. S.	N. Wathanson	(50)	88
CJJC	Calgary, Alta.	The Alberta Pub. Co., Ltd.	(500)	69
CJCS	Surrey, Ont.	Geo. McLeod Coates	(500)	78
CJGX	Yorkton, Sask.	The Winnipeg Grain Exchange	(500)	63
CJKL	Kirkland Lake, Ont.	O. J. Thorpe & Branchaud	(100)	131
CJLS	Yarmouth, N. S.	Laurie & Smith	(100)	131
CJOC	Lethbridge, Alta.	Harold R. Carson	(100)	84
CJOR	Vancouver, B. C.	G. C. Chandler	(500)	60
CJRC	Middlechurch, Man.	James Richardson & Sons	(100)	139
CJRM	Moose Jaw, Sask.	Jas. Richardson & Sons, Ltd.	(1,000)	54
CJRW	Winnipeg, Man.	Jas. Richardson & Sons, Ltd.	(500)	54
CKAC	Montreal, Que.	La Presse Pub. Co., Ltd.	(5000)	73
CKBI	Prince Albert, Sask.	Prince Albert Radio Club	(100)	121
CKCD	Vancouver, B. C.	Vancouver Daily Province	(100)	101
CKCH	Hull, Quebec	Dr. J. L. Chabot	(100)	121
CKCK	Regina, Sask.	Leader-Post, Limited	(500)	101
CKCL	Toronto, Ont.	The Dominion Battery Co.	(500)	58
CKCO	Ottawa, Ont.	Dr. G. M. Geldert	(100)	101
CKCR	Kitchener, Ont.	W. C. Mitchell and G. Liddle	(100)	151
CKCV	Quebec, Que.	Vandry, Inc.	(50)	131
CKFC	Vancouver, B. C.	United Church of Canada	(50)	141
CKGB	Timmons, Ont.	R. H. Thompson	(100)	142
CKIC	Wolfville, N. S.	Acadia University	(50)	101
CKLW	Windsor, Ont.	Western Ontario Bcast. Co. Ltd.	(5000)	84

Complete
for
North
America

Alpha Call

Call	Location	Owner	Watts	Channel
CMHW	Cienfuegos	San Carlos No. 106	(100)	120
CMJC	Camaguey	Felix Sanchez	(150)	138
CMJE	Camaguey	Manuel Fernandez	(50)	117
CMJF	Camaguey	John L. Stowers	(200)	91
CMJG	Camaguey	Jose Antonio Lefran	(50)	105
CMJH	Ciego de Avila	Luis Marauri Mendosa	(50)	115
CMJI	Ciego de Avila	Gilberto Gesso Lopez	(45)	134
CMJL	Camaguey	Enrique Artimes	(50)	96
CMJN	Camaguey	Ernesto de Ugarriza	(50)	124
CMJO	Ciego de Avila	Jose M. Rey	(15)	101
CMJP	Moron, Cuba	Oscar Canals	(75)	136
CMK	Havana	Nat. Broadcasting Co. of Cuba	(5,000)	73
CMKC	Santiago de Cuba	Pinol, Battle y Compania	(150)	103
CMKJ	Guantanamo	Luis Morlote	(20)	130
CMQ	Havana	Miguel Gabriel	(500)	63
CMW	Havana	Trencoso-Gil	(1400)	60
CMX	Havana	Casa "Lavin"	(1000)	88
CRCA	Moncton, N. B.	Canadian Radio B'd'casting Com.	(500)	58
CRCM	Montreal, Que.	Canadian Radio B'd'casting Com.	(5000)	91
CRCO	Ottawa, Ont.	Canadian Radio B'd'casting Com.	(1000)	88
CRCS	Chicoutimi, Que.	Canadian Radio B'd'casting Com.	(100)	150
CRCT	Toronto, Ont.	Canadian Radio B'd'casting Com.	(5000)	96
CRCV	Vancouver, B. C.	Canadian Radio B'd'casting Com.	(1000)	110
HRK	Port au Prince	Garde d'Haiti	(1000)	92
HIJ	Santo Domingo, D. R.	F. A. Baez	(15)	119
HIL	Santo Domingo, D. R.	J. C. Teixido	(25)	88
HIT	Santo Domingo, D. R.	F. A. Sanabria	(10)	105
HIX	Santo Domingo	Government	(1000)	60
HIZ	Santo Domingo, D. R.	Frank Hutton	(10)	130
HRB	Tegucigalpa	Tropical Radio Telegraph Co.	(2300)	137
JRL	San Pedro Sula	Jose Lopez	(8)	135
KABC	San Antonio, Texas	Alamo Broadcasting Co., Inc.	(100)	142
KALE	Portland, Ore.	KALE, Inc.	(500)	130
KARK	Little Rock, Ark.	Arkansas Radio & Equip. Co.	(250)	89
KASA	Elk City, Okla.	E. M. Woody	(100)	121
KBPS	Portland, Ore.	Benson Polytechnic School	(100)	142
KBTM	Jonesboro, Ark.	W. J. Beard's Temple of Music	(100)	120
KCMC	Texarkana, Ark.	No. Mississippi Broads. Corp.	(100)	142
KCRC	Enid, Okla.	Enid Radiophone Co.	(100)	137
KCRJ	Jerome, Ariz.	Charles C. Robinson	(100)	131
KDB	Santa Barbara, Cal.	Santa Barbara Broadcasting, Ltd.	(100)	150
KDFN	Casper, Wyo.	Donald Lewis Hathaway	(500)	144
KDKA	Pittsburgh, Pa.	Westinghouse Elec. & Mfg. Co.	(50,000)	98
KDLR	Devils Lake, N. D.	KDLR, Inc.	(100)	121

Call	Location	Owner	Watts	Channel
KDYL	Salt Lake, Utah	Intermountain Broads. Corp.	(1000)	129
KECA	Los Angeles, Cal.	Earl C. Anthony, Inc.	(1000)	143
KELW	Burbank, Cal.	Evening Herald Publishing Co.	(500)	78
KERN	Bakersfield, Cal.	The Bee Bakersfield Broads. Co.	(100)	120
KEX	Portland, Ore.	The Oregonian Publishing Co.	(5000)	118
KFAB	Lincoln, Neb.	KFAB Broadcasting Co.	(25,000)	77
KFAC	Los Angeles, Cal.	Los Angeles Broadcasting Co.	(1000)	130
KFBB	Great Falls, Mont.	Bultry Broadcast, Inc.	(1000)	128
KFBI	Abilene, Kans.	Farmers & Bankers Life Ins. Co.	(5000)	105
KFBK	Sacramento, Cal.	James McClatchy Co.	(100)	131
KFBL	Everett, Wash.	Leese Bros.	(50)	137
KFDM	Beaumont, Texas	Sabine Broadcasting Co., Inc.	(500)	56
KFDY	Brookings, S. D.	South Dakota State College	(1000)	55
KFEL	Denver, Colo.	Eugene P. O'Fallon, Inc.	(500)	92
KFEQ	St. Joseph, Mo.	Sorogin & Co. Bank	(2500)	68
KFGQ	Boone, Iowa	Boone Biblical College	(100)	131
KFH	Wichita, Kan.	Radio Station KFH Co.	(1000)	130
KFI	Los Angeles, Cal.	Earl C. Anthony, Inc.	(50,000)	64
KFIO	Spokane, Wash.	Spokane Broadcasting Corp.	(100)	112
KFIZ	Fond du Lac, Wis.	The Reporter Printing Co.	(100)	142
KFJB	Marshalltown, Iowa	Marshall Electric Co., Inc.	(100)	120
KFJI	Klamath Falls, Ore.	KFJI Broadcasters, Inc.	(100)	121
KFJM	Grand Forks, N. D.	University of North Dakota	(100)	137
KFJR	Portland, Ore.	Ashley C. Dixon-KFJR, Inc.	(500)	130
KFJZ	Fort Worth, Tex.	Fort Worth B'd'cast'g Co., Inc.	(100)	137
KFKA	Greeley, Colo.	Mid-Western Radio Corporation	(500)	88
KFKU	Lawrence, Kan.	University of Kansas	(500)	122
KFLV	Rockford, Ill.	Rockford Broadcasters	(500)	141
KFNF	Shenandoah, Iowa	Henry Field Co.	(500)	89
KFOR	Lincoln, Neb.	Cornbelt Broadcasting Corp.	(100)	121
KFOX	Long Beach, Cal.	Nichols & Warlimer, Inc.	(1000)	125
KFPL	Dublin, Tex.	C. C. Baxter	(100)	131
KFPM	Greenville, Tex.	The New Furniture Co.	(15)	131
KFPW	Fort Smith, Ark.	Southwestern Hotel Co.	(100)	121
KFPY	Spokane, Wash.	Symens Broadcasting Co.	(1000)	134
KFQD	Anchorage, Alaska	Anchorage Radio Club, Inc.	(250)	60
KFRG	San Francisco, Cal.	Don Lee Broadcasting System	(1000)	61
KFRU	Columbia, Mo.	KFRU, Incorporated	(500)	63
KFSD	San Diego, Cal.	African Radio Corp., Ltd.	(1000)	60
KFSG	Los Angeles, Cal.	Echo Park Evang. Assn.	(500)	112
KFUO	St. Louis, Mo.	Concordia Seminary	(500)	55
KFVD	Los Angeles, Cal.	Los Angeles Broadcasting Co.	(250)	100
KFVS	Cape Girardeau, Mo.	Hirsch Battery & Radio Co.	(100)	121
KFWB	Hollywood, Cal.	Warner Bros. Broadcasting Corp.	(1000)	95

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Call	Location	Owner	Watts	Channel
KFWI	San Francisco, Cal.	Radio Enterprises, Inc.	(500)	93
KFXD	Nampa, Idaho	Frank E. Hurt	(100)	120
KFXF	Denver, Colo.	Colorado Radio Corporation	(500)	92
KFXJ	Grand Junction, Colo.	Western Slope Broadcasting Co.	(100)	120
KFXM	S. Bernardino, Cal.	J. C. and E. W. Lee	(100)	121
KFXR	Oklahoma City	Exchange Avenue Baptist Church	(100)	131
KFYD	Lubbock, Tex.	Kirksey Bros.	(100)	131
KFYR	Bismarck, N. D.	Meyer Broadcasting Co.	(1000)	55
KGA	Spokane, Wash.	Mosby's, Incorporated	(5000)	147
KGAR	Tucson, Ariz.	Tucson Motor Service Co.	(100)	137
KGB	San Diego, Cal.	Don Lee Broadcasting System	(1000)	133
KGBX	Springfield, Mo.	KGBX, Inc.	(100)	131
KGBZ	York, Neb.	KGBZ Broadcasting Co.	(500)	93
KGBU	Ketchikan, Alaska	Alaska Radio & Service Co., Inc.	(500)	90
KGCA	Decorah, Iowa	Chas. W. Greenley	(100)	127
KGCR	Watertown, S. D.	Greater Kampeska Radio Corp.	(100)	121
KGCU	Mandan, N. D.	Mandan Radio Assn.	(250)	124
KGCX	Wolf Point, Mont.	E. E. Krebsbach	(100)	131
KGDA	Mitchell, S. D.	Mitchell Broadcasting Corp.	(100)	137
KGDE	Fergus Falls, Minn.	Charles L. Jaren	(100)	120
KGDM	Stockton, Cal.	E. F. Peller	(250)	110
KGDY	Huron, S. D.	Voice of So. Dakota	(250)	134
KGEK	Yuma, Colo.	Elmer G. Beeher	(100)	120
KGER	Long Beach, Cal.	Cons. Broadcasting Corp., Ltd.	(1000)	136
KGEZ	Kalispell, Mont.	Donald C. Treloar	(100)	131
KGFF	Shawnee, Okla.	KGFF Broadcasting Co.	(100)	142
KGFG	Oklahoma City	Oklahoma Broadcasting Co., Inc.	(100)	137
KGFI	Corpus Christi, Tex.	Eagle Broadcasting Co., Inc.	(100)	150
KGFJ	Los Angeles, Cal.	Ben S. McGlashan	(100)	120
KGFK	Moorhead, Minn.	Red River Broadcasting Co., Inc.	(100)	150
KGFL	Roswell, N. M.	KGFL, Inc.	(100)	137
KGFW	Kearney, Neb.	Central Nebraska B'd'castg Co.	(100)	131
KGFX	Pierre, S. D.	Dana McNeil	(200)	63
KGGC	San Francisco, Cal.	Golden Gate Broadcasting Co.	(100)	142
KGGF	Coffeyville, Kansas	Powell & Platz	(500)	101
KGGM	Albuquerque, N. M.	New Mexico Broadcasting Co.	(250)	123
KGHF	Pueblo, Colo.	Curtis P. Ritchie	(250)	132
KGHI	Little Rock, Ark.	Lloyd Judd Company	(100)	120
KGHL	Billings, Mont.	Northwestern Auto Sup. Co., Inc.	(1000)	95
KGIR	Butte, Mont.	KGIR, Inc.	(500)	136
KGIW	Alamosa, Colo.	Leonard E. Wilson	(100)	142
KGIX	Las Vegas, Nev.	J. M. Heaton	(100)	142
KGKB	Tyler, Tex.	East Texas Broadcasting Co.	(100)	150
KGKL	San Angelo, Tex.	KGKL, Inc.	(100)	137

Call	Location	Owner	Watts	Channel
KGKO	Wichita Falls, Tex.	Wichita Falls Broadcasting Co.	(250)	57
KGKY	Scottsbluff, Neb.	Hillard Co., Inc.	(100)	150
KGMB	Honolulu, T. H.	Honolulu Radio Co., Ltd.	(250)	132
KGNF	North Platte, Neb.	Great Plains Broadcasting Co.	(500)	143
KGNO	Dodge City, Kan.	Dodge City Broads. Co., Inc.	(250)	134
KGO	San Francisco	National Broadcasting Co., Inc.	(7500)	79
KGRS	Amarillo, Tex.	Gian Radio Service	(1000)	141
KGVO	Missoula, Mont.	Mosby's, Incorporated	(100)	120
KGU	Honolulu, T. H.	Marion A. Mulrony Pub. Co.	(2500)	75
KGW	Portland, Ore.	Oregonian Publishing Co.	(1000)	62
KGY	Olympia, Wash.	KGY, Incorporated	(100)	121
KHJ	Los Angeles, Cal.	Don Lee Broadcasting System	(1000)	90
KHQ	Spokane, Wash.	Louis Wasmer, Inc.	(1000)	59
KICA	Clovis, N. M.	Southwest Broadcasting Co.	(100)	137
KICK	Carter Lake, Iowa	Red Oak Radio Corp.	(100)	142
KID	Idaho Falls, Ida.	KID Broadcasting Co.	(250)	132
KIDO	Boise, Idaho	Boise Broadcast Station	(1000)	135
KIDW	Lamar, Colo.	Lamar Broadcasting Company	(100)	142
KIEM	Eureka, Cal.	Harold Hanseth	(100)	131
KIEV	Glendale, Cal.	Cannon System, Ltd.	(100)	85
KIFH	Juneau, Alaska	Juneau Broadcasting Co.	(100)	131
KIT	Yakima, Wash.	Carl E. Haymond	(100)	131
KJBS	San Francisco, Cal.	Julius Brunton & Sons Co.	(100)	107
KJR	Seattle, Wash.	Fishers Blend Station, Inc.	(5000)	97
KJCN	Blytheville, Ark.	Charles Lee Lintzenich	(100)	129
KLO	Ogden, Utah	Interstate Broadcasting Corp.	(500)	140
KLPM	Minot, N. D.	John B. Cooley	(250)	124
KLRA	Little Rock, Ark.	Arkansas Broadcasting Co.	(1000)	139
KLS	Oakland, Cal.	Warner Bros.	(250)	144
KLUF	Galveston, Tex.	George Roy Clough	(100)	137
KLX	Oakland, Cal.	Tribune Building Co.	(1000)	88
KLZ	Denver, Colo.	Reynolds Radio Co., Inc.	(1000)	56
KMA	Shenandoah, Iowa	May Seed & Nursery Co.	(500)	93
KMAC	San Antonio, Tex.	W. W. McAllister	(100)	137
KMBC	Kansas City, Mo.	Midland Broadcasting Co., Inc.	(1000)	95
KMED	Medford, Ore.	Mrs. W. J. Virgin	(100)	131
KMJ	Fresno, Cal.	James McClatchy Co.	(500)	58
KMLB	Monroe, La.	Liner's Broadcasting Station, Inc.	(100)	120
KMMJ	Clay Center, Neb.	The M. M. Johnson Co.	(1000)	74
KMO	Tacoma, Wash.	KMO, Inc.	(250)	133
KMOX	St. Louis, Mo.	Voice of St. Louis, Inc.	(50,000)	109
KMPC	Beverly Hills, Cal.	Beverly Hills Broadcasting Corp.	(500)	71
KMTR	Los Angeles, Cal.	KMTR Radio Corp.	(500)	57
KNOW	Austin, Tex.	Southwest Broadcasting Co.	(100)	150

Call	Location	Owner	Watts	Channel
KNX	Los Angeles, Cal.	(50,000) Western Broadcast Co.		10
KOA	Denver, Colo.	(50,000) National Broadcasting Co., Inc.		8
KOAC	Corvallis, Ore.	(1000) Oregon State Agri. College		5
KOB	Albuquerque	(10,000) N. M. College of Agri. & M. Arts		11
KOH	Reno, Nev.	(500) The Bee, Inc.		13
KOIL	Council Bluffs, Ia.	(1000) Monsa Motor Oil Co.		12
KOIN	Portland, Ore.	(1000) KOIN, Inc.		9
KOL	Seattle, Wash.	(1000) Seattle Broadcasting Co., Inc.		12
KOMA	Oklahoma City	(5,000) National Radio Mfg. Co.		14
KOMO	Seattle, Wash.	(1000) Fisher's Blend Station, Inc.		9
KONO	San Antonio, Tex.	(100) Mission Broadcasting Co.		13
KOOS	Marshallfield, Ore.	(100) H. H. Hanseth, Inc.		13
KORE	Eugene, Ore.	(100) Eugene Broadcast Station		14
KOY	Phoenix, Ariz.	(500) Nielsen Radio Company		13
KPJB	Seattle, Wash.	(100) Queen City Broadcast Co.		6
KPJM	Prescott, Ariz.	(100) Scott and Sturn		15
KPO	San Francisco	(50,000) National Broadcasting Co., Inc.		6
KPOI	Denver, Colo.	(500) Pillar of Fire, Inc.		8
KPPC	Pasadena, Cal.	(50) Pasadena Presbyterian Church		12
KPQ	Wenatchee, Wash.	(100) Westcoast Broadcasting Co.		15
KPRC	Houston, Tex.	(1000) Houston Printing Co.		9
KQV	Pittsburgh, Pa.	(500) KQV Broadcasting Co.		13
KQW	San Jose, Cal.	(500) Pacific Agri. Foundation, Ltd.		10
KRE	Berkeley, Cal.	(100) First Cong. Church of Berkeley		13
KREG	Santa Ana, Cal.	(100) The Voice of the Orange Empire		15
KRGV	Hartlingen, Tex.	(500) KRGV, Inc.		12
KRKD	Los Angeles, Cal.	(500) Firebird Broadcasting Co.		11
KRLD	Dallas, Tex.	(10,000) KRLD Radio Corp.		10
KRMD	Shreveport, La.	(100) Radio Station KRMD, Inc.		13
KROW	Oakland, Cal.	(500) Educational Broadcasting Corp.		9
KRSC	Seattle, Wash.	(100) Radio Sales Corp.		11
KSAC	Manhattan, Kan.	(500) Kansas State Agri. College		5
KSCJ	Sioux City, Iowa	(1000) Perkins Bros. Co.		13
KSD	St. Louis, Mo.	(500) Pulitzer Publishing Co.		5
KSEI	Pocatello, Idaho	(250) Radio Service Corporation		9
KSL	Salt Lake, Utah	(50,000) Radio Serv. Corp. of Utah		13
KSO	Des Moines, Iowa	(100) Iowa Broadcasting Co.		13
KSDO	Sioux Falls, S. D.	(2500) Sioux Falls Broadcast Assn., Inc.		11
KSTP	St. Paul, Minn.	(10,000) National Battery Broadc. Co.		14
KSUN	Lowell, Ariz.	(100) Copper Electric Company, Inc.		12
KTAB	Oakland, Cal.	(1000) Associated Broadcasters, Inc.		5
KTAR	Phoenix, Ariz.	(500) KTAR Broadcasting Co.		6
KTAT	Fort Worth, Texas	(1000) KTAT Broadcast Co., Inc.		12
KTBS	Shreveport, La.	(1000) Tri State Broadcasting System		14
KTFI	Twin Falls, Idaho	(500) Radio Broadcasting Corp.		12
KTHS	Hot Springs, Ark.	(10,000) Hot Springs C. of C.		10
KTM	Los Angeles, Cal.	(500) Pickwick Broadcastine Corp.		7
KTRH	Houston, Tex.	(500) KTRH Broadcasting Co.		11
KTSA	San Antonio, Tex.	(1000) Southwest Broadcasting Co.		12
KTSM	El Paso, Tex.	(100) Tri-State Broadcasting Co., Inc.		13
KTUL	Tulsa, Okla.	(250) J. T. Griffin		14
KTW	Seattle, Wash.	(1000) First Presbyterian Church		12
KUJ	Walla Walla, Wash.	(100) KUJ, Inc.		13

WAAF	Chicago, Ill.	(500)	92
WAAT	Jersey City, N. J.	(500)	94
WAOW	Omaha, Neb.	(500)	66
WABC	New York, N. Y.	(50,000)	86
WABI	Bangor, Maine	(100)	120
WACO	Waco, Tex.	(100)	142
WADC	Akron, Ohio	(1,000)	132
WAGM	Presque Isle, Me.	(100)	142
WAUO	Columbus, Ohio	(500)	64
WALR	Zanesville, Ohio	(100)	121
WAMC	Anniston, Ala.	(100)	142
WAML	Laurel, Miss.	(100)	131
WAPI	Birmingham, Ala.	(5,000)	114
WARD	Brooklyn, N. Y.	(500)	140
WASH	Grand Rapids, Mich.	(500)	127
WAVE	Louisville, Ky.	(1,000)	94
WAWZ	Zarephath, N. J.	(250)	135
WAZL	Hazleton, Pa.	(100)	142
WBAA	W. Lafayette, Ind.	(500)	140
WBAK	Harrisburg, Pa.	(1,000)	143
WBAL	Baltimore, Md.	(10,000)	106
WBAP	Ft. Worth, Tex.	(50,000)	80
WBAX	Wilkes-Barre, Pa.	(100)	121
WBBC	Brooklyn, N. Y.	(500)	140
WBBL	Richmond, Va.	(100)	121
WBBM	Chicago, Ill.	(25,000)	77
WBBR	Brooklyn, N. Y.	(1,000)	130
WBBX	New Orleans, La.	(100)	120
WBBZ	Ponca City, Okla.	(100)	120
WBCM	Bay City, Mich.	(500)	141
WBEN	Buffalo, N. Y.	(1,000)	90
WBEO	Marquette, Mich.	(100)	131
WBHS	Huntsville, Ala.	(100)	120
WBIG	Greensboro, N. C.	(500)	144
WBMS	Hackensack, N. J.	(250)	145
WBNX	New York, N. Y.	(250)	135
WBOW	Terre Haute, Ind.	(100)	131
WBRC	Birmingham, Ala.	(500)	93
WBRE	Wilkes-Barre, Pa.	(100)	131
WBSO	Needham, Mass.	(500)	92
WBT	Charlotte, N. C.	(50,000)	108
WBTM	Danville, Va.	(100)	137
WBZ	Boston, Mass.	(50,000)	99
WCAC	Storrs, Conn.	(250)	60
WCAD	Canton, N. Y.	(500)	122
WCAE	Pittsburgh, Pa.	(1,000)	122
WCAH	Columbus, Ohio	(500)	143
WCAL	Northfield, Minn.	(1,000)	125
WCAM	Camden, N. J.	(500)	128
WCAO	Baltimore, Md.	(250)	60
WCAP	Asbury Park, N. J.	(500)	128
WCAT	Rapid City, S. D.	(100)	120
WCAU	Philadelphia, Pa.	(50,000)	117

WCAX	Burlington, Vt.	(100)	120
WCAZ	Carthage, Ill.	(50)	107
WCBA	Allentown, Pa.	(250)	144
WCBD	Zion, Ill.	(5,000)	108
WCBM	Baltimore, Md.	(100)	137
WCBS	Springfield, Ill.	(100)	121
WCCO	Minneapolis, Minn.	(50,000)	81
WCFL	Chicago, Ill.	(5,000)	97
WCKY	Covington, Ky.	(5,000)	149
WCLO	Janesville, Wis.	(100)	120
WCLS	Joliet, Ill.	(100)	131
WCMA	Culver, Ind.	(500)	140
WCNW	Brooklyn, N. Y.	(100)	150
WCOA	Pensacola, Fla.	(500)	134
WCOC	Meridian, Miss.	(500)	88
WCRW	Chicago, Ill.	(100)	121
WCSC	Charleston, S. C.	(500)	136
WCSH	Portland, Maine	(1,000)	94
WDAE	Tampa, Fla.	(1,000)	122
WDAF	Kansas City, Mo.	(1,000)	61
WDAG	Amarillo, Tex.	(1,000)	141
WDAH	El Paso, Tex.	(100)	131
WDAS	Philadelphia, Pa.	(100)	137
WDAY	Fargo, N. D.	(1,000)	94
WDBJ	Roanoke, Va.	(500)	93
WDBO	Orlando, Fla.	(250)	58
WDEL	Wilmington, Del.	(250)	112
WDEV	Waterbury, Vt.	(500)	55
WDGY	Minneapolis, Minn.	(1,000)	118
WDDO	Chattanooga, Tenn.	(1,000)	128
WDRC	Hartford, Conn.	(1,000)	133
WDSU	New Orleans, La.	(1,000)	125
WDZ	Tuscola, Ill.	(100)	107
WEAF	New York, N. Y.	(50,000)	66
WEAN	Providence, R. I.	(500)	78
WEBC	Superior, Wis.	(1,000)	129
WEBC	Harrisburg, Ill.	(100)	121
WEBC	Buffalo, N. Y.	(100)	131
WEDC	Chicago, Ill.	(100)	121
WEED	Greenville, N. C.	(100)	142
WEEL	Boston, Mass.	(1,000)	59
WEEO	Reading, Pa.	(1,000)	83
WEHC	Charlottesville, Va.	(500)	135
WEHS	Chicago, Ill.	(100)	142
WELL	Battle Creek, Mich.	(50)	142
WENC	Albany, Ga.	(100)	142
WENR	Chicago, Ill.	(50,000)	87
WESG	Elmira, N. Y.	(1,000)	104
WEVD	New York, N. Y.	(500)	130
WEW	St. Louis, Mo.	(1,000)	76
WEXL	Royal Oak, Mich.	(50)	131
WFAA	Dallas, Tex.	(50,000)	80
WFAB	New York, N. Y.	(1,000)	130

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WFAM	South Bend, Ind.	(100)	120
WFAS	White Plains, N. Y.	(100)	121
WFBC	Greenville, S. C.	(100)	120
WFBE	Cincinnati, Ohio	(100)	120
WFBG	Altoona, Pa.	(100)	131
WFBM	Indianapolis, Ind.	(1,000)	123
WFBT	Baltimore, Md.	(500)	127
WFDF	Flint, Mich.	(100)	131
WFDV	Rome, Ga.	(100)	150
WFEA	Manchester, N. H.	(500)	143
WFI	Philadelphia, Pa.	(500)	56
WFLA	Clearwater, Fla.	(1,000)	62
WGL	Lancaster, Pa.	(100)	131
WGAR	Cleveland, Ohio	(500)	145
WGBB	Freeport, N. Y.	(100)	121
WGBF	Evansville, Ind.	(500)	63
WGBI	Scranton, Pa.	(250)	88
WGCM	Mississippi City	(100)	121
WGCP	Newark, N. J.	(1,000)	125
WGES	Chicago, Ill.	(500)	136
WGH	Newport News, Va.	(100)	131
WGL	Ft. Wayne, Ind.	(100)	137
WGLC	Hudson Falls, N. Y.	(100)	137
WGN	Chicago, Ill.	(50,000)	72
WGNV	Chester Twp., N. Y.	(100)	121
WGR	Buffalo, N. Y.	(1,000)	55
WGST	Atlanta, Ga.	(250)	89
WGY	Schenectady, N. Y.	(50,000)	79
WHA	Madison, Wis.	(1,000)	94
WHAD	Milwaukee, Wis.	(250)	112
WHAM	Rochester, N. Y.	(50,000)	115
WHAS	Louisville, Ky.	(50,000)	82
WHAT	Philadelphia, Pa.	(100)	131
WHAZ	Troy, N. Y.	(500)	130
WHB	Kansas City, Mo.	(500)	86
WHBC	Canton, Ohio	(100)	120
WHBD	Mt. Orab, Ohio	(100)	137
WHBF	Rock Island, Ill.	(100)	121
WHBL	Sheboygan, Wis.	(500)	141
WHBQ	Memphis, Tenn.	(100)	137
WHBU	Anderson, Ind.	(100)	121
WHBY	Green Bay, Wis.	(100)	120
WHDF	Calumet, Mich.	(100)	137
WHDH	Boston, Mass.	(1,000)	83
WHDL	Tupper Lake, N. Y.	(100)	142
WHED	Portsmouth, N. H.	(250)	74
WHFC	Rochester, N. Y.	(500)	143
WHFE	Kosciusko, Miss.	(100)	150
WHET	Dothan, Alabama	(100)	137
WHFC	Chicago, Ill.	(100)	142

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WHIS	Bluefield, W. Va.	(250)	141
WHK	Cleveland, Ohio	(1,000)	139
WHN	New York, N. Y.	(250)	101
WHOM	Jersey City, N. J.	(250)	145
WHP	Harrisburg, Pa.	(500)	143
WIAS	Ottumwa, Iowa	(100)	131
WIBA	Madison, Wis.	(500)	128
WIBG	Glenside, Pa.	(100)	97
WIBM	Jackson, Mich.	(100)	137
WIBO	Chicago, Ill.	(1,000)	56
WIBU	Poynette, Wis.	(100)	121
WIBW	Topeka, Kan.	(1,000)	58
WIBX	Utica, N. Y.	(100)	120
WICC	Bridgeport, Conn.	(250)	60
WIL	St. Louis, Mo.	(100)	120
WILL	Urbana, Ill.	(250)	89
WILM	Wilmington, Del.	(100)	142
WIND	Gary, Ind.	(1,000)	56
WINS	New York, N. Y.	(500)	118
WIOD	Miami, Fla.	(1,000)	130
WIP	Philadelphia, Pa.	(500)	61
WIS	Columbia, S. C.	(5,000)	105
WISN	Milwaukee, Wis.	(250)	112
WJAC	Johnstown, Pa.	(100)	131
WJAG	Norfolk, Neb.	(1,000)	106
WJAR	Providence, R. I.	(500)	89
WJAS	Pittsburgh, Pa.	(1,000)	129
WJAX	Jacksonville, Fla.	(1,000)	90
WJAY	Cleveland, Ohio	(500)	61
WJBG	LaSalle, Ill.	(100)	120
WJBI	Redbank, N. J.	(100)	121
WJBK	Detroit, Mich.	(50)	137
WJBL	Decatur, Ill.	(100)	120
WJBO	Baton Rouge, La.	(100)	142
WJBW	New Orleans, La.	(100)	120
WJBY	Gadsden, Ala.	(100)	121
WJDX	Jackson, Miss.	(1,000)	127
WJEJ	Hagerstown, Md.	(100)	121
WJEM	Tupelo, Miss.	(500)	99
WJJD	Chicago, Ill.	(20,000)	113
WJMS	Ironwood, Mich.	(100)	142
WJSV	Washington, D. C.	(10,000)	146
WJTL	Atlanta, Ga.	(100)	137
WJW	Akron, Ohio	(100)	121
WJZ	New York, N. Y.	(50,000)	76
WKAQ	San Juan, P. R.	(1,000)	124
WKAR	E. Lansing, Mich.	(1,000)	104
WKAV	Laconia, N. H.	(100)	131
WKBB	East Dubuque, Ill.	(100)	150
WKBC	Birmingham, Ala.	(250)	131

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WKBF	Indianapolis, Ind.	(500)	140
WKBH	LaCrosse, Wis.	(1,000)	138
WKBH	Chicago, Ill.	(100)	142
WKBH	Youngstown, Ohio	(500)	57
WKBH	Harrisburg, Pa.	(100)	120
WKBH	Richmond, Indiana	(100)	150
WKBH	Buffalo, N. Y.	(5,000)	148
WKBH	Ludington, Mich.	(100)	150
WKEU	La Grange, Ga.	(100)	150
WKEU	Greenwood, Miss.	(100)	121
WKJC	Lancaster, Pa.	(100)	120
WKOK	Sunbury, Pa.	(100)	121
WKRC	Cincinnati, Ohio	(1,000)	55
WKY	Oklahoma City	(1,000)	90
WKZO	Kalamazoo, Mich.	(1,000)	59
WLAC	Nashville, Tenn.	(5,000)	147
WLAP	Louisville, Ky.	(100)	142
WLB	Minneapolis, Minn.	(1,000)	125
WLB	Muncie, Ind.	(1,000)	131
WLB	Kansas City, Kan.	(100)	142
WLB	Stevens Pt., Wis.	(2,500)	90
WLBW	Erie, Pa.	(500)	126
WLBZ	Bangor, Maine	(500)	62
WLEU	Erie, Pa.	(100)	142
WLEY	Lexington, Mass.	(100)	137
WLIT	Philadelphia, Pa.	(500)	56
WLOE	Boston, Mass.	(100)	150
WLS	Chicago, Ill.	(50,000)	87
WLTH	Brooklyn, N. Y.	(500)	140
WLVA	Lynchburg, Va.	(100)	137
WLW	Cincinnati, Ohio	(50,000)	70
WLWL	New York, N. Y.	(5,000)	110
WMAL	Washington, D. C.	(250)	63
WMAQ	Chicago, Ill.	(5,000)	67
WMAS	Springfield, Mass.	(100)	142
WMAZ	Macon, Ga.	(500)	118
WMBC	Detroit, Mich.	(100)	142
WMBD	Peoria, Ill.	(500)	144
WMBG	Richmond, Va.	(100)	121
WMBH	Joplin, Mo.	(100)	142
WMBI	Chicago, Ill.	(5,000)	108
WMBQ	Auburn, N. Y.	(100)	131
WMBQ	Brooklyn, N. Y.	(100)	150
WMBR	Jacksonville, Fla.	(100)	137
WMC	Memphis, Tenn.	(500)	78
WMCA	New York, N. Y.	(500)	57
WMMN	Fairmont, W. Va.	(250)	89
WMPC	Lapeer, Mich.	(100)	150
WMT	Waterloo, Iowa	(1,000)	60
WNAC	Boston, Mass.	(1,000)	123
WNAD	Norman, Okla.	(500)	101

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Call	Location	Owner	Watts	Channel
WNAX	Yankton, S. D.	(1000) House of Gurney, Inc.	57	
WNBF	Binghamton, N. Y.	(100) Howitt-Wood Radio Co., Inc.	150	
WNBH	New Bedford, Mass.	(100) New Bedford Broadcasting Co.	131	
WNBO	Silver Haven, Pa.	(100) John Brownes Spriggs	120	
WNBR	Memphis, Tenn.	(500) Memphis Broadcasting Co.	143	
WNBW	Carbondale, Pa.	(10) WNBW, Inc.	120	
WNBX	Springfield, Vt.	(250) WNAX Broadcasting Corp.	126	
WNBZ	Saranac Lake, N. Y.	(50) Smith & Mace	129	
WNEL	San Juan, P. R.	(500) Juan Piza	129	
WNEW	Newark, N. J.	(1000) Wodnam Corp.	125	
WNOX	Knoxville, Tenn.	(1000) WNOX, Inc.	56	
WNRA	Muscle Shoals, Ala.	(100) Kathryn Jones	142	
WNYC	New York, N. Y.	(500) City of New York	81	
WOAI	San Antonio	(50,000) Southern Industries, Inc.	119	
WOBU	Charleston, W. Va.	(250) WOBU, Inc.	58	
WOC	Des Moines, Iowa	(50,000) Central Broadcasting Co.	100	
WOCL	Jamestown, N. Y.	(50) A. E. Newton	121	
WODX	Mobile, Ala.	(500) Mobile Broadcasting Corp.	141	
WOI	Ames, Iowa	(5000) Iowa State Col. of Agriculture	64	
WOKO	Albany, N. Y.	(500) WOKO, Inc.	143	
WOL	Washington, D. C.	(100) American Broadcasting Co.	131	
WOMT	Manitowoc, Wis.	(100) Francis M. Kadaw	121	
WOOD	Grand Rapids, Mich.	(500) Kunsy-Treadle Broadcast. Corp.	127	
WOPI	Bristol, Tenn.	(100) Radiophone Broadcasting Sta.	150	
WOQ	Kansas City, Mo.	(1000) Unity School of Christianity	130	
WOR	Newark, N. J.	(50,000) Bamberger Broadcasting Service	71	
WORC	Worcester, Mass.	(500) Alfred Frank Kleindienst	128	
WORK	York, Pa.	(1000) York Broadcasting Company	100	
WOS	Jefferson City, Mo.	(500) Missouri State Highway Patrol	63	
WOSU	Columbus, Ohio	(1000) Ohio State University	57	
WOV	New York, N. Y.	(1000) International Broadcasting Corp.	113	
WOW	Omaha, Neb.	(1000) W. O. W. Life Ins. Assn.	59	
WOWO	Ft. Wayne, Ind.	(10,000) Main Auto Supply Co.	116	
WPAD	Paducah, Ky.	(100) Paducah Broadcasting Co.	142	
WPCC	Chicago, Ill.	(500) North Shore Church	56	
WPEN	Philadelphia, Pa.	(250) Wm. Penn Broadcasting Co.	92	
WPFB	Hattiesburg, Miss.	(100) Otis Perry Eure	137	
WPG	Atlantic City, N. J.	(5,000) Columbia Broadcasting System	110	
WPHR	Petersburg, Va.	(100) WLBG, Inc.	120	
WPRO	Providence, R. I.	(100) Cherry & Webb Broadcasting Co.	121	
WPTF	Raleigh, N. C.	(5000) WPTF Radio Co.	68	
WOAM	Miami, Fla.	(1000) Miami Broadcasting Co.	56	
WOAN	Scranton, Pa.	(250) E. J. Lynett, Proprietor	88	
WQBC	Vicksburg, Miss.	(500) Delta Broadcasting Co., Inc.	136	
WQDM	St. Albans, Vt.	(100) St. Antoine and Regan	137	
WQDX	Thomasville, Ga.	(100) Stevens Luke	121	
WRAC	Williamsport, Pa.	(100) WRAC, Inc.	137	
WRAM	Wilmington, N. C.	(100) Wilmington Radio Assn., Inc.	137	
WRAW	Reading, Pa.	(100) Reading Broadcasting Co.	131	
WRAX	Philadelphia, Pa.	(250) WRAX Broadcasting Co.	100	
WRBL	Columbus, Ga.	(100) WRBL Radio Station, Inc.	121	

HOW TIME CHANGES

180	165	150	135	120	105	90	75	60	45	30	15	0	15	30	45	60	75	90	105	120	135	150	165	180
DATE LINE	UNALASKA	SEWARD	JUNEAU	SAN FRANCISCO	DENVER	CHICAGO	NEW YORK	BUENOS AIRES	RIO JANEIRO	AZORES	ICELAND	LONDON	BERLIN	MOSCOW	BAGDAD	BAKU	BOMBAY	CALCUTTA	BANGKOK	MANILA	TOKYO	SYDNEY	AUCKLAND	DATE LINE
MN	1	2	3	4	5	6	7	8	9	10	11	M	1	2	3	4	5	6	7	8	9	10	11	MN
1	2	3	4	5	6	7	8	9	10	11	M	1	2	3	4	5	6	7	8	9	10	11	MN	1
2	3	4	5	6	7	8	9	10	11	M	1	2	3	4	5	6	7	8	9	10	11	MN	1	2
3	4	5	6	7	8	9	10	11	M	1	2	3	4	5	6	7	8	9	10	11	MN	1	2	3
4	5	6	7	8	9	10	11	M	1	2	3	4	5	6	7	8	9	10	11	MN	1	2	3	4
5	6	7	8	9	10	11	M	1	2	3	4	5	6	7	8	9	10	11	MN	1	2	3	4	5
6	7	8	9	10	11	M	1	2	3	4	5	6	7	8	9	10	11	MN	1	2	3	4	5	6
7	8	9	10	11	M	1	2	3	4	5	6	7	8	9	10	11	MN	1	2	3	4	5	6	7
8	9	10	11	M	1	2	3	4	5	6	7	8	9	10	11	MN	1	2	3	4	5	6	7	8
9	10	11	M	1	2	3	4	5	6	7	8	9	10	11	MN	1	2	3	4	5	6	7	8	9
10	11	M	1	2	3	4	5	6	7	8	9	10	11	MN	1	2	3	4	5	6	7	8	9	10
11	M	1	2	3	4	5	6	7	8	9	10	11	MN	1	2	3	4	5	6	7	8	9	10	11
M	1	2	3	4	5	6	7	8	9	10	11	MN	1	2	3	4	5	6	7	8	9	10	11	M
1	2	3	4	5	6	7	8	9	10	11	MN	1	2	3	4	5	6	7	8	9	10	11	M	1
2	3	4	5	6	7	8	9	10	11	MN	1	2	3	4	5	6	7	8	9	10	11	M	1	2
3	4	5	6	7	8	9	10	11	MN	1	2	3	4	5	6	7	8	9	10	11	M	1	2	3
4	5	6	7	8	9	10	11	MN	1	2	3	4	5	6	7	8	9	10	11	M	1	2	3	4
5	6	7	8	9	10	11	MN	1	2	3	4	5	6	7	8	9	10	11	M	1	2	3	4	5
6	7	8	9	10	11	MN	1	2	3	4	5	6	7	8	9	10	11	M	1	2	3	4	5	6
7	8	9	10	11	MN	1	2	3	4	5	6	7	8	9	10	11	M	1	2	3	4	5	6	7
8	9	10	11	MN	1	2	3	4	5	6	7	8	9	10	11	M	1	2	3	4	5	6	7	8
9	10	11	MN	1	2	3	4	5	6	7	8	9	10	11	M	1	2	3	4	5	6	7	8	9
10	11	MN	1	2	3	4	5	6	7	8	9	10	11	M	1	2	3	4	5	6	7	8	9	10
11	MN	1	2	3	4	5	6	7	8	9	10	11	M	1	2	3	4	5	6	7	8	9	10	11
MN	1	2	3	4	5	6	7	8	9	10	11	M	1	2	3	4	5	6	7	8	9	10	11	MN
12P	11P	10P	9P	8P	7P	6P	5P	4P	3P	2P	1P	0	1M	2M	3M	4M	5M	6M	7M	8M	9M	10M	11M	12M

This table contains the changes in time, in plainly marked figures, that take place as the time zones of the earth are traversed, and is designed for instant reckoning of time as given in another zone. In this chart, it will be noticed that Greenwich meridian, from whence standard time is reckoned, is in the center and the International Date Line is on either side. While identical in principle and operation with the time zone map, it affords easier reckoning. M indicates noon and MN midnight; the AM figures (from midnight to noon) are printed in lightface type, while the PM figures are dark. The degree figures at the top indicate the meridian while the plus and minus figures (at the bottom) show the hours to be added to or taken from Greenwich time.

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