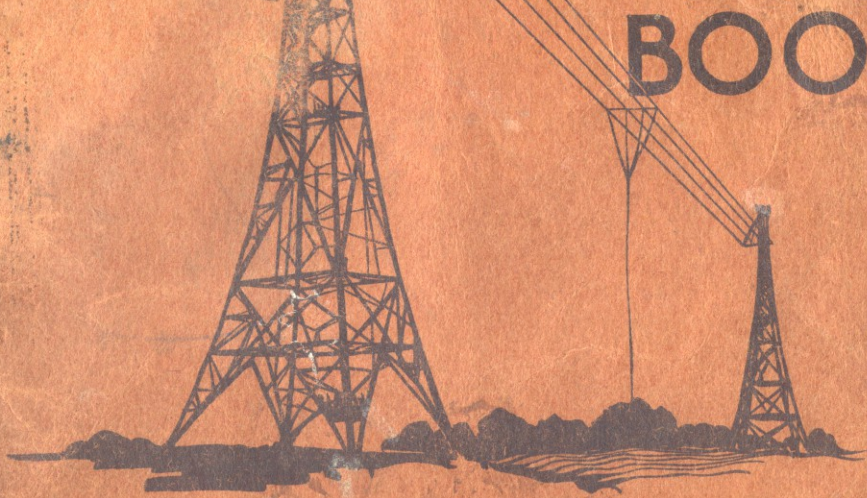


ANSWERS



**WORLD
RADIO
ATLAS,
GAZETTEER
AND
LOG
BOOK**



THE "CONCERTS" OF EUROPE

NOTE:—The wavelengths given below are the new ones allotted by the recent Lucerne Wavelength Conference, but experimental changes may be made during the early part of 1934.

Name of Station	Country	Page No. and Map Ref.	Station Information	Wave-length (metres)	Your Dial Readings
Aberdeen	Gt. Britain	6 D 1	Generally Relays Scottish Regional Prog.	222.6	
Algiers	Algeria	10 D 3	Usually announces in French, Pronounces name of station as "Alzhay"	318.8 1639	
Ankara	Turkey	8 B 5	Turkish and French languages		
Athlone	Irish Free State	6 C 2	Relays the programme from the Dublin Studio	531	
Barcelona	Spain	6 E 4	Call EAJ 25. Only Sats. 8.30—9.30 p.m.	50	
Radio Club Barcelona	Spain	" "	"Radio Barcelona." Man announcer. Closes down with "Buenos Noches" (Goodnight)	274	
Bari	Italy	7 H 4	Usually relays Rome programmes	283.3	
Belfast	Gt. Britain	6 C 2	Uses low power, but a new Belfast station is planned	267.4	
Belgrade	Yugoslavia	7 J 4	Name sounds like "Baograd." Clock ticks in interval—60 per minute	437.3 352.9	
Bergen	Norway	8 A 2	Announces "Bergen Her"	356.7	
Berlin	Germany	7 G 2	(See also Konigswusterhausen)		
Beromunster	Switzerland	6 F 3	Announces in German. Refers to station as "Schweizerischer Landessender"	539.6	
Boden	Sweden	8 A 2	Generally relays the Stockholm programme. Is shortly to increase power	726 559.7	
Bolzano	Italy	7 G 3	Low powered station seldom heard in Britain		
Bordeaux	France	6 D 4	Frequently Relays Paris and other French stations. Announces "Bordeaux Lafayette"	278.6 285.7 1875	
Bournemouth	Gt. Britain	6 D 2	Generally Relays London Regional		
Brasov	Roumania	7 K 3	New low-powered station		
Bratislava	Czecho Slovakia	7 H 3	Name pronounced as in English. Man and Woman announcers	298.8	
Breslau	Germany	7 H 2	Uses metronome sometimes in intervals. Works with Gleiwitz	315.8	
Brno	Czecho Slovakia	7 H 3	Pronounced "Birno" ("Dobrou Noc" means "Good Night")	325.4 483.9 321.9 212.6 50	
Brussels I	Belgium	6 E 2	Announces in French		
Brussels II	Belgium	" "	Announces in Flemish		
Bucharest	Roumania	7 K 4	Metronome beats 160 ticks per minute		
Bucharest	Roumania	" "			
Budapest I	Hungary	7 H 3	New station, name pronounced "Boodapest" Uses tuneful interval signal, nine notes, G sharp, B, A, B, G sharp, B, A, B, G sharp	549.5 227.1	
Budapest II	Hungary	" "	Low power alternative station		
Casablanca	N. Africa	10 C 3	Call CNBMC (Relays Rabat) Mon. 8—9 p.m., Tues. midnight to 1 a.m. and 8—9	48 45	
Constantine	Algeria	10 C 3	Call 8KR		
Copenhagen	Denmark	7 G 1	Relayed on long waves by Kalundborg. Closes down with Danish melody and three strokes of gong	255.1 209.9 377.4	
Cork	Irish Free State	6 C 2	Relays the Dublin programme		
Coruna	Spain	6 C 4	Seldom if ever heard in Britain		
Cracow	Poland	7 H 2	Announces "Hallo! Polskie Radio, Krakow" Sleigh Bells sometimes used as interval signal	219.6 230.2	
Danzig	Danzig, Free City	7 H 2	Relays the Heilsberg programme		
Daventry 5XX	Gt. Britain	6 D 2	National Programme. New station now being erected (at Droitwich), to use greatly increased power	1500 49.59 31.55 31.3 25.53 25.28 19.82 16.83	
Daventry	Gt. Britain	" "	Empire Service. Call GSA		
Daventry	Gt. Britain	" "	" " " GSB		
Daventry	Gt. Britain	" "	" " " GSC		
Daventry	Gt. Britain	" "	" " " GSD		
Daventry	Gt. Britain	" "	" " " GSE		
Daventry	Gt. Britain	" "	" " " GSF		
Daventry	Gt. Britain	" "	" " " GSG		
			(At present the various Empire transmitter wavelengths are being altered experimentally).		

THE "CONCERTS" OF EUROPE, continued.

Name of Station	Country	Page No. and Map Ref.	Station Information	Wave-length (metres)	Your Dial Readings
Dnepropetrovsk	U.S.S.R.	8 B 4	Shares wavelength with Limoges France	328.6	
Dublin	Irish Free State	6 C 2	Low powered relay. See Athlone	222.6	
Eindhoven	Holland	6 F 2	Call PHI. Hours 1—3 p.m.	25.57	
Eindhoven	Holland	" "	Mon., Thurs. and Fri. 12.30—2.30 p.m.	16.88	
Falun	Sweden	" "	Sat. and Sun. 12.30—3 p.m.	276.2	
Finmark	Norway	" "	Works on low power		
Florence	Italy	7 G 4	Do. Neither of these stations are often heard outside their own areas	845	
Florence	Italy	" "	Relays the Turin programme. Name Florence is given in Italian as "Firenze"	491.8	
Frankfurt-am-Main	Germany	6 F 2	Wavelength shared by other German stations so programme not clearly receivable	251 748	
Geneva	Switzerland	6 F 3	Low powered relay of Sottens.		
Genoa	Italy	6 F 4	Song of nightingale as interval signal. Linked with Milan and Turin (the names are pronounced in Italian as "Milano, Torino, Genova")	304.3	
Gleiwitz	Germany	7 H 2	See Breslau, with which this station is usually linked	243.7 312.8	
Gomel	U.S.S.R.	7 L 2	Run by the Soviet Government		
Goteborg	Sweden	7 G 1	Name sounds like "Zhorteborg." "Goodnight" given as "Godnatt"	318.8	
Graz	Austria	7 H 3	"Halo! Radio Graz" Letter K in Morse (— —) is sometimes given in intervals; and also ticks of metronome, 200 per min.	338.6 309.9	
Grenoble	France	6 F 3	Announces as "Region des Alpes à Grenoble"		
Hamar	Norway	" "	Relays Oslo	578	
Hamburg	Germany	7 G 2	Sometimes sends Morse letters HA (— — —) in interval. Often strikes gong before announcing	331.9	
Heilsberg	Germany	7 J 2	East Prussian Regional station; relays Konigsberg	291 335.2	
Helsinki	Finland	8 A 2	Announces "Huomio! Lahti-Helsinki"		
Hilversum	Holland	6 F 2	Exchanges programmes with Huizen—see Huizen	301.5 265.3	
Horby	Sweden	7 G 1	Relays Stockholm		
Huizen	Holland	6 F 2	Exchanges programmes with the Hilversum station, so announcements may be either "Huizen" or "Hilversum"	1345 578	
Innsbruck	Austria	7 G 3	New station, shortly to come into operation		
Jeløy	Norway	7 G 1	Call LCL. Relays Oslo	42.85	
Kalundborg	Denmark	7 G 1	Relays Copenhagen. Man and Woman announcers	1261	
Katowice	Poland	7 H 2	Pronounced "Katto-veeha." Sometimes answers letters over the microphone. Interval signal, Hammer striking anvil	395.8	
Kaunas	Lithuania	7 J 1	Usually man announces: "Allo! Lietuvos Radio Kaunas"	1639 1345 253.2 415.5 209.9 222.6	
Kharkov I	U.S.S.R.	8 B 4	Recently erected under the Soviet Radio Plan		
Kharkov II	U.S.S.R.	" "	Do. do. do.		
Kiev	U.S.S.R.	7 L 2	Soviet station of no programme value		
Klagenfurt	Austria	7 G 3	Relays the Vienna programmes		
Konigsberg	Germany	7 J 2	Linked with Heilsberg and Danzig		
Konig wusterhausen	Germany	7 G 2	Now the National German station, or "Deutschlandsender." Frequently picks the best programme items from Berlin and provincial stations	1571	
Kosice	Czecho Slovakia	7 J 3	Announces "Hallo Kosice." Uses three languages: Slovak, German and Hungarian. Closes down with "Dobru Noc" ("Goodnight")	269.5	
Krasnodar	U.S.S.R.	8 B 4	Shares this wavelength with two other stations, viz.: Bournemouth and Scottish National	285.7	
Lahti	Finland	8 A 2	Relays Helsinki (Helsingfors). No interval signal. Man and Woman announcers	1145	

THE "CONCERTS" OF EUROPE, continued.

Name of Station	Country	Page No. and Map Ref.	Station Information	Wave-length (metres)	Your Dial Readings
Langenberg ...	Germany ...	6 F 2	Announces as "Westdeutscher Rundfunk"	455.9	
Leipzig ...	Germany ...	7 G 2	Sometimes uses Metronome in the intervals. Usually commences progs. at 5.15 a.m.	382.2	
Leningrad I ...	U.S.S.R. ...	8 B 3	Sometimes announces in English. Occasionally uses cuckoo interval signal	1224 288.6	
Leningrad II ...	U.S.S.R. ...	" "	Low powered relay		
Lille ...	France ...	6 E 2	Call "Ici Radio PTT Lille." Closes down with air played on musical box	247.3	
Limoges ...	France ...	6 E 3	Relays Paris, Ecole Superieure	328.6	
Linz ...	Austria ...	7 G 3	Relays Vienna	231.8	
Lisbon ...	Portugal ...	6 C 5	Call CTIAA. Tues. and Fri. 9.30 p.m. to midnight	31.25	
Ljubljana ...	Yugoslavia ...	7 G 3	Man announces: "Hallo, Radio Ljubljana" Interval signal, cuckoo	569.3 222.6	
Lodz ...	Poland ...	7 H 2	Relays Warsaw		
London National	Gt. Britain ...	6 D 2	One of the Twin-wave high power stations at Brookmans Park	261.1 342.1	
London Regional	Gt. Britain ...	" "	Do. Alternative prog. for London area		
Luxembourg ...	Luxembourg ...	6 F 3	Sponsored programmes. Man and Woman announcers	240.2	
Lwow ...	Poland ...	7 J 3	Name pronounced like "Lwoof." Uses Metronome and a clock gong. Man and woman announcers	377.4	
Lyons ...	France ...	6 E 3	Announces as "Radio Lyon" or "Ici Radio Lyon"	463 514.6 1639	
Madona ...	Latvia ...	7 K 1	Relays Riga		
Madrid I ...	Spain ...	6 D 4	New station, not yet in action		
Madrid II ...	Spain ...	" "	Fond of operatic programme. Usually closes down with the words "Hasta Manana"	293.5	
Madrid ...	Spain ...	" "	Call EAQ Daily 11 p.m.—1 a.m.	30	
Madrid ...	Spain ...	" "	Call EAR 110, Tues. and Sats. at 10.30 p.m.	43	
Magyarovar ...	Hungary ...	7 H 3	New low power relay	208.6	
Marseilles ...	France ...	6 F 4	Frequently relays Paris. Closes down: "Bonsoir Mesdames, Mesdemoiselles, Messieurs"	400.5	
Midland Regional	Gt. Britain ...	6 D 2	Originally called 5GB. Situated at Daventry. New station to replace it now being built at Droitwich	391.1 368.6 222.6 1442	
Milan I ...	Italy ...	6 F 3	"Milano." See Genoa		
Milan II ...	Italy ...	" "	Known as the Vigentio station		
Minsk ...	U.S.S.R. ...	7 K 2	Also known as "Minsk Koloditschi"		
Miskolcz ...	Hungary ...	7 J 3	Usually works in conjunction with Magyarovar	208.6 257.1 224	
Monte Ceneri ...	Switzerland ...	6 F 3	Station for the Italian-speaking Switzerland		
Montpellier ...	France ...	6 E 4	Low powered station		
Moravska-Ostrava	Czecho Slovakia	7 H 3	Many languages are used, including Czech, Slovak, German and French. Closes down with "Radiojournal Moravska-Ostrava, Dobrou Noc" (Goodnight)	259.1	
Moscow I ...	U.S.S.R. ...	7 M 1	The most powerful broadcasting station in Europe. Occasional talks in English	1714	
Moscow II ...	U.S.S.R. ...	" "	Run by the Soviet Government for educational purposes	1107 748 360.6 45.38 50.	
Moscow III ...	U.S.S.R. ...	" "	Do. do. do.		
Moscow IV ...	U.S.S.R. ...	" "	Do. do. do.		
Moscow ...	U.S.S.R. ...	" "	Call RW72		
Moscow ...	U.S.S.R. ...	" "	" RW59 (Relays Moscow Trades Union)		
Motala ...	Sweden ...	7 H 1	Relays the Stockholm programme. Closes down with "Godnatt, Godnatt" (Goodnight, Goodnight)	1389	
Muhlacker ...	Germany ...	6 G 3	This was the station formerly placed just above London Regional's wavelength	522.6	
Munich ...	Germany ...	7 G 3	The name is pronounced "Munchen"	405.4	
Murmansk ...	U.S.S.R. ...	" "	New Soviet station, on rather low power	491.8	
Naples ...	Italy ...	7 G 4	Pronounces names as "Napoli." Relays the Rome programme so is generally announced as "Roma-Napoli"	271.7	
Newcastle ...	Gt. Britain ...	6 D 2	Originates own programme about one evening a week, but usually takes the North Regional	209.9	

THE "CONCERTS" OF EUROPE, continued.

Name of Station	Country	Page No. and Map Ref.	Station Information	Wave-length (metres)	Your Dial Readings
North National	Gt. Britain ...	6 D 2	One of the Twin-wave stations at Moorside Edge, Yorks.	296.2	
North Regional	Gt. Britain ...	" "	Do. A new station to be erected at Jerusalem will share the 449.1 metre wavelength with North Regional when it comes into operation	449.1	
Nyiregyhaza ...	Hungary ...	7 J 3	Works on the same wavelength as several other Hungarian stations	208.6	
Odessa ...	U.S.S.R. ...	7 L 3	Low powered station, not receivable in Gt. Britain	309.9	
Oslo ...	Norway ...	7 G 1	Deep-voiced man announcer, says "Oslo Her" before most of the items	1186 765 309.9	
Ostersund ...	Sweden ...	" "	Relays the Stockholm programme		
Oukhta ...	U.S.S.R. ...	" "	Not receivable in Gt. Britain		
Oulu ...	Finland ...	8 A 2	Announces in the Swedish and Finnish languages	696	
Palermo ...	Italy ...	7 G 5	Shares its wavelength with Athlone and other stations, so not received in this country	531 1796 431.7	
Paris ...	France ...	6 E 3	See Radio Paris		
Paris ...	France ...	" "	" Poste de Telegraphes de Paris " in announcements		
Paris ...	France ...	" "	See Radio Colonial	25.63	
Paris ...	France ...	" "	Call FYB. Sends Time Signal 10.26 a.m. and 11.26 p.m. daily	28.36 208.6	
Pecs ...	Hungary ...	7 H 3	Only a low powered relay station		
Petrozavodsk	U.S.S.R. ...	" "	Not received in this country. Shares wavelength with a French station	463	
Plymouth ...	Gt. Britain ...	6 D 2	Usually takes the West Regional programme, and sometimes supplies it	203.5	
Poznan ...	Poland ...	7 H 2	Only a low powered station, sharing its wavelength	345.6	
Prague I ...	Czecho Slovakia	7 G 2	Name announced as "Praha" Until recently this was the highest powered station in Europe, using a wavelength next to North Regionals	470.2	
Prague II ...	Czecho Slovakia	" "	Very restricted range, and this wavelength to be shared by other Czecho Slovakian stations	249.2	
Prague ...	Czecho Slovakia	" "	Short wave experimental station. Call: OKIMPT	58.31	
Radio Colonial Paris	France ...	6 E 3	Daily, 5.15—11 p.m. 3—5 a.m.	25.63	
Radio Colonial Paris	France ...	" "	" 5.15—11 p.m.	25.25	
Radio Colonial Paris	France ...	" "	" 2—5 p.m.	19.68	
Radio Nations ...	Switzerland ...	6 F 3	League of Nations stations situated at Prangins	40.3	
Radio Nations ...	Switzerland ...	" "	Do. Sats. 10.0—10.45 p.m.	38.47	
Radio Nations ...	Switzerland ...	" "	Do Sats. 10.0—10.45 p.m.	31.32	
Radio Paris ...	France ...	6 E 3	Announces "Ici Radio Paris." Closes with "Marseillaise" and "Bonsoir Mesdames, Bonsoir Mesdemoiselles, Bonsoir Messieurs"	1796 288.6	
Rennes ...	France ...	6 D 3	Man announcer. Generally relays Paris		
Reykjavik ...	Iceland ...	15 P 2	Woman announcer. Closes down with "Goda Not" (Goodnight)	1639	
Riga ...	Latvia ...	7 J 1	Women announcer. Pronounces name "Re-ga"	238.5	
Rome I ...	Italy ...	7 G 4	Generally woman announcer. "Roma-Napoli." Closes down with "Buona Notte" (Goodnight)	420.8 238.5 25.4 845	
Rome II ...	Italy ...	" "	Low powered station for local alternative		
Rome ...	Italy ...	" "	Call ZRO. Relays Rome I		
Rostov on Don	U.S.S.R. ...	8 B 4	Soviet Government station		
Salzburg ...	Austria ...	7 G 3	Low powered relay only	231.8	
San Sebastian ...	Spain ...	6 D 4	Announces "Monte Igueldo" (site of station) and closes with "Buenos Noches" (Goodnight)	238.5	
Scottish National	Gt. Britain ...	6 D 1	Twin wave station situated at Westerglen, Near Falkirk	285.7 373.1	
Scottish Regional	Gt. Britain ...	" "			

CENTRAL EUROPE

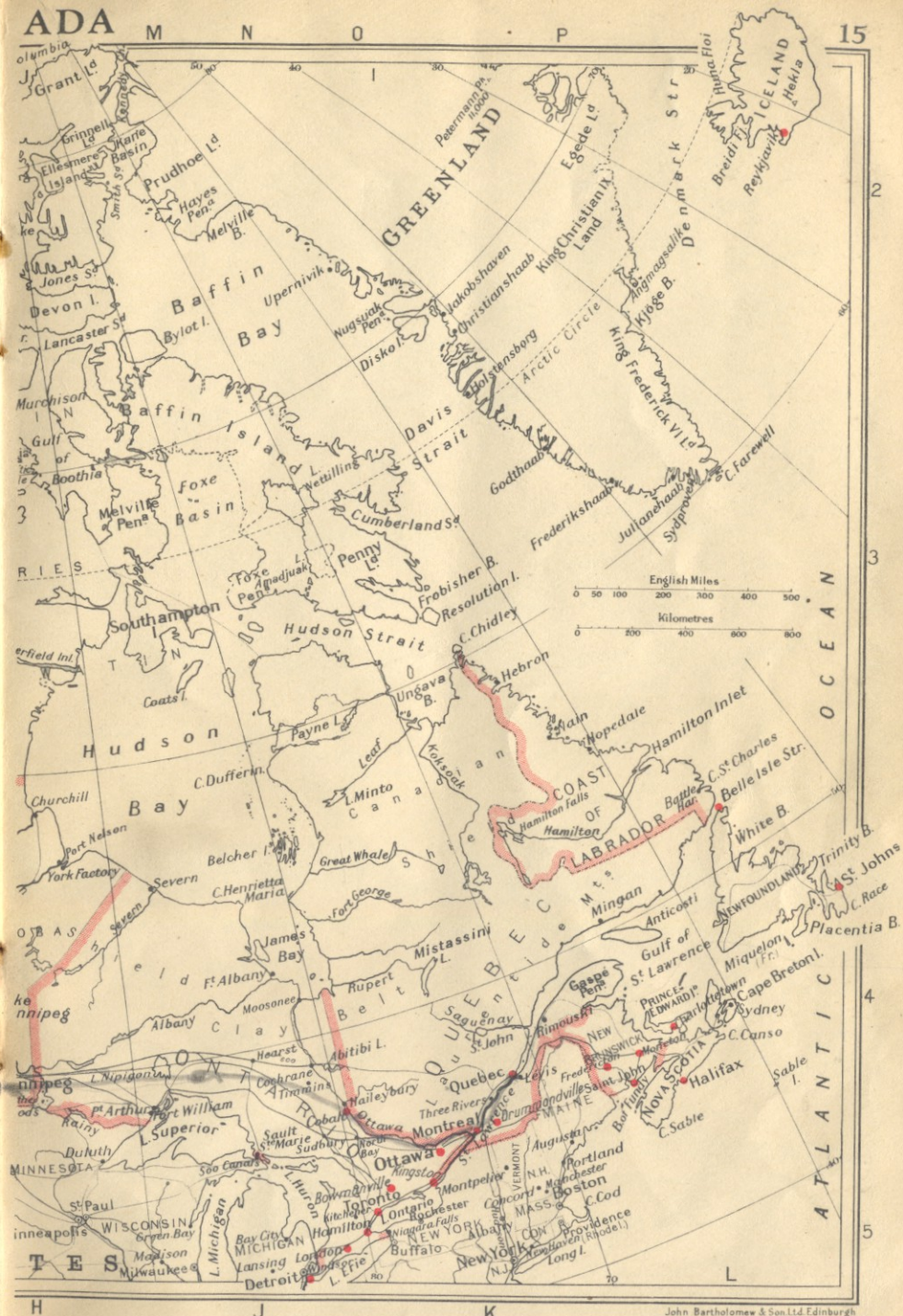


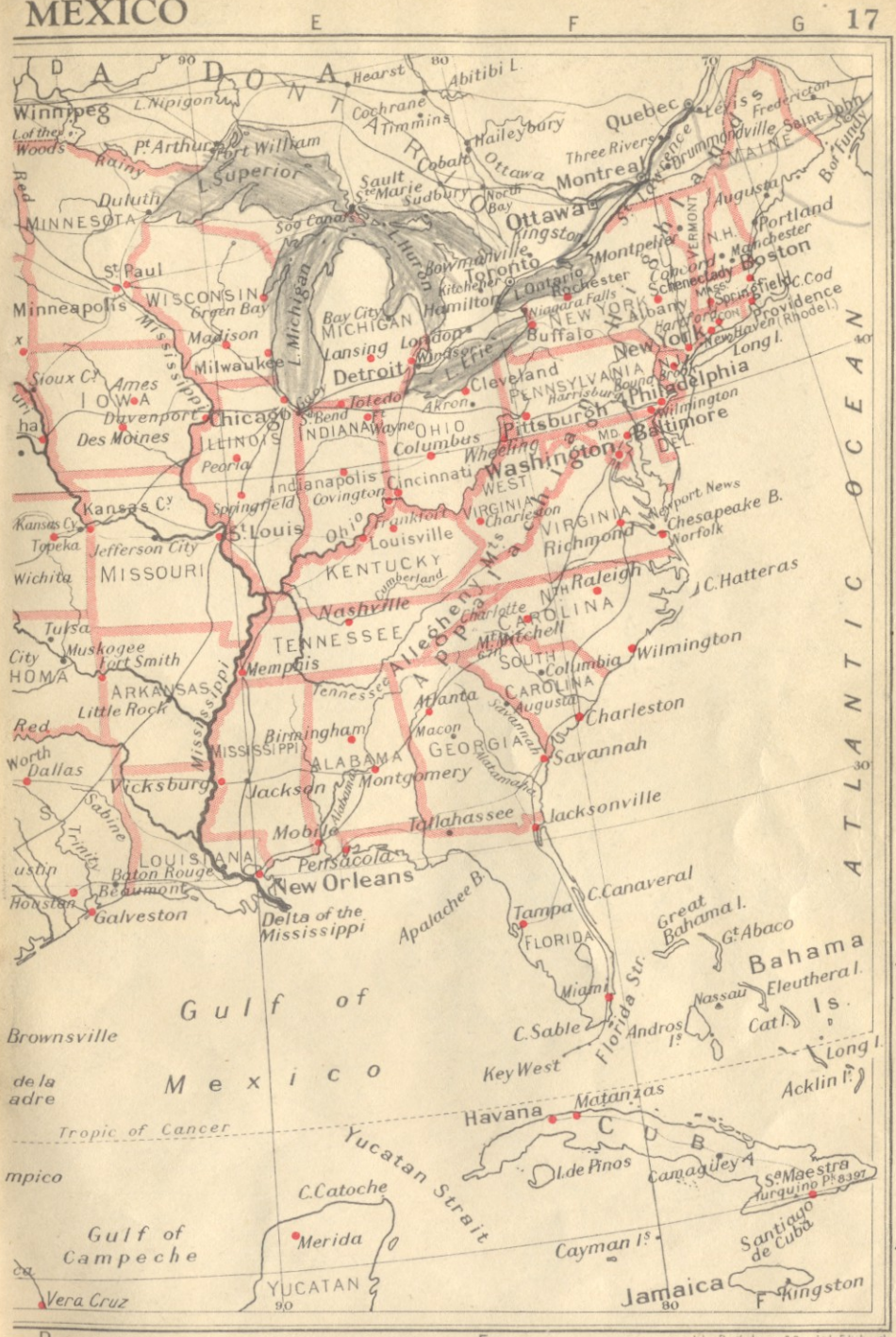
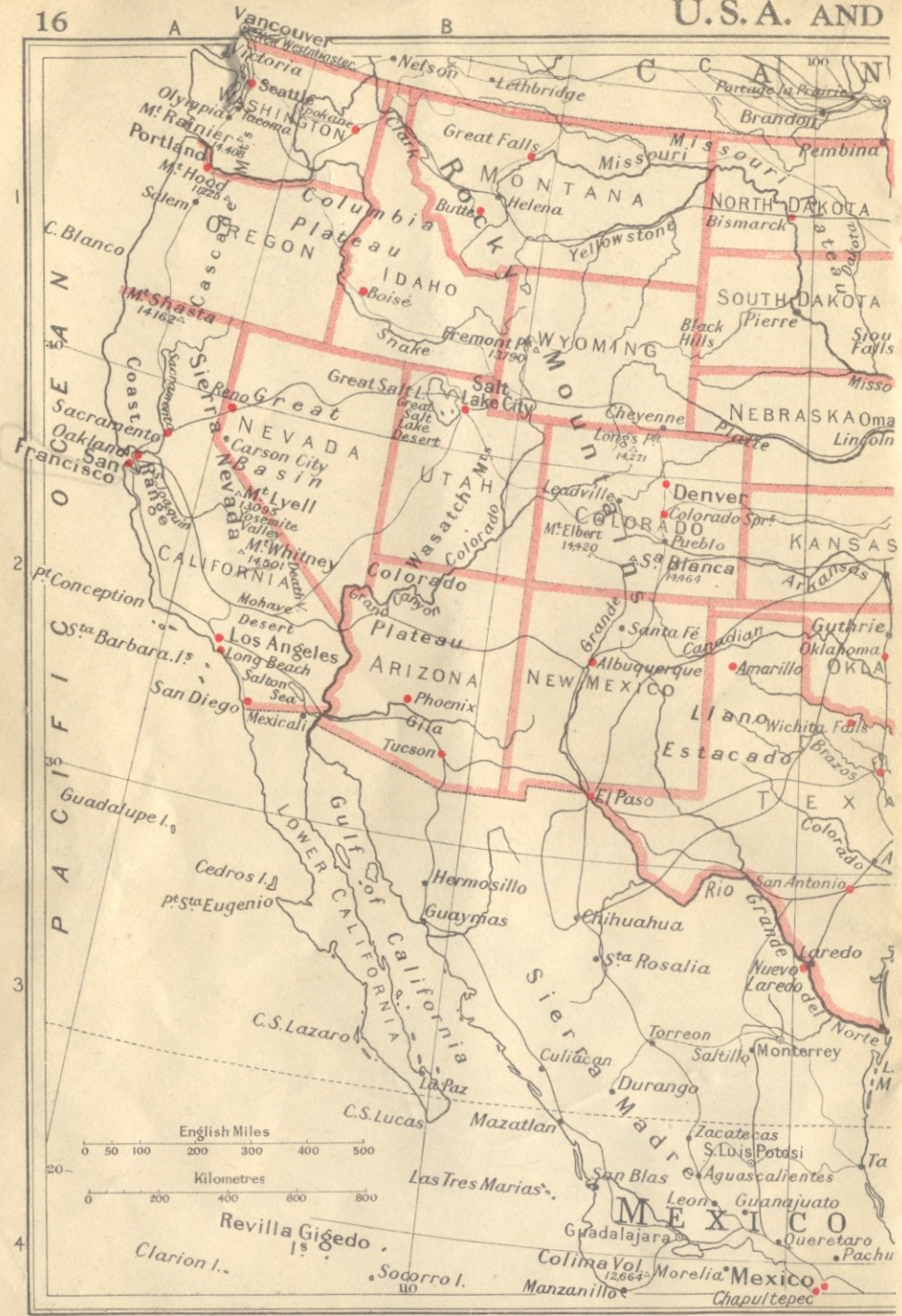


A B C D **AFRICA** F G H J

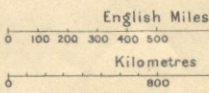








SOUTH AMERICA



THE "CONCERTS" OF EUROPE, continued.

Name of Station	Country	Page No. and Map Ref.	Station Information	Wave-length (metres)	Your Dial Readings
Sevilla ...	Spain ...	6 C 5	Pronounces Seville as "Sevil-ya" ...	410.4	
Simferopol ...	U.S.S.R. ...	—	Soviet Government station ...	349.2	
Skamlebaek ...	Denmark ...	7 G 1	Relays Copenhagen 6-11 p.m. ...	49.4	
Skamlebaek ...	Denmark ...	" "	Call OXY ...	31.51	
Smolensk ...	U.S.S.R. ...	7 L 2	New Soviet station, unlikely to be received in Britain ...	824	
Sottens ...	Switzerland ...	6 F 3	Announces as "Radio Suisse Romande" Programmes from Lausanne or Geneva studios. Announces in French ...	443.1	
Stalino ...	U.S.S.R. ...	—	New Soviet station unlikely to be received in Britain ...	386.6	
Stockholm ...	Sweden ...	7 H 1	Usually announces "Stockholm-motala" Closes with "God-Nat" (Goodnight) ...	426.1	
Strasbourg ...	France ...	6 F 3	Announces in German and French ...	349.2	
Sundsvall ...	Sweden ...	—	Relays to Stockholm programme ...	499.2	
Tallinn ...	Estonia ...	8 A 3	Very seldom heard in Britain ...	410.4	
Tampere ...	Finland ...	—	Relays the Helsinki programmes ...	569.3	
Tchernigov ...	U.S.S.R. ...	—	New Soviet station sharing North National's wavelength ...	296.2	
Tiraspol ...	U.S.S.R. ...	7 K 3	May change wavelength with Odessa ...	280.9	
Torun ...	Poland ...	7 H 2	Shares wavelength with Genoa ...	304.3	
Toulouse ...	France ...	6 E 4	Formerly a well-received station, but now uses shared wavelength ...	386.6	
Trieste ...	Italy ...	7 G 3	Pronounces name as "Tree-es-ty" ...	245.5	
Trondheim ...	Norway ...	—	Relays Oslo's programme ...	476.9	
Turin ...	Italy ...	6 F 3	Nightingale's song as interval signal. Announces as "Radio Milano-Torino-Genova" ...	263.2	
Valencia ...	Spain ...	6 D 5	Announces "Radio Valencia" but uses only low power, so seldom heard ...	352.9	
Vatican City ...	Italy ...	7 G 4	Daily 7-7.15 p.m. and Sundays 10-10.30 a.m. ...	50.26	
Vatican City ...	Italy ...	" "	Daily 10-10.15 a.m. ...	19.84	
Vienna ...	Austria ...	7 H 3	Pronounces name "Radio Veen." Sometimes uses fast-ticking metronome in intervals ...	506.8	
Vienna Experimental ...	Austria ...	" "	Tues. and Thurs. at intervals from 1.30 to 9.0 p.m. ...	49.4	
Viiipuri ...	Finland ...	—	Relays Helsinki programme ...	403.5	
Vinnitsa ...	U.S.S.R. ...	7 K 3	Only a low powered station ...	274	
Voroneje ...	U.S.S.R. ...	—	Low powered station, shares wavelength with Boden ...	726	
Warsaw I ...	Poland ...	7 J 2	Announces name as "Varshova." Clock gong in intervals ...	1304	
Warsaw II ...	Poland ...	" "	Low powered station not heard in this country ...	216.8	
West National ...	Gt. Britain ...	6 D 2	Situated at Watchet, Somerset ...	261.1	
West Regional ...	Gt. Britain ...	" "	Do. Programmes from Cardiff, Bristol, Plymouth, etc. ...	307.1	
Wilno ...	Poland ...	7 K 2	Uses trumpet (3 blasts) as interval signal ...	559.7	
Zagreb ...	Yugoslavia ...	7 H 3	Metronome ticks in intervals ...	276.2	
Zeesen ...	Germany ...	7 G 2	Usually works 10 p.m.—2.15 a.m. ...	31.38	
Zeesen ...	Germany ...	" "	3-11 p.m. daily ...	25.51	
Zeesen ...	Germany ...	" "	1.55-10.30 p.m. daily ...	19.73	
Zeesen ...	Germany ...	" "	Call DJE. Irregular hours of working ...	16.89	

THE BROADCASTS OF THE WORLD

A LIST OF THE PRINCIPAL STATIONS OUTSIDE EUROPE

Name of Station	Country	Page No. and Map Ref.	Time compared with G.M.T.	Wave-length in Metres	Your own Dial Readings
Adelaide ...	Australia ...	12 E 3	9½ hours fast ...	411	
Agronomia ...	Uruguay ...	—	3½ hours slow ...	411	
Albury ...	Australia ...	13 D 4	10 hours fast ...	227	
Alma-Ata ...	U.S.S.R. ...	8 F 4	2 hours fast ...	967	
Amparo ...	Brazil ...	19 F 6	3 hours slow ...	230	
Anchorage ...	Alaska ...	—	9 hours slow ...	244.2	
Apia ...	Samoa ...	—	11½ hours slow ...	319	
Auckland ...	New Zealand ...	13 G 4	11½ hours fast ...	333	
Bahia ...	Brazil ...	18 G 5	3 hours slow ...	350	
Baku ...	U.S.S.R. ...	8 C 4	2 hours fast ...	1260	
Ballarat ...	Australia ...	13 D 4	10 hours fast ...	230	
Bandoeng ...	Java ...	—	8 hours fast ...	58.03	
Bangkok ...	Siam ...	9 J 7	7 hours fast ...	350	
Belem ...	Brazil ...	18 F 4	3 hours slow ...	220	
Belle Isle ...	Newfoundland ...	15 M 3	3½ hours fast ...	335	
Bendigo ...	Australia ...	13 D 4	10 hours slow ...	306	
Bogota ...	Colombia ...	18 C 3	5 hours slow ...	48.95	
"	"	"	"	48.6	
"	"	"	"	48.00	
Boise ...	U.S.A. ...	16 B 1	8 hours slow ...	240	
Bombay ...	India ...	8 F 7	5½ hours fast ...	357.1	
Boston ...	U.S.A. ...	17 F 1	5 hours slow ...	49.67	
"	"	"	"	25.45	
"	"	"	"	19.67	
Bound Brook ...	U.S.A. ...	17 F 1	5 hours slow ...	395	
"	"	"	"	16.87	
"	"	"	"	46.69	
"	"	"	"	49.18	
Bowmanville ...	Canada ...	15 K 4	5 hours slow ...	435	
"	"	"	"	330	
"	"	"	"	49.22	
Brandon ...	Canada ...	14 H 4	7 hours slow ...	557	
Brisbane ...	Australia ...	13 E 3	10 hours fast ...	395	
Buenos Aires ...	Argentine ...	19 E 7	4 hours slow ...	361.4	
Calcutta ...	India ...	9 G 6	5½ hours fast ...	370.4	
"	"	"	"	49.1	
Calgary ...	Canada ...	14 F 3	8 hours fast ...	291.2	
Cape Town ...	South Africa ...	11 E 10	2 hours fast ...	371	
Caracas ...	Venezuela ...	18 D 2	4½ hours slow ...	49.08	
"	"	"	"	48.78	
"	"	"	"	31.55	
"	"	"	"	240	
Centenario ...	Uruguay ...	—	3½ hours slow ...	517	
Charlottetown ...	Canada ...	15 L 4	4 hours slow ...	248	
Chatham ...	Canada ...	—	5 hours slow ...	307	
Chekkiang ...	China ...	—	8 hours fast ...	293.9	
Chicago ...	U.S.A. ...	17 E 1	6 hours slow ...	389.4	
"	"	"	"	344.6	
"	"	"	"	49.34	
"	"	"	"	49.18	
Chilliwack ...	Canada ...	—	8 hours slow ...	214	
Christchurch ...	New Zealand ...	13 G 5	11½ hours fast ...	306	
Ciego ...	Cuba ...	—	5 hours slow ...	235	
Cienfuego ...	Cuba ...	—	5 hours slow ...	200	
Cincinnati ...	U.S.A. ...	17 E 2	6 hours slow ...	428.6	
"	"	"	"	49.5	
"	"	"	"	280.2	
Cleveland ...	U.S.A. ...	17 E 1	5 hours slow ...	248	
Cobalt ...	Canada ...	15 K 4	5 hours slow ...	428.6	
Colombo ...	Ceylon ...	8 F 9	5½ hours fast ...	232	
Colonia ...	Uruguay ...	19 E 7	3½ hours slow ...	340	
Curityba ...	Brazil ...	19 F 6	3 hours slow ...	340	
Dairen ...	Japan ...	9 L 5	9 hours fast ...	395	
Dallas ...	U.S.A. ...	17 D 2	6 hours slow ...	288	
"	"	"	"	374.8	

BROADCASTS OF THE WORLD, continued.

Name of Station	Country	Page No. and Map Ref.	Time compared with G.M.T.	Wave-length in Metres	Your own Dial Readings
Dannevirke ...	New Zealand ...	—	11½ hours fast	273	
Denver ...	U.S.A. ...	16 C 2	7 hours slow	361.2	
Dunedin ...	New Zealand ...	13 G 5	11½ hours fast	463	
Durban ...	South Africa ...	11 G 9	2 hours fast	415	
Edmonton ...	Canada ...	14 F 3	7 hours slow	517	
Eketahuna ...	New Zealand ...	—	11½ hours fast	247	
Estacion Oficial	Uruguay ...	—	3½ hours slow	462	
Fada ...	Uruguay ...	—	3½ hours slow	309	
Fleming ...	Canada ...	—	7 hours slow	500	
Fort Worth ...	U.S.A. ...	—	6 hours slow	374.8	
Fredricton ...	Canada ...	15 L 4	5 hours slow	248	
Fukuoka ...	Japan ...	— L 4	9 hours fast	411	
Funchal ...	Madeira ...	10 B 3	1 hour slow	26.83	
Geelong ...	Australia ...	13 D 4	10 hours fast	214	
Gisborne ...	New Zealand ...	13 G 4	11½ hours fast	260	
Gomel ...	U.S.S.R. ...	7 L 2	2 hours fast	483	
Grand Island ...	U.S.A. ...	—	5 hours slow	288	
Greymouth ...	New Zealand ...	13 G 5	11½ hours fast	366	
Guatemala City ...	S. America ...	18 A 2	6 hours slow	45	
Gunnedah ...	Australia ...	13 E 4	10 hours fast	225	
Halifax ...	Canada ...	15 L 4	4 hours slow	330	
Hamilton ...	Canada ...	15 K 4	5 hours slow	49.1	
Hamilton ...	New Zealand ...	—	11½ hours fast	341	
Harbin ...	China ...	9 L 4	8 hours fast	476	
Hastings ...	New Zealand ...	—	11½ hours fast	445	
Havana ...	Cuba ...	17 E 3	5 hours slow	225	
Hiroshima ...	Japan ...	9 M 5	9 hours fast	500	
Hobart ...	Australia ...	13 D 5	10 hours fast	315	
Honolulu ...	U.S.A. ...	—	10 hours slow	353	
Hong Kong ...	China ...	9 K 6	8 hours fast	517	
Imeni Popova ...	U.S.S.R. ...	—	2 hours fast	319	
Invercargill ...	New Zealand ...	13 F 5	11½ hours fast	355	
Iroquois Falls ...	Canada ...	—	5 hours slow	1115	
Johannesburg ...	South Africa ...	11 F 9	2 hours fast	258	
Kamloops ...	Canada ...	14 E 3	8 hours slow	500	
Kanazawa ...	Japan ...	9 M 5	9 hours fast	447.5	
Ketchikan ...	Alaska ...	—	8 hours slow	49	
Khabarovsk ...	U.S.S.R. ...	9 M 4	2 hours fast	268	
"	"	"	"	423	
"	"	"	"	333	
"	"	"	"	93.7	
"	"	"	"	285	
"	"	"	"	70.2	
Kingston ...	Canada ...	15 K 4	5 hours slow	268	
Kuala Lumpur	Federated Malay States	9 J 8	7 hours fast	48.9	
Kumamoto ...	Japan ...	—	9 hours fast	380	
Lahore ...	India ...	8 F 5	5½ hours fast	340	
La Paz ...	Bolivia ...	18 D 5	4 hrs. 32 mins. slow	49.3	
Launceston ...	Australia ...	13 D 5	10 hours fast	1080	
Lethbridge ...	Canada ...	14 F 4	8 hours slow	1100	
Lima ...	Peru ...	18 C 5	5 hours slow	268	
London ...	Canada ...	15 J 4	5 hours slow	380	
"	"	"	"	330	
"	"	"	"	62.56	
"	"	"	"	46.67	
Los Angeles ...	U.S.A. ...	16 B 2	8 hours slow	468.5	
Los Pinos ...	Cuba ...	—	5 hours slow	213	
Louisville ...	U.S.A. ...	17 E 2	6 hours slow	365.6	
Madras ...	India ...	8 G 7	5½ hours fast	390	
Manilla ...	Phillippine Is. ...	9 L 7	8 hours fast	485	
Manizales ...	Colombia ...	18 C 3	4 hours 56 mins. slow	41.9	
Manurewa ...	New Zealand ...	—	11½ hours fast	247	
Maracay ...	Venezuela ...	18 D 2	4½ hours slow	48.95	
Masterton ...	New Zealand ...	—	11½ hours fast	254	
Matanzas ...	Cuba ...	17 E 3	5 hours slow	307	

BROADCASTS OF THE WORLD, continued.

Name of Station	Country	Page No. and Map Ref.	Time compared with G.M.T.	Wave-length in Metres	Your own Dial Readings
Melbourne ...	Australia ...	13 D 4	10 hours fast	484	
"	"	"	"	375	
"	"	"	"	31.55	
Merida ...	Mexico ...	17 E 3	6 hours slow	547	
Mexico City ...	Mexico ...	16 D 4	7 hours slow	548	
"	"	"	"	450	
"	"	"	"	349	
"	"	"	"	248	
"	"	"	"	268	
Midland ...	Canada ...	—	5 hours slow	212	
Milan ...	Uruguay ...	—	3½ hours slow	476	
Moncton ...	Canada ...	15 L 4	4 hours slow	322	
Monte Carlo ...	Uruguay ...	—	3½ hours slow	201	
Monte Video ...	Uruguay ...	19 E 7	3½ hours slow	309	
"	"	"	"	411	
"	"	"	"	462	
Montreal ...	Canada ...	15 K 4	5 hours slow	411	
"	"	"	"	49.96	
Moosejaw ...	Canada ...	14 G 3	7 hours slow	500	
Moss Vale ...	Australia ...	13 E 4	10 hours fast	245	
"	"	"	"	205	
Mukden ...	Manchukuo ...	9 L 4	8 hours fast	410	
Nacional ...	Uruguay ...	—	3½ hours slow	265	
Nagoya ...	Japan ...	—	9 hours fast	370.3	
Nairobi ...	Kenya Colony ...	11 G 7	2 hours fast	400	
"	"	"	"	49.5	
Napier ...	New Zealand ...	13 G 4	11½ hours fast	238	
Nashville, Tenn. ...	U.S.A. ...	17 E 2	6 hours slow	461.4	
Newcastle ...	Australia ...	13 E 4	10 hours fast	270	
New Plymouth ...	New Zealand ...	13 G 4	11½ hours fast	243	
New York ...	U.S.A. ...	17 F 1	5 hours slow	454.3	
"	"	"	"	394.5	
"	"	"	"	272.6	
"	"	"	"	429	
Okayama ...	Japan ...	—	9 hours fast	636	
Ornsk ...	U.S.S.R. ...	8 F 3	2 hours fast	400	
Osaka ...	Japan ...	9 M 5	9 hours fast	636	
Ottawa ...	Canada ...	15 K 4	5 hours slow	500	
"	"	"	"	337	
Palmerston North	New Zealand ...	"	11½ hours fast	285	
"	"	"	"	267	
Peiping ...	China ...	9 K 5	8 hours fast	215	
Perth ...	Australia ...	12 A 4	8 hours fast	435	
Philadelphia ...	U.S.A. ...	17 F 1	5 hours slow	256.3	
"	"	"	"	31.28	
"	"	"	"	49.5	
Pilot Butte ...	Canada ...	—	7 hours slow	312	
Pittsburgh ...	U.S.A. ...	17 F 1	5 hours slow	305.9	
"	"	"	"	13.93	
"	"	"	"	19.72	
"	"	"	"	25.27	
"	"	"	"	48.86	
Popelka ...	Uruguay ...	—	3½ hours slow	238	
Porto Alegre ...	Brazil ...	19 E 6	3 hours slow	275	
Prescott ...	Canada ...	—	5 hours slow	297	
Preston ...	Canada ...	—	5 hours slow	248	
Pretoria ...	South Africa ...	11 F 9	2 hours fast	315	
Quebec ...	Canada ...	15 K 4	5 hours slow	341	
Radio Electrica	Uruguay ...	—	3½ hours slow	353	
Rangoon ...	Burma ...	9 H 7	6½ hours fast	350	
Regina ...	Canada ...	14 G 3	7 hours slow	312.3	
Ribeirao Preto ...	Brazil ...	19 E 6	3 hours slow	260	
Richmond, Va. ...	U.S.A. ...	17 F 2	5 hours slow	270.1	
Rio de Janeiro ...	Brazil ...	19 F 6	3 hours slow	400	
"	"	"	"	360	
"	"	"	"	320	
"	"	"	"	260	
"	"	"	"	220	
Saigon ...	Indo China ...	9 J 7	8 hours fast	570	
St. Denis ...	Reunion ...	—	4 hours fast	500	
St. John ...	Canada ...	15 L 4	4 hours slow	337	
"	"	"	"	49.26	

BROADCASTS OF THE WORLD, continued.

Name of Station	Country	Page No. and Map Ref.	Time compared with G.M.T.	Wave- length in Metres	Your own Dial Readings
St. John's ...	Newfoundland	15	M 4	3½ hours slow	545 444
St. Louis, Mo. ...	U.S.A. ...	17	D 2	6 hours slow	275.1
St. Paul, Minn. ...	U.S.A. ...	17	D 1	6 hours slow	205.4
Saladeng ...	Siam ...	8	E 5	7 hours fast	320
Samarland ...	U.S.S.R. ...	8	E 5	2 hours fast	875
San Antonio, Tex. ...	U.S.A. ...	16	D 3	7 hours slow	252
San Francisco ...	U.S.A. ...	16	A 2	8 hours slow	440.9 379.5
San Juan ...	Porto Rico	18	D 2	4 hours slow	337
Santiago de Cuba	Cuba ...	17	F 4	5 hours slow	290 273
"	"	"	"	"	255
"	"	"	"	"	240
"	"	"	"	"	227
Santos ...	Brazil ...	19	F 6	3 hours slow	300
Sao Paulo ...	Brazil ...	19	F 6	3 hours slow	400 350
"	"	"	"	"	320
"	"	"	"	"	295
Saskatoon ...	Canada ...	14	G 3	7 hours slow	330
Schenectady, New York ...	U.S.A. ...	17	F 1	5 hours slow	379.5 19.56 31.48
"	"	"	"	"	309.1
Seattle ...	U.S.A. ...	16	A 1	8 hours slow	394.7
Sendai ...	Japan ...	9	L 5	9 hours fast	235.5
Shanghai ...	China ...	9	L 5	8 hours fast	204
Spokane ...	U.S.A. ...	16	B 1	8 hours slow	302.8
Springfield, Mass. ...	U.S.A. ...	17	F 1	5 hours slow	31.35
"	U.S.A. ...	"	"	"	341
Sydney ...	Canada ...	13	E 4	4 hours slow	451
Sydney ...	Australia ...	13	E 4	10 hours fast	351 316 292 280 266 31.28
"	"	"	"	"	600 500
Tacubaya ...	Mexico ...	11	H 8	7 hours slow	52.7
Tananarive ...	Madagascar ...	11	H 8	3 hours fast	1170
Tashkent ...	U.S.S.R. ...	8	E 4	2 hours fast	712
Teneriffe ...	Canary Islands	10	B 4	Same as Greenwich	41.6
Tientsin ...	China ...	9	K 5	8 hours fast	480 300
Tokyo ...	Japan ...	9	M 5	9 hours fast	345
Toowoomba ...	Australia ...	13	E 3	10 hours fast	294
Toronto ...	Canada ...	15	K 4	5 hours slow	312 434.7
Trafalgar ...	Australia ...	13	D 4	10 hours fast	234
Uruguay ...	Uruguay ...	14	E 4	3½ hours slow	285
Vancouver ...	Canada ...	14	E 4	8 hours slow	411 291 49.43
"	"	"	"	"	857
Verkhneudinsk ...	U.S.S.R. ...	9	J 3	2 hours fast	476
Victoria ...	Canada ...	14	E 4	8 hours fast	355
Victoria Peak ...	Hong Kong	9	K 6	8 hours fast	472
Vladivostok ...	U.S.S.R. ...	9	M 4	2 hours fast	413 366
Wairoa ...	New Zealand ...	13	G 5	11½ hours fast	500
Wanganui ...	New Zealand ...	13	G 5	11½ hours fast	316
Washington, D.C. ...	U.S.A. ...	17	F 2	5 hours slow	297
Waterloo ...	Canada ...	17	E 1	5 hours slow	49.02
Wayne ...	U.S.A. ...	17	E 1	6 hours slow	25.36
"	"	"	"	"	420
Wellington ...	New Zealand ...	13	G 5	11½ hours fast	555.5
Windsor ...	Canada ...	15	J 4	6 hours slow	329.6
Winnipeg ...	Canada ...	14	H 3	6 hours slow	25.5
"	"	"	"	"	476
Yorkton ...	Canada ...	14	H 3	7 hours slow	278
Zion ...	U.S.A. ...	17	F 2	6 hours slow	278