

I A G A Bulletin No. 20

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

ASSOCIATION OF GEOMAGNETISM AND AERONOMY

LIST OF GEOMAGNETIC OBSERVATORIES

by

G. FANSELAU

Published for the International Council of Scientific Unions with the
financial assistance of Unesco

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LIST OF GEOMAGNETIC OBSERVATORIES

At the Berkeley Meeting 1963 it was decided to compile a list of observatories which contains only the most important characterizing data. The compilation has been carried out at the Geomagnetic Institute in Potsdam by order of the Working Group on Magnetic Observatories. The list is now settled, but though a great number of observatories have sent the necessary data the list is not yet complete. All observatories which find errors or incomplete listings are asked to send the corrections to

Prof. Dr. Fanselau
15 Potsdam (DDR)
Telegrafenberg
Geomagnetisches Institut

as soon as possible.

The list A gives the observatories in relation to the countries in alphabetical order. The list contains the name of the observatory, a lettercode and a numbercode; further the time of the beginning and - if the observatory is closed now - the time of the ending of registration. The numbercode consists of six numbers. The first three numbers characterize the polar distance, and the second three numbers indicate the geographical longitude of the observatory in whole degrees. Further there are given three addresses. The first one is the address of the observatory itself. 1. - means, that the address is unknown. The second one (2.) indicates where copies of geomagnetic registrations can be received. The third (3.) is the address of the administration office of the observatory. From this office it will be possible to get publications and other informations. Furthermore the list contains the geographical coordinates and the geomagnetic coordinates as far as available.

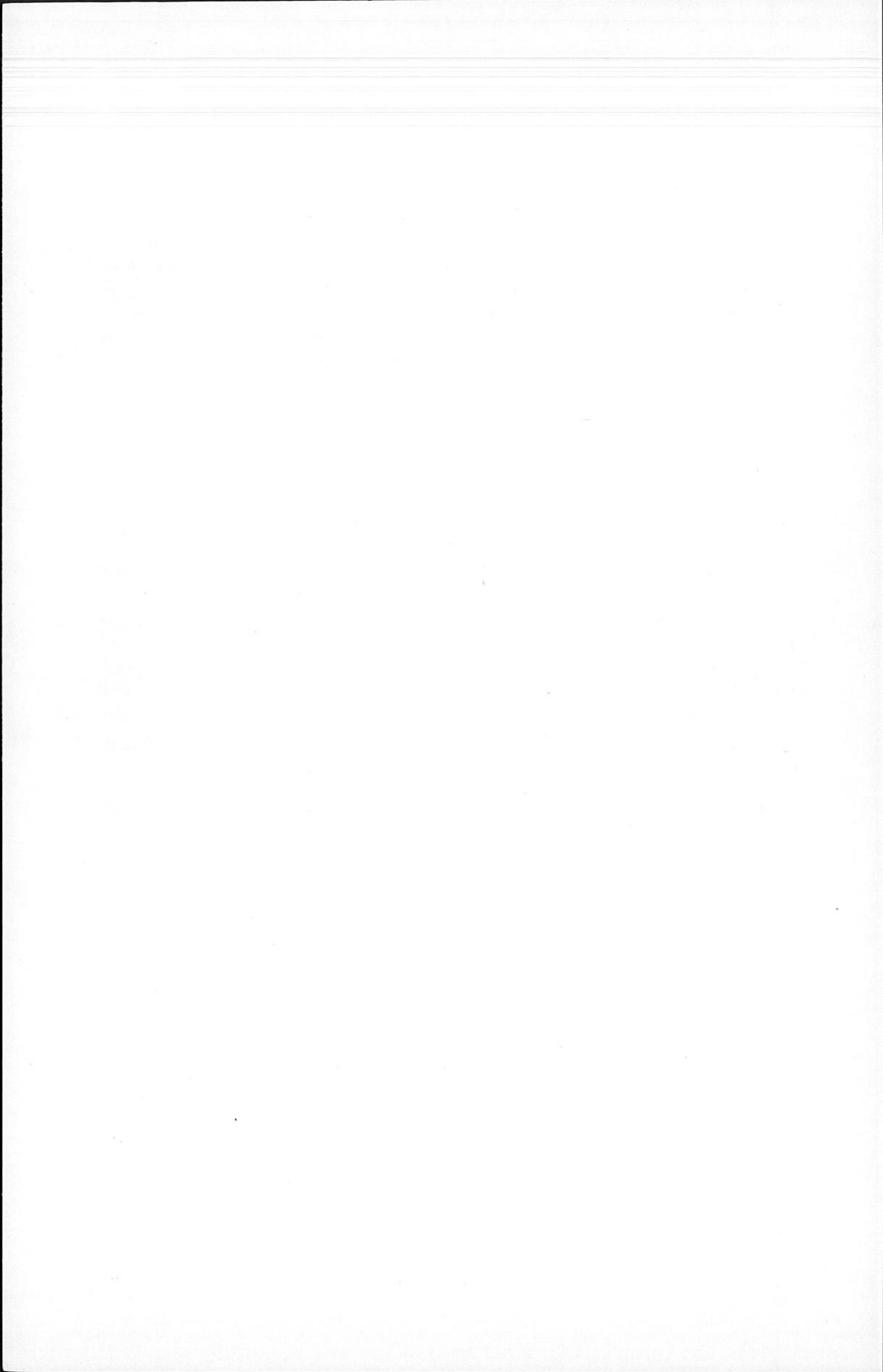
The list B contains the same observatories, but arranged concerning the symbols suggested by Mr. Cain. Some of the symbols had to be added. The list contains the name of the observatory, the country and the numbercode.

The list C shows the same observatories fixed up regarding the polar distance given by the first three numbers of the numbercode. The list contains again the name of the observatory, the country and CAIN's symbols.

In continuation of DR. NELSON's work a great card index of observatories is being prepared, which will contain many details, for instance equipment of the observatory and so on.

I thank all my colleagues very much for their active help compiling these lists.

Gerhard Fanselau.



LIST A

Country	Name	Symbol Years Index	Addresses	Geographic Coordinates	Geomagnetic Coordinates
1	2	3	4	5	7
Algeria	Tamanrasset	TA 067006	1930- 1. - 1956	22°48' 05°32'	25.4° 80.6°

2. Tamanrasset Magnetic
3. Observatory,
Université d'Alger,
Institut de Météorologie
et de Physique du Globe,
Algerie,
République d'Algerie

1	2	3	4	5	6	7
Argentina	Las Acacias	LS 035302	1. -		35° 47°25'	23.8° 10.2°
			2. Observatorio Astronomico de la Universidad Nacional de la Plata, Buenos Aires, Argentina			
	Laurie Island (South Orkney Islands) Magnetic Observatory (Orcas)	LI 151315 1948	1. Observatorio Naval Orcas des Sur 2. Secretariat of Aeronautics, 3. National Meteorological Service, Buenos Aires, Argentina	- 60°44' - 44°47'	50°	18°
	Pilar	PI 122296 1999	1. Pilar Observatorio Geofisico, -31°40' - 63°53' - 20.2° Pilar, F. C. C. A., Province of Cordoba, Argentina 2. Instituto de Geofisica, 3. Avenida de los Constituyentes 3454, Buenos Aires, Argentina			04°
	Observatorio Geofisico de la Quiaca	LQ 112294 1999	1. La Quiaca, F. C. N. G. B., - 22°07' - 65°35' - 10.6° Provincia de Jujuy, Argentina 2. Instituto de Geofisica, Avenida de los Constituyentes 3454, Buenos Aires, Argentina 3. Direction General del Servicio Meteorologico Nacional			03.2°

1	2	3	4	5	6	7
Argentina	Trelew	TW 133295	1957- 1999	1. Observatorio Magnetico de Trelew, Chubut, Argentina 2. Observatorio Astronomico de la Universidad 3. Nacional de la Plata, Buenos Aires, Argentina	- 43°15' - 65°19' - 31.7°	3.2°

1	2	3	4	5	6	7
Australia	Adelaide	AD 125138			- 34°36' 138°24' - 44.9°	212.5°
	Brisbane	BR 118153	1957- 1.- 1999		- 27°32' 152°55'	
				2. Department of Physics, 3. University of Queensland, St. Lucia, Brisbane, Australia		
	Gnangara	GN 122116	1957- 1. - 1999		- 31°47' 115°57' - 43.2°	185.8°
				2. Observer in Charge, Mundaring Geophysical Observatory, Mundaring, Western Australia 3. Bureau of Mineral Resources, 203 Collins Str., Melbourne, Australia		
	Hobart	HOB 133147			- 42°30' 147°12' - 51.7°	224.6°

1	2	3	4	5	6	7
Australia	Macquarie Island Magnetic Observatory	MI 144159	1952- 1. - 1999	2. Bureau of Mineral Resources, Geophysics, 203 Collins Street, Melbourne, Australia	- 54°30' 158°57' - 61.1°	243.1°
	Mawson Magnetic Observatory (Antarct.)	MW 158063	1955- 1. - 1999	2. Bureau of Mineral Resources, Geophysics, 203 Collins Street, Melbourne, Australia	- 67°36' 62°54' - 73.2°	103.1°
	Port Moresby Geophysical Observatory	PM 099147	1958- 1. - 1999	2. Observer in Charge, Port Moresby, Territory of Papua and New Guinea 3. Bureau of Mineral Resources, Geophysics, 203 Collins Street, Melbourne, Australia	- 09°24' 147°09' 18.6°	217.9°

1	2	3	4	5	6	7
Australia	Toolangi Magnetic Observatory	TC 128145	1919- 1. - 1999	-	- 37°32' 145°28' - 46.7°	220.8°
				2. Bureau of Mineral 3. Resources, Geology and Geophysics, 203 Collins Street, Melbourne, Australia		
	Watheroo Magnetic Observatory	WA 120116	1919- 1. - 1958	-	- 30°19' 115°52' 41.8°	185.6°
				2. Bureau of Mineral Resources, Geology and Geophysics, 203 Collins Street, Melbourne, Australia 3. Mundaring Geophysical Observatory, Mundaring, Western Australia		
	Wilkes Magnetic Observatory	WK 156111	1957- 1. - 1999	-	- 66°15' 110°31' - 77.8°	110.5°
				2. Bureau of Mineral 3. Resources, Geology and Geophysics, 203 Collins Street, Melbourne, Australia		

1	2	3	4	5	6	7
Austria	Geophysikalisches Observatorium Vienna-Kobenzl	VNK 1954- 042016 1999	1. Zentralanstalt für 2. Meteorologie und Geodynamik, 3. Geophysikalisches Observatorium Wien-Kobenzl, Wien XIX, Hohen Warte 38, Österreich		48°16' 16°19' 47.9° 98.1°	

1	2	3	4	5	6	7		
Belgium	Dourbes	DB 040005	1949- 1999	1. Centre de Physique du Globe, Dourbes (Province Namur), Belgique 2. Institut Royal Météorologique de Belgique, Avenue Circulaire 3, Uccle, Belgium 3.	50°06'	4°36'	51.1°	88.1°
Observatoire Magnétique de Manhey		MA 040006	1932- 1955	1. Manhey (Province de Luxembourg), Belgique 2. Institut d'Astronomie et de Géodésie, Université de Liège, Liège, Belgium 3.	50°18'	5°41'	52.0°	88.8°

1	2	3	4	5	6	7
Bolivia	Santa Cruz La Paz (El Alto)	SC 108297			- 17°48' - 63°20' - 06.4° - 05.5°	

1	2	3	4	5	6	7
Brazil	S. José dos Campos	SJC 113314			- 23°13' - 45°51' - 12.4°	21.6°
	Tatuoca	TT 091311 1999	1933- 1. - 1999		- 01°12' - 48°31' 9.5°	20.8°
				2. Observatorio Nacional, 3. R. General Bruce 586, Sao Cristovao, Rio de Janeiro, Brazil		
	Vassouras	VA 113316 1999	1915- 1. - 1999		- 22°54' - 43°39' - 11.9°	23.9°
				2. Observatorio Nacional, 3. R. General Bruce 586, Sac Cristovao, Rio de Janeiro, Brazil		

1	2	3	4	5	6	7
Bulgaria	Panagyurishte	PN 047024	1935-1999	1. Observatory Panagyurishte, Panagyurishte 2. Institut de Géophysique, 3. Moskovska 6, Sofia, Bulgaria	42°31'	24°11'

1	2	3	4	5	6	7
Canada	Agincourt	AG 046281	1916- 1999	1. Box 56, Agincourt, Ontario 2. Division of Geomagnetism, 3. Dominion Observatory, Ottawa 4, Canada	43°47' - 79°16'	55.0° 347.0°
	Alert	AT 008298	1961- 1999	1. - 2. Department of Mines and 3. Technical Surveys, Division of Geomagnetism, Dominion Astrophysical Observatory, Ottawa 4, Canada	82°30' - 62°30'	85.9° 168.2°
	Baker Lake	BL 026264	1951- 1999	1. - 2. Division of Geomagnetism, 3. Dominion Astrophysical Observatory, Ottawa 4, Canada	64°20' - 96°02'	73.7° 315.3°
	Fort Churchill	CH ^H 031266	1957- 1999	1. Defence Research Northern Laboratories, Fort Churchill, Manitoba, Canada 2. Division of Geomagnetism, 3. Dominion Astrophysical Observatory, Ottawa 4, Canada	58°48' - 94°06'	68.7° 322.8°

1	2	3	4	5	6	7
Canada	Great Whale River	GW 035282		1. Great Whale River, Quebec 2. Division of Geomagnetism, 3. Dominion Astrophysical Observatory, Ottawa 4, Canada	55°18' - 77°48'	66.8° 347.2°
	Meanock (Edmonton)	ME 035247	1916- 1. - 1999		54°37' -113°20'	61.8° 301.0°
	Mould Bay	MLB 014241	1961- 1. - 1999	2. Division of Geomagnetism, 3. Dominion Astrophysical Observatory, Ottawa 4, Canada	76°12' -119°24'	79.1° 283.8°
	Ottawa	OT 045284		2. Division of Geomagnetism, 3. Dominion Astrophysical Observatory, Ottawa 4, Canada	45°24' - 75°42'	57.0° 351.3°

1	2	3	4	5	6	7
Canada	Resolute Bay	RB 015265	1949-1999	1. -	74°42' - 94°54'	83.1° 287.3°
				2. Division of Geomagnetism, 3. Dominion Astr. physical Observatory, Ottawa 4, Canada		
	Victoria	VI 041237	1957-1999	1. Victoria Magnetic Observatory, Victoria, British Columbia, Canada 2. Division of Geomagnetism, 3. Dominion Astrophysical Observatory, Ottawa 4, Canada	48°31' -123°25'	54.2° 293.0°

1	2	3	4	5	6	7
Central Africa Republic	Bangui	BA 085019	1952- 1999	1. Observatoire Magnétique de Bangui, B. P. 793, Bangui (Oubangui, Chari) Centr. Afr. Rep. 2. Office de la Recherche 3. Scientifique d'Outre Mer, 24 Rue Bayard, Paris VIII, France	04°36' 18°35'	4.6° 88.5°

1	2	3	4	5	6	7
Chile	Easter Island (Isla de Pascua)	EI 117251	1. -		- 27°10' -109°26'	18.3° 322.6°
	Magnetic Observatory			2. Oficina Meteorologica de Chile, Seccion Magnetismo Terrestre, Casilla 717, Santiago-Chile		
				3. Direccion de Aeronautica, Oficina Meteorologica de Chile, Casilla 717, Santiago-Chile		

1	2	3	4	5	6	7
China	Shanghai Observatory	SH 059121		1. Shanghai Observatory, Shanghai, China 2. Shanghai Observatory, Academia Sinica, Shanghai, China		

1	2	3	4	5	6	7
China (Taiwan)	Lunping	IJUN 065239			25° -121°10'	13.8° 189.5°

1	2	3	4	5	6	7
Colombia	Observatorio Magnético de Fúquene	FQ 085286 1999	1. -		5°28' - 73°44'	16° 355°
				2. Carrera 30 N° 48-51 Ciudad, Universitaria Bogotá, Colombia		
				3. Departamento Cartografico, Seccion Geofisica, Instituto Geografico, Bogotá de Republica de Colombia		

1	2	3	4	5	6	7
Congo	Binza	BI 094015	1953- 1.- 094015		- 04°23' 15°16' -	3.4° 83.2°
			2. Service Météorologique, 3. Léopoldville, République du Congo			
	Bunia	BN 088030		1. Centre de Géophysique Bunia, République du Congo 2. Service Météorologique, 3. Léopoldville, République du Congo	01°32' 30°11' 00.4°	99.3°
	Lwiro	LR 092029		1. -	- 02°15' 28°48' -	4.0° 98.2°
			2. Institut pour la Recherche 3. Scientifique en Afrique Centrale (I.R.S.A.C.), D. S., Bukava, République du Congo			
	Karavia (Elizabethville)	KAR 102027	1958- 1. Centre Géophysique de la Karavia, Elizabethville, République du Congo 2. Service Météorologique, 3. Léopoldville, République du Congo		- 11°38' 27°26' -	12.7° 94.1°

1	2	3	4	5	6	7
ČSSR						
Budkov Magnetic Observatory	BU 041014 1999			1. Budkov Magnetic Observatory, Budkov (near Prachaticice), Czechoslovakia	49°04'	14°01'
				2. Československá Akademie VĚD, Geofyzikální Ústav, Boční II, čp. 1401, Praha 4 - Spořilov, Czechoslovakia		43.1°
						96.7°
Hurbanovo	HB 042018 1999			1. Geomagnetic Observatory, Hurbanovo, Czechoslovakia	47°54'	18°11'
				2. Hurbanovo, Czechoslovakia		47.1°
						99.8°
Pruhonice Geomagnetic Observatory	PR 040015 1999			1. Geomagnetic Observatory, Pruhonice, Czechoslovakia	49°59'	14°33'
				2. Československá Akademie VĚD, Geofyzikální Ústav, Boční II, čp. 1401, Praha 4 - Spořilov, Czechoslovakia		50.1°
						97.5°

1	2	3	4	5	6	7
Denmark	Godhavn (Greenland)	GO 021306	1926- 1999	1. - 2. -	69°14' - 53°31'	79.8° 32.5°
				3. Det Danske Meteorologiske Institut, Geofysisk Afdeling, Charlottenlund, Gamlehavallé 22, Denmark		
	Julianehaab Magnetic Observatory (Greenland)	JU 029314	1932- 1999	1. Julianehaab - Magnetic Observatory, Julianehaab, Greenland 2. Det Danske Meteorologiske 3. Institut, Geofysisk Afdeling, Charlottenlund, Gamlehavallé 22, Denmark	60°43' - 46°02'	70.8° 35.4°
	Rude Skov	RS 034012	1906- 1999	1. - 2. -	55°51' 12°27'	55.9° 98.6°
				3. Det Danske Meteorologiske Institut, Geofysisk Afdeling, Charlottenlund, Gamlehavallé 22, Denmark		

1	2	3	4	5	6	7
Denmark	Sukkertoppen (Greenland)	SUK 025307	1964- 1999	1. -	65°25' - 52°54'	
				2. -		
				3. Det Danske Meteorologiske Institut, Geofysisk Afdeling, Charlottenlund, Gamlehavestalle 22, Denmark		
	Thule Village (Greenland)	TH 013291	1947- 1999	1. -	77°29' - 69°10'	88.9° 357.8°
				2. -		
				3. Det Danske Meteorologiske Institut, Geofysisk Afdeling, Charlottenlund, Gamlehavestalle 22, Denmark		

1	2	3	4	5	6	7
East Africa Kenya	Nairobi	NR 091037 1999		1. Royal College of Nairobi, 2. P. O. Box 3997, 3. Nairobi, Kenya	- 01°15' 36°49'	

1	2	3	4	5	6	7
Ethiopia	Addis Ababa	AA 081039	1958-1. - 1999		09°02' 38°46'	5.3° 109.2°

2. University College,
3. Geophysical Observatory,
P. O. Box 399,
Addis Ababa, Ethiopia

1	2	3	4	5	6	7
Finland	Nurmijärvi	NU 030025	1952-1. - 1999		60°30' 24°39'	57.9° 112.6°
				2. Statens Meteorologiska Anstalt, Helsinki, Finland		
				3. Finnish Meteorological Office, Box 503, Helsinki, Finland		
	Oulu	OU 025025			65°00' 25°31'	61.8° 116.8°
	Sodankylä	SO 023027	1914- 1999	1. Geofysikaalinen Observatorio 2. Sodankylä, Finland 3. Finnish Meteorological Office Box 503, Helsinki, Finland	67°22' 26°39'	63.8° 120.0°

1	2	3	4	5	6	7
France	Dumont d'Urville DU Terre Adélie- Antarctique	157140	1957- 1. - 1999		- 66°40' 140°01'	74.6° 227.8°
				2. Institut de Physique du 3. Globe, Observatoire Géophysique du Parc St. Maur, 4 Avenue de Neptune, Saint Maur des Fosses, Seine, France		
	Observatoire Géophysique de Chambon-la- Forêt	CF 042002	1936- 1. Chambon-la-Forêt, 1962 2. Observatoire Géophysique Chambon-la-Forêt, Loiret, France		48°01' 02°16'	50.5° 84.3°
			3. Université de Paris, Institut de Physique du Globe, 191 Rue Saint Jacques, Paris V, France			
	Iles Crozet	CZ 137052			- 46°30' 52°00'	- 51.2° 109.3°

1	2	3	4	5	6	7
France	Charcot	CT 159139	1958	1. Sous-Comité Antarctique 2. 47 Avenue de Maréchal 3. Fayolle, Paris XVI, France	- 69°22' 139°02' - 78.3°	234.5°
	Garchy	GA 043003			47°18' 03°06' 49.6°	84.8°
	Port-aux- Français (Kerguelen)	KG 139070	1948- 1. - 1952 und 1957- 2. Institut de Physique du 1999 3. Globe, Observatoire Géophysique du Parc St. Maur, 4 Avenue de Neptune, Saint Maur des Fosses, Seine, France		- 49°21' 70°12' - 57.2°	128.0°
	Centre de Géophysique de M'Bour (Sénégal)	MB 076343	1952- 1. Centre de Géophysique, 1999 Boîte postale 50 M'Bour 2. Office de le Recherche 3. Scientifique d'Outre Mer, 24 Rue Bayard, Paris VIII, France		14°24' - 16°58' 21.2°	55°

1	2	3	4	5	6	7
France	Nantes	NA 043358	1923- 1958	1.Observatoire de Nantes, Nantes, Petit Post, France 2. Université de Paris, Institut de Physique du Globe, 191 Rue Saint Jacques, Paris V, France	47°15' - 01°34'	50.5° 80.1°
	Nouvelle Amsterdam	NAM 128078			- 37°50' 77°34' - 46.7°	140.6°
	Tahiti- Taravao (Polynésie)	TAH 108210	1958- 1959		- 17°30' -149°30' - 15.3°	282.7°

1	2	3	4	5	6	7
Germany (GFR)	Fürstenfeldbruck	FU 042011	1927- 1999	1. Geophysikalisches Observatorium 3. 808 Fürstenfeldbruck, Germany	48°10' 11°17'	48.8° 93.3°
	Göttingen	GT 038010	1833- 1999	1. Geophysikalisches Institut, 2. Herzberger Landstr. 180, 3. 34 Göttingen, Germany	51°32' 09°56'	52.3° 93.6°
	Wingst	WN 036009	1938- 1999	1. Magnetisches Observatorium Wingst 2171 Hofgrube (Niederelbe) Germany 2. Deutsches Hydrographisches Institut, 3. Hamburg 4, Germany, Bernhard-Nocht-Str. 78	53°45' 09°04'	54.5° 94.0°

1	2	3	4	5	6	7
Germany (GDR)	Collmburg	CM 039013	1935- 1999	1. Geophysikalisches Observatorium 7261 Collm 2. Karl-Marx-Universität Leipzig. 3. Geophysikalisches Institut, 701 Leipzig, DDR, Schillerstr. 6	51°19', 13°	51.5° 96.5°
	Niemegk	NI 038013	1931- 1999	1. Adolf-Schmidt- Observato- rium für Erdmagnetismus, 1824 Niemegk, DDR 2. Geomagnetisches Institut, 3. 15 Potsdam, DDR, Telegrafenberg	52°04', 12°41'	52.2° 96.6°

1	2	3	4	5	6	7
Greece	Magnetic Observatory of Pendell (Athens)	PE 052024 1999	1957- 1999	1. Institute for Geology and 2. Subsurface Research, 3. Magnetic Observatory of Pendell, Hippocrates Street 1, Athens (143), Greece	38°03' 23°52'	36.2° 102.0°

1	2	3	4	5	6	7
Hungary	Nagycekn	NAG 042017 1999	1961- 1. - 042017 1999	2. Geodéziai és Geofizikai 3. Kutató, Laboratóriumnak Igazgatója, Postafiók 9, Sopron, Hungary	47°38' 16°43'	
	Tihany	TY 043018 1999	1955- 1. - 043018 1999	2. Institut de Géophysique, 3. "Roland Eötvös", Vorosilov-Ut 99, Budapest XIV, Hungary	46°54' 17°54' 46.4°	99.1°

1	2	3	4	5	6	7
Iceland	Leirvogur Magnetic Observatory	RY 026338	1958- 1999	1. Leirvogur Magnetic Observatory, Reykjavik, Iceland 2. University of Iceland, 3. Physical Laboratory, Reykjavik, Iceland	64°11' - 21°42'	

1	2	3	4	5	6	7
India	Bombay-Alibag Alibag Magnetic Observatory	AL 071073	1904- 1999	1. Colaba and Alibag Observatories, Colaba, Bombay 5, India	18°38'	72°52' 09.5° 143.7°
	Chidambaram (Annamalainagar) Magnetic Observatory	ANN 079080	1957- 1999	1. Chidambaram 2. (Annamalainagar) 3. Magnetic Observatory, Chidambaram, India	11°24'	79°41' 01.6° 149.6°
	Dehra Dun (Sabhawala)	DD 060078			30°22'	77°48' 20.8° 149.8°
	Hyderabad	HYD 073078			17°25'	78°27' 07.6° 148.8°

1	2	3	4	5	6	7
India	Kodaikanal Magnetic Observatory	KO 080077	1902- 1999	1. Kodaikanal Magnetic Observatory, 2. Colaba and Alibag 3. Observatories, Colaba, Bombay 5, India	10°14'	77°28' 00.6° 147.1°
	Trivandrum Magnetic Observatory	TV 082077	1957- 1999	1. Trivandrum Magnetic Observatory, India 2. Colaba and Alibag 3. Observatories, Colaba, Bombay 5, India	08°29'	76°57' 01.1° 146.3°

1	2	3	4	5	6	7
Indonesia	Hollandia Geomagnetic Observatory	HN 093141	1957-1962	1. Geomagnetic Observatory Department of Communication and Power, Hollandia, New Guinea 2. Royal Netherlands 3. Meteorological Institute, De Bilt, Netherlands	- 02°35' 140°31' - 12.6°	210.3°
	Kuyper Magnetic Observatory Kuyper (Pulav Burung)	KU 096107	1928-1964	1. Kuyper Magnetic Observatory 2. - 3. -	- 06°02' 106°44' - 12.5°	175.5°
	Tangerang	TAN 084107	1963-1999	1. Tangerang Geophysical Centre 2. Meteorological and Geo- physical Service, Djalan Geredja Ingeris No.3, Djakarta IV/11, Indonesia	06°10' 106°38' 17.6°	175.4°

1	2	3	4	5	6	7
Iran	Teheran Magnetic Observatory	TEH 054051	1958- 1999	1. Teheran Magnetic Observatory, Teheran, Iran 2. Faculty of Science, University, Institut Géophysique, Amirabad, Teheran, Iran	35°44' 51°23'	29.4° 126.6°

1	2	3	4	5	6	7
Ireland	Valentia Observatory	VL 038350	1888- 1999	1. Valentia Observatory, Cahiriveen, Co. Kerry, Ireland 2. Meteorological Service, Department of Transport and Power, 44 Upper O'Connell Street, Dublin, Ireland	51° 56' - 10° 15'	56.6° 73.4°

1	2	3	4	5	6	7
Italy						
Capri Magnetic Observatory	CP 049014	1957- 1999	1. Capri Magnetic Observatory, Anacapri (Capri), Naples, Italy 2. Universitario Navale, 3. Gabinetto di Navigazione e Magnetismo Navale, Via Acton 38, Naples, Italy		40°33'	14°13' 40.9° 93.2°
Magnetic Observatory of Castellaccio (Genova)	CA 046009	1932 1999	1. Magnetic Observatory of Castellaccio (Genova) 2. Istituto Idrografico 3. della Marina-Genova, Genova, Italy		44°26'	08°56' 45.7° 89.5°
Gibilmanna	GI 058014	1954- 1957	1. Istituto Nazionale di 2. Geofisica, 3. Città Universitaria, Roma, Italy		37°59'	14°01' 38.5° 92.2°
Osservatorio Geomagnetico L'Aquila presso Castello	AQ 048013	1958- 1999	1. Osservatorio Geomagnetico L'Aquila presso Castello, L'Aquila, Italy 2. Istituto Nazionale di 3. Geofisica, Città Universitaria, Roma, Italy		42°23'	13°19' 42.9° 92.9°
Magnetic Station of Maddalena	MD 049009		1. Osservatorio Magnetico Esperimentale dell'Isola di La Maddalena 2. Divisione Geofisica dell' 3. Istituto Idrografico, Isola di La Maddalena		41°13'	09°24' 42.7° 88.5°

1	2	3	4	5	6	7
Italy	Monte Capellino	MON 045009 1999	1956- 1. - 1999		44°33' 08°57' 45.8°	89.6°
				2. Istituto Geofisico e 3. Geodetico, Università di Genova, P. O. Box 3145, Genova, Italy		
	Observatory Ponza Island	PZ 049013 1999	1961- 1. - 1999		40°55' 12°57'	
				2. Universitario Navale, 3. Gabinetto di Navigazione e Magnetismo Navale, Via Ammiraglio Acton 38, Naples, Italy		

1	2	3	4	5	6	7
Japan						
	Aso	AS 057131	1940- 1999	1. Aso Magnetic Observatory, 2. Geophysical Institute, 3. Kyoto University, Kyoto, Japan	32°53' 131°01'	22.1° 198.1°
	Hachijojima	HJ 057140			33°08' 139°48'	22.9° 206.1°
	Kakioka Magnetic Observatory	KA 054140	1913- 1999	1. Kakioka Magnetic Observatory, 2. Kakioka, Yasatomachi, Nihari-gun, Ibaraki, Pref. Japan 3. -	36°14' 140°11'	26.0° 206.0°
	Kanozan	KZ 055140	1960- 1999	1. - 2. Geodetic Division, 3. Geographic Survey Institute, 1000 7 Chome Kamimeguro, Meguro-Ku, Tokyo, Japan	35°15' 139°58'	
	Kanoya Magnetic Observatory	KY 059031	1957- 1999	1. Kanoya Magnetic Observatory, Kanoya, Kagoshima, Pref. Japan 2. Kakioka Magnetic Observatory, Kakioka, Yasatomachi, Nihari-gun, Ibaraki, Pref. Japan 3. -	31°25' 130°53'	20.7° 198.1°

1	2	3	4	5	6	7
Japan	Memambetsu Magnetic Observatory	MT 046144	1950- 1999	1. Memambetsu Magnetic Observatory, Memambetsu-machi, Abashiri-gun, Hokkaido, Japan 2. Kakioka Magnetic Observatory, Kakioka, Yasatomachi, Nihari-gun, Ibaraki, Pref. Japan 3. -	43°55' 144°12'	34.1° 208.3°
	Onagawa Magnetic Observatory	ON 052141	- 1. - 1999	2. Geophysical Institute 3. Tohoku University, Sendai, Japan	38°26' 141°28'	28.3° 206.8°
	Simosato	SS 056136	1954- 1999	1. - 2. Hydrographic Division, 3. Maritime Safety Board, 5 Chome, Tsukiji, Chuo-ku, Tokyo, Japan	33°35' 135°56'	23.0° 202.4°

1	2	3	4	5	6	7
Jugoslavia	Grocka	GC 045021	1958- 1999	1. Geomagnetiski Institut, 2. Grocka, Jugoslavia 3. -	44°38', 20°46'	43.6° 100.9°

1	2	3	4	5	6	7
Lebanon	Ksara	KS 056036	1907-1999	1. Observatoire de Ksara, 3 2. Far Zahle, République Libanaise	33°49' 35°53'	30.4° 112.0°
				3. -		

1	2	3	4	5	6	7
Malagasy Republic	Tananarive	TN 109048	1890- 1999	1. Observatoire Ambohidempona, E. P. 498, Tananarive, Malagasy Republic	- 18°55' 47°33' - 23.7°	112.6°

2. -

3. -

1	2	3	4	5	6	7
Mexico	Teoloyucan	TE 070261	1914- 1. - 1999	-	19°45' - 99°11'	29.6° 327.1°

2. Instituto de Geofisica,
3. Torre de Ciencias 3er PISO,
Departamento de Geomagnetismo,
Ciudad Universitaria,
Villa Obregon D. F., Mexico

1	2	3	4	5	6	7
Netherlands	Magnetische Station Witteveen	WI 037007 1999	1938- 1999	1. Magnetische Station, Witteveen, N 44, The Netherlands 2. Royal Netherlands 3. Meteorological Institute, De Bilt, Netherlands	52°49' 06°40'	54.2° 91.0°

1	2	3	4	5	6	7
New Zealand	Amberley Magnetic Observatory	AM 133173	1928- 1999	1. Amberley Magnetic Observatory, Amberley, New Zealand 2. Magnetic Survey, 3. Botanic Gardens, Christchurch 1, New Zealand	- 43°09' 172°43' - 47.7°	252.5°
	Apia Magnetic Observatory	AP 104188	1905- 1999	1. Apia Magnetic Observatory, P. O. Box 52, Apia, Western Samoa 2. Magnetic Survey, 3. Geophysics Division, Department of Scientific and Industrial Research, Botanic Gardens, Christchurch 1, New Zealand	- 13°48' -171°47' - 16.0°	260.2°
	Campbell Island	CAM 143191			- 52°33' -169°09' - 57.3°	253.0°
	Hallett Station	HT 162170	1957- 1999	1. Hallett Station Ross Dependency, Antarctica 2. Magnetic Survey, 3. Botanic Gardens, Christchurch 1, New Zealand	- 72°19' 170°13' - 74.7°	278.2°

1	2	3	4	5	6	7
New Zealand	Lauder	IAU 135190			- 45°03' - 169°40' - 50.1°	250.1°
Rarotonga		RR 111200 1999	1. - 2. Magnetic Survey, 3. Botanic Gardens, Christchurch 1, New Zealand		- 21°12' - 159°46' - 20.9°	273.7°
Rolleston		RO 134188			- 43°37' - 172°24' - 48.4°	252.4°
Scott Base		SB 168167 1999	1. Scott Base, Mc Murdo Sound, Ross Dependency, Antarctica 2. Magnetic Survey, 3. Botanic Gardens, Christchurch 1, New Zealand		- 77°51' 166°48' - 79.0°	294.4°

1	2	3	4	5	6	7
Northern Nigeria	Ibadan	IB 083004	1957- 1999	1. Physics Department, 2. University College, 3. Ibadan, Nigeria	07°26'	03°54' 10.6° 74.6°
	Zaria	ZA 079008		1. Ahmadu Bello University, 2. Department of Physics, 3. Zaria, Northern Nigeria	11°09'	07°39' 13.7° 79.1°

1	2	3	4	5	6	7
Norway	Bear Island	B4 016019	1952- 1. - 1999		74°30'	19°00' 71.0° 123.0°
				2. Tromsø Magnetic Observatory, Tromsø, Norway		
				3. Geophysical Institute, Division C, University of Bergen, Bergen, Norway, Allég. 70		
	Dombas	D0 028009	1916- 1. Geofysiska Institutet, 1999 2. Avd. C, 3. Allég. 70, Bergen, Norway		62°04'	09°07' 62.3° 100.1°
	Isfjord	ISF 020019			69°39'	18°57'
	Tromsø	TR 020019	1929- 1. Tromsø Magnetic Observatory, 1933 2. Tromsø, Norway		69°40'	18°57' 67.1° 116.7°
				3. Geophysical Institute, Division C, University of Bergen, Allég. 70, Bergen, Norway		

1	2	3	4	5	6	7
Pakistan	Chittagong (Dampara)	CG 068092	1. - 1953-1999	2. Geophysical Institute, P. O. Box 2, Quetta, Pakistan 3. Meteorological Service, Meteorological Department, Karachi, Pakistan	30°11' 66°57' 21.6°	139.7°
	Gilgit	GIL 054074			35°56' 74°18' 26.2°	147.5°
	Quetta	QU 060067	1. Geophysical Institute, P. O. Box 2, Quetta, Pakistan 3. Meteorological Service, Meteorological Department, Karachi, Pakistan		22°21' 91°49' 11.4°	161.9°

1	2	3	4	5	6	7
Peru	Huancayo	HU 102285 1999	1922- 1. - 1999		- 12°03' - 75°20' - 06°	353.8°
				2. Instituto Geofisico del Peru, 3. Ministerio de Fomento, Apartado 3747, Lima, Peru		
	Jicamarca	JIC 102283			- 11° 57' - 76° 52'	

1	2	3	4	5	6	7
Philippines Islands	Muntillupa	MU 076121	1950-1. - 1999		14°22' 121°01'	03.2° 190.8°
				2. Bureau of Coast and Geodetic Survey, 421 Barraca Street, San Nicolas, Manila, Republic of the Philippines		

1	2	3	4	5	6	7
Poland						
Belsk Observatory	BE 038021	1957- 1999	1. Polish Academy of Sciences, Geophysical Observatory at Belsk, Poland 2. Polish Academy of Sciences, Geophysical Institute, ul. Pasteura 3, Warsaw, Poland	51°50'	20°48'	50.5° 104.0°
Hel	HL 035019	1931- 1999	1. Polish Academy of Sciences, Geophysical Observatory at Hel, Poland 2. Polish Academy of Sciences, Geophysical Institute, ul. Pasteura 3, Warsaw, Poland	54°37'	18°49'	53.5° 103.7°
Racibórz	RA 040018		1. Geophysical Station, Racibórz, Poland, ul. Chłopska 1 2. Polish Academy of Sciences, Geophysical Institute, ul. Pasteura 3, Warsaw, Poland	50°05'	18°11'	
Swider Geomagnetic Observatory	SW 038021	1914- 1999	1. Geomagnetic Observatory, Swider near Warsaw, Poland 2. Polish Academy of Sciences, Geophysical Institute, ul. Pasteura 3, Warsaw, Poland	52°07'	21°15'	50.6° 104.6°

1	2	3	4	5	6	7
Portugal						
	Coimbra	CI	1866- 050352 1999	1. Instituto Geofisico 2. da Universidade, 3. Coimbra, Portugal	40°14' - 08°25'	44.8° 71.3°
	Laurence Marques (Mozambique)	IM	1957- 064033 1999	1. Servico Meteorologico 2. de Mozambique, 3. Caixa Postal 256, Laurence Marques, Mozambique	25°58' 32°36'	27.8° 95.8°
	Observatorio Magnetico de Luanda	IU	1956- 099013 1999	1. Observatorio Magnetico de Luanda, Luanda, Angola (Portuguese West Africa) 2. Servico Meteorologico 3. de Angola, C. P. 1228 C, Luanda, Angola	- 08°55' 13°10' -	7.2° 80.5°
	S. Miguel (Ponta Delgado) Observatorio Magnetico (Azores Island)	SM	1911- 052334 1999	1. Observatorio Magnetico de S. Miguel, Ponta Delgado, S. Miguel, Azores, Portugal 2. Servico Meteorologico 3. Nacional, R. Saraiva de Carvalho 2, Lisboa 3, Portugal	37°46' - 25°39'	45.6° 50.9°

1	2	3	4	5	6	7
Rumania	Surlari	SU 045026	1943- 1999	1. Observational Geofiziks, Surlari, Rumania 2. SOS Kiseleff 55, 3. Bucuresti 3, Rumania	44°41' 26°15'	42.5° 106.0°

1	2	3	4	5	6	7
Republic of Gough Island South Africa		GOI 130350			- 40°21' - 9°53' - 33.8°	52.6°
Hermanus Magnetic Observatory		HR 124019	1941- 1999	1. Magnetic Observatory, 2. P. O. Box 32, Hermanus, C. P. Republic of South Africa 3. -	- 34°25' 19°14' - 33.7°	81.7°
Marion Island		MAR 137038			- 46°51' 37°52' - 48.9°	94.2°
Sanae		SAN 160357	1962- 1999	1. - 2. Hermanus Magnetic Observatory, 3. P. O. Box 32, Hermanus, C. P. Republic of South Africa	- 70°19' - 02°32' 63.9°	43.8°

1	2	3	4	5	6	7
Republic of South Africa	Tsumeb	TSU 109018			- 19°13' 17°42' - 18.3°	82.8°

1	2	3	4	5	6	7
Spain						
	Observatorio Geofisico de Almeria	AE 053358	1955-1999	1. Observatorio Geofisico de Almeria, Espana 2. Instituto Geografico y Catastral, General Ibanez de Ibero 3, Madrid, Espana	36°51' - 02°28'	40° 75°
	Ebro (Tortosa)	EB 049359	1943-1999	1. Observatorio del Ebro, Apartado 9, Tortosa, Spain 3. -	40°49' - 00°31'	43.9° 79.7°
	Observatorio Geofisico de Logrono	LG 048358	1956-1999	1. Observatorio Geofisico de Logrono, Apartado 191, Logrono, Spain 2. Ingeniere Jefe de Magnetismo y Aeronomia, General Ibanez de Ibero 3, Madrid 3, Spain 3. -	42°27' - 02°30'	46.1° 77.2°
	Observatorio Geofisico de Moca	MC 087009	1958-1999	1. Observatorio Geofisico de Moca, Apartado 472, Santa Isabel, Fernando Poo 2. Instituto Geografico y Catastral, General Ibanez de Ibero 3, Madrid, Spain	03°21' 08°40'	05.7° 78.6°

1	2	3	4	5	6	7
Spain	Santa Cruz (Tenerife)				28°20' - 16°15'	35.0° - 58.6°
	Observatorio de San Fernando	SF 1891- 054354 1999	1. Instituto y Observatorio de Marina, San Fernando, Cadiz, Espana 2. Instituto Geografico y Catastral, General Ibanez de Ibero 3, Madrid, Spain		36°28' - 06°12'	41.0° 71.3°
	Toledo	TL 1934- 050356 1999	1. Observatorio Central Geofisico, Toledo, Spain 2. Instituto Geografico y Catastral, General Ibanez de Ibero 3, Madrid, Spain		39°53' - 04°03'	43.6° 75.7°

1	2	3	4	5	6	7
Surinam	Paramaribo	PA 084305 1999	1957- 1. Magnetic Station, Scientific Institute WOSUNA, Commewijnestraat 18, Paramaribo, Surinam 2. Royal Netherlands 3. Meteorological Institute, De Bilt, Netherlands		05°49' - 55°13'	17.0° 14.5°

1	2	3	4	5	6	7
Sweden	Abisko Observatory	AI 022019	1945- 1. - 1999		68°21' 18°49' 66°	115°
				2. Kungl. Sjöfartsstyrelsen, 3. Jordmagnetiska Sektionen, Stockholm 100, Sweden		
	Enköpning	EN 030017			59°36' 17°06' 58.5°	105.3°
	Kiruna	KI 022020	1950- 1. Kiruna Geophysical 1999 2. Observatory, Kiruna C, Sweden		67°50' 20°25' 65.3°	115.8°
			3. The Royal Swedish Academie of Science,			
	Lovö	LO 031017	1928- 1.- 1999		59°21' 17°50' 58.1°	105.8°
				2. Swedish Board of Shipping 3. and Navigation, Geomagnetic Section, Stockholm 100, Sweden		

1	2	3	4	5	6	7
Sweden	Lycksele	LYS 015019			64°42' 18°48'	62.7° 110.8°
	Uppsala	UP 030018			59°48' 17°36'	58.6° 105.9°

1	2	3	4	5	6	7
Switzerland	Observatoire Magnétique de Regensburg	RE 043008 1999	1927-1. -		47°29' 08°27'	48.7° 88.0°
				2. Schweizerische Meteorologische Zentralanstalt, Institut Suisse de Météorologie, Krähbühlstr. 58, Zürich 7/44, Suisse		

1	2	3	4	5	6	7
Turkey	Observatoire Astronomique et Géophysique de Istanbul- Kandilli	IK 049029	1947- 1. - 1999		41°04' 29°04' 38.5° 107.5°	
				2. Service Magnétique de 3. 1'Observatoire de Kandilli, Istanbul, Turquie		

1	2	3	4	5	6	7
UAR (United Arab Republic)	Missalat	ML 060031	1957- 1999	1. Ministry of Scientific Research, 2. Helwan Observatory, 3. Helwan Cairo (UAR)	29°45' 30°54'	

1	2	3	4	5	6	7
United Kingdom	Aberystwyth	AW 038356			52°25' - 4°04'	55.9° 79.9°
	Argentina Island Observatory U. K. Antarct.	AR 155296	1956- 1999	1. Argentine Island, Falkland Islands, Dependencies 2. British Antarctic Survey, 3. Department of Natural Philosophy, The University, Drummond Street, Edinburgh 8, Scotland	- 65°15' - 64°16'	53.8° 03.3°
	Eskdalemuir Observatory	ES 035357	1908- 1999	1. Eskdalemuir Observatory, 2. Eskdalemuir Langholm, Dumfriesshire, Great Britain 3. Meteorological Office, 26 Palmerston Place, Edinburgh 12, Scotland	55°19' - 03°12'	58.5° 82.9°
	Grytviken	GRY 144313			- 54°16' - 36°30'	- 43.9° 26.0°

1	2	3	4	5	6	7
United Kingdom	Halley Bay U. K. Antarct.	HY 166333	1. - 1957-1999		- 75°31' - 26°37' - 65.8°	24.2°
			2. British Antarctic Survey, 3. Department of Natural Philosophy, The University, Drummond Street, Edinburgh 8, Scotland			
	Hartland	HA 039356	1. 1957- 1999	1. Royal Greenwich Observatory, Hartland, Bideford, N. Devon, Great Britain 2. Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, Great Britain 3. Her Majesty's Stationery Office, York House, Kingsway, London, W. C. 2, Great Britain	50°58' - 04°29' 54.6°	79.0°
	Lerwick Observatory	LE 030359	1. 1923- 1999	1. Lerwick Observatory, 2. Lerwick, Shetland, Great Britain 3. Meteorological Office, 26 Palmerston Place, Edinburgh 12, Scotland	60°08' - 01°11' 62.5°	88.6°

1	2	3	4	5	6	7
United Kingdom	Mauritius (Indian Ocean)	MR 110058	1960-1999	1. Observatory Department, 2. Observatory Headquarters, 3. Vacoas Mauritius, Indian Ocean	- 20°06' 57°33'	- 26.6° 122.4°
	Plaisance	PL 110058			- 20°26' 57°40'	- 27.0° 122.5°
	Stanley	STA 142302			- 51°42' 57°51'	- 40.4° 09.0°
	Stonyhurst Observatory	ST 036358	1867-1999	1. Stonyhurst College 2. Observatory Near Blackburn, Great Britain 3. -	53°51' - 02°28'	57.0° 82.5°

1	2	3	4	5	6	7
U.S.A.	Adak	ADA 038284			51°34' -176°30'	47.3° 240.0°
	Boulder	BD 050255	1963- 1999	1. High Altitude Observatory 2. of the University of 3. Colorado, Boulder, Colorado, U.S.A.	40°02' -105°18'	48.9° 316.4°
	Byrd Magnetic Observatory (Antarctica)	BY 170240	1957- 1999	1. Byrd Station, Marie Byrd Land, Antarctica 2. U. S. Department of Commerce, 3. Coast and Geodetic Survey, Geomagnetic Division, Washington 25, D. C. 20230, U.S.A.	- 79°59' -120°	- 70.6° 336.0°
	College Magnetic Observatory (Alaska)	CO 025212	1941- 1999	1. Coast and Geodetic Survey, Box 400, Alaska College, Alaska 2. U. S. Department of Commerce, 3. Coast and Geodetic Survey, Geomagnetic Division, Washington 25, D. C. 20230, U. S. A.	64°52' -147°50'	64.7° 256.5°

1	2	3	4	5	6	7
U. S. A.	Fredricksburg Magnetic Observatory	FR 052283	1956- 1999	1. - 2. Coast and Geodetic Survey, Corbin, Virginia, U.S.A. 2. U. S. Department of Commerce, 3. Coast and Geodetic Survey, Washington, D. C. 20230, U.S.A.	38°12' - 77°22'	49.6° 349.9°
Guam	GU 076145	1957- 1999	1. Guam, Mariana Islands, Pacific Ocean 2. U. S. Department of Commerce, 3. Coast and Geodetic Survey, Washington, D.C. 20230, U.S.A.	13°35'	144°52'	03.9° 212.8°
Honolulu	HO 069202	1902- 1999	1. Coast and Geodetic Survey, 91-270 Port Weaver Road, Ewa Beach, Oahu, Hawaii or Coast and Geodetic Survey, P. O. Box 117, Ewa, Oahu, Hawaii 2. U. S. Department of Commerce, 3. Coast and Geodetic Survey, Washington, D. C. 20230, U.S.A.	21°19'	-158°	21.2° 266.5°
Koror (Palau) (Pacific)	KR 083123				07°16'	123°19'

1	2	3	4	5	6	7
U. S. A.	Palo Alto (California)	PAO 053238	1. -		37°14' -122°08'	
			2. U. S. Department of Commerce, 3. Coast and Geodetic Survey, Washington, D. C. 20230, U.S.A.			
	Pt. Barrow Magnetic Observatory (Alaska)	PB 019203 1999	1949- 1. Coast and Geodetic Survey, Barrow, Alaska 2. U. S. Department of Commerce, 3. Coast and Geodetic Survey, Washington, D. C. 20230, U.S.A.		71°18' -156°45'	68.6° 241°
	San Juan Magnetic Observatory (Puerto Rico)	SJ 072294 1999	1926- 1. Coast and Geodetic Survey, Box 9567, Santurce 29, Puerto Rico 2. U. S. Department of Commerce, 3. Coast and Geodetic Survey, Washington, D. C. 20230, U.S.A.		18°23' - 66°07'	29.9° 03.2°
	Sitka Magnetic Observatory (Alaska)	SI 033225 1999	1902- 1. - 2. U. S. Department of Commerce, 3. Coast and Geodetic Survey, Washington, D. C. 20230, U.S.A.		57°03' -135°20'	60° 275.4°
	South Pole Magnetic Observatory (Amundsen-Scott) (Antarctica)	SP 180000 1999	1959- 1. - 2. U. S. Department of Commerce, 3. Coast and Geodetic Survey, Washington, D. C. 20230, U.S.A.		- 90° - 00°	- 78.5° 00°

1	2	3	4	5	6	7
U. S. A.	Tuscon Magnetic Observatory (Arizona)	TU 058249	1909- 1. - 1999	-	32°15' -110°50'	40.4° 312.2°
				2. U. S. Department of Commerce, 3. Coast and Geodetic Survey, Washington, D. C. 20230, U.S.A.		
	Weston	WES 048071	1. -	-	42°20' 71°18'	
				2. U. S. Department of Commerce, 3. Coast and Geodetic Survey, Washington, D. C. 20230, U.S.A.		

1	2	3	4	5	6	7
USSR	Aleksandrovsk-Sakhalinsk	ALJS 039142	1958-1.- 1999	2. WDC - B 2, Ulitza Chkalova 64, Moscow 4, USSR 2. IZMIRAN, Moskowskaja Obl., Leninskii r-n, p/o Votutenki, USSR	50°50', 142°10'	40.4° 205.2°
	Alushta Observatory (Simferopol)	ALJ 045034	1957-1. 1999	1. Crimean Astrophysical Observatory Simferopol, P. O. "Observatory", Crimea 2. WDC - B 2, Ulitza Chkalova 64, Moscow 4, USSR 2. IZMIRAN, Moskowskaja Obl., Leninskii r-n, p/o Votutenki, USSR	44°41', 34°25'	40.9° 113.6°
	Ashkhabad (Vannovskaya)	AK 052058 (VN)	1959- 1999		37°57', 58°06'	

1	2	3	4	5	6	7
USSR						
Barentsburg Station	BAG 011016	1957- 1999	1. -		78°39' 16°23' 74.4° 132.9°	
			2. WDC - B 2, Ulitzha Chkalova 64, Moscow 4, USSR			
			2. Central Administration of the Northern Sea Route of the Ministry of the Marine Fleet of the USSR, 9, Razin Street, Moscow, USSR			
Borok	BOR 032039	1957- 1999	1. Geophysical Station, Borok Nekouzsky Region, Yaroslavskaya District 2. WDC - B 2, Ulitzha Chkalova 64, Moscow 4, USSR 3. Institute of Physics of the Globe of the USSR Academy of Sciences, B Grusinskaya 10, G-242 Moscow, USSR		58°02' 38°58' 52.9° 123.0°	
Cape Chelyuskin Observatory	CC 012104	1935- 1999	1. - 2. WDC - B 2, Ulitzha Chkalova 64, Moscow 4, USSR 2. Central Administration of the Northern Sea Route of the Ministry of the Marine Fleet of the USSR, 9, Razin Street, Moscow, USSR		77°43' 104°17' 65.9° 177°	

1	2	3	4	5	6	7
USSR						
Dikson Island Observatory	DI 016081	1932- 1999	1. -		73°33'	80°34' 62° 161°
			2. Central Administration of 3. the Northern Sea Route of the Ministry of the Marine Fleet of the USSR, 9 Razin Street, Moscow, USSR			
Dusheti Observatory (Tbilisi)	DT 048045	1938- 1999	1. Magnetic Observatory, Dusheti City, Georgian SSR 2. WDC - B 2, Ulitz Chkalova 64, Moscow 4, USSR 2. Institute of Geophysics of 3. the Academy of Sciences of the Georgian SSR, Tbilisi 15, Georgian SSR Voyenny Gorodok 26		42°05'	44°42' 36.7° 122.1°
Irkutsk	IR 025104	1900- 1999	1. - 2. WDC - B 2, Ulitz Chkalova 64, Moscow 4, USSR 2. IZMIRAN, 3. Moskovskaja Obl., Leningradskii r-n, p/o Vavutlenki, USSR		52°16'	104°16'

1	2	3	4	5	6	7
USSR	Keles Observatory (Taschkent)	KE 049069	1925- 1999	1. Uzbek Soviet Republic, Taschkent Region, Kalininsky District, Station Keles 2. Uzbek Republic Radio Centre, 3. Taschkent, 15 Kuibyshev Street	41°25' 69°12' 32.4°	133.7°
	Kiev	KV 039038	1958- 1999		50°43' 30°18' 47.3°	112.2°
	Krasnaya-Pakhra (Moscow)	KP 035037	1946- 1999	1. IZMIRAN, 2. Moskovskaja Obl., 3. Leninskii r-n, USSR p/o Vatutenki,	55°28' 37°19' 50.8°	120.5°
	Lazareva (Antarct.)	LZ 161015	1960- 1999		- 70°46' 14°49'	

1	2	3	4	5	6	7
USSR	Loparskaya	LY 022033	1961- 1999		68°15'	33°05'
	Lovozero Geophysical Station	IOV 022035	1957- 1999	1. Lovozero Geophysical Station, Lovozero Settlement, Lovozersky Region, Murmansk District 2. WDC - B 2, Ulitzha Chkalova 64, Moscow 4, USSR 3. -	67°59'	62.8° 127.3°
	Lvov Observatory	LV 040024	1953- 1999	1. Magnetic Observatory, Ivan Franko City, Lvov Region 2. WDC - B 2, Ulitzha Chkalova 64, Moscow 4, USSR 3. Institute of the Geology of Mineral Resources, Academy of Sciences of the Ukraine, SSR	49°54'	23°45' 48.0° 102.0°

1	2	3	4	5	6	7
USSR	Mirny Observatory (Antarctica)	MY 157093	1956- 1999	1. -	- 66°33'	93°01' 77.0° 146.8°
				2. WDC - B 2, Ulitzha Chkalova 64, Moscow 4, USSR		
				3. Central Administration of the Northern Sea Route of the Ministry of the Marine Fleet of the USSR, 9 Razin Street, Moscow, USSR		
	Arctica I Station (North Pole 6)	NP6 005121	1958- 1999	1. -	85°23'	120°40'
				2. WDC - B 2, Ulitzha, Chkalova 64, Moscow 4, USSR		
				3. Central Administration of the Northern Sea Route of the Ministry of the Marine Fleet of the USSR, 9 Razin Street, Moscow, USSR		
	Novolazarevskaya NLZ 161012				- 70°46'	11°50' 66.2° 53.6°

1	2	3	4	5	6	7
USSR	Oasis Observatory (Antarctica)	OA 024101	1957- 1999	1. Oasis Observatory, Antarctica 2. WDC - B 2, Ulitza Chkalova 64, Moscow 4, USSR 3. Central Administration of the Northern Sea Route of the Ministry of the Marine Fleet of the USSR, 9 Razin Street, Moscow, USSR	66°16' 100°44'	77.6° 160.3°
	Odessa	OD 044031	1900- 1999		46°26' 30°46'	
	Petropavlovsk- Kamchatka Observatory	PK 037159	1957- 1999	1. Petropavlovsk-on-Kamchatka Geophysical Station, 8th Kilometer of the Elizovskoye Highway, P. O. Box 123, Petropavlovsk 2. WDC - B 2, Ulitza Chkalova 64, Moscow 4, USSR 3.	53°06' 158°38'	44.4° 218.2°

1	2	3	4	5	6	7
USSR	Shatsk Station	SHA 036042	1957- 1999	1. Shatsk, Ryazan Region near the village of Polynoe-Yaltunove 2. WDC - B 2, Ulitzha Chkalova 64, Moscow 4, USSR 3. IZMIRAN, Moskowskaja Obl., Leninskii r-n, p/o Vatutenki, USSR	53°59' 41°51'	48.5° 128.8°
	Slutzk	SLU 030030	1900- 1941		59°41' 30°29'	
	Srednikan Observatory	SR 028152	1936- 1999	1. - 2. IZMIRAN, 3. Moskowskaja Obl., Leninskii r-n, p/o Vatutenki, USSR	62°26' 152°19'	53.2° 210.6°

1	2	3	4	5	6	7
USSR	Stepanovka Observatory	STE 043031	1936- 1999	1. The Magnetic Station, P. O. Stepanovka of the Cominternovsky District, Odessa Region, Ukrainian SSR 2. Administration of the 3. Ministry of Communication of the Ukrainian Soviet Republic, Marx Street, 14 Karl Odessa, USSR	46°47' 30°53' 43.8°	111.1°
	Tashkent	TAS 049068	1900- 1999		41°20' 69°18'	
	Tiksi Bay Observatory	TI 018129	1944- 1999	1. - 2. WDC - B 2, Ulitsa Chkalova 64, Moscow 4, USSR 3. Central Administration of the Northern Sea Route of the Ministry of the Marine Fleet of the USSR, 9 Razin Street, Moscow, USSR	71°35' 129° 60.5°	191°

1	2	3	4	5	6	7
USSR	Vannovskaya (Ashkhabad)	VN 054058 (AK)	1959- 1962		37°57' 58°06' 30.5°	133.4°
	Vladivostok	VK 046132	1938		43°41' 132°10' 33.0°	198.0°
	Voloshin Station	VOL 036027	1958- 1999	1. Voloshin Station of the Academy of Sciences, Belorussian SSR 2. WDC - B 2, Ulitzha Chkalova 64, Moscow 4, USSR	54°06' 26°31' 51.4°	110.5°

1	2	3	4	5	6	7
USSR	Vostok Station (Antarctica)	VO 168107	1. - 1957-1959	2. WDC - B 2, Ulitzha Chkalova 64, Moscow 4, USSR 3. Central Administration of the Northern Sea Route of the Ministry of the Marine Fleet of the USSR, 9 Razin Street, Moscow, USSR	- 78°27' 106°52'	89.2° 92.6°
	Voyeykovo Observatory	VOY 030031	1. 1947- 1959 2. IZMIRAN, 3. Moskovskaja Obl., Leningrad Region, Vsevolzhsky District, P. O. Koltushi, USSR 2. IZMIRAN, 3. Moskovskaja Obl., Leningrad Region, Vsevolzhsky District, P. O. Koltushi, USSR p/o Vatutenki, USSR	1. Magnetic Observatory, Voyeykovo Township, Leningrad Region, Vsevolzhsky District, P. O. Koltushi, USSR 2. IZMIRAN, 3. Moskovskaja Obl., Leningrad Region, Vsevolzhsky District, P. O. Koltushi, USSR p/o Vatutenki, USSR	59°57' 30°42'	56.0° 117.0°
	Vysokaya-Dubrava (Sverdlovsk)	VD 033061	1. 1929- 1959 2. Mail Box No. 1, 3. Sverdlovsk Railroad, the Kosulino Station	1. Magnetic Station, 2. Mail Box No. 1, 3. Sverdlovsk Railroad, the Kosulino Station	56°44' 61°04'	48.5° 140.7°

1	2	3	4	5	6	7
USSR	Welen	WE 024190	1935-1960	1. -	66°10' -169°50'	61.8° 237°
				2. WDC - B 2, Ulitzha Chkalova 64, Moscow 4, USSR		
				3. Central Administration of the Northern Sea Route of the Ministry of the Marine Fleet of the USSR, 9 Razin Street, Moscow, USSR		
	Yakutsk Observatory	YA 028130	1931-1999	1. Ministry of Communication of the RSFSR, 2. Yakutsk, Radio Centre, Magnitnaya	62°01' 129°43'	51° 193°
	Yushno- Sakhalinsk Observatory	SA 043143	1942-1999	1. The Sakhalinsk regional Radio-Centre, 61 Moskovskaya Street, South Sakhalinsk 2. WDC - B 2, Ulitzha Chkalova 64, Moscow 4, USSR 3. IZMIRAN, Moskowskaja Obl., Leningradskii r-n, USSR p/o Vatutenki, USSR	46°57' 142°43'	36° 206°

1	2	3	4	5	6	7
USSR	Zaimishe Observatory (Kasan)	ZI 034049	1914- 1962	1. Magnetic Observatory of Zaimishe (Kasan), P. O. 334, Kasan 14 2. V. I. Lenin-University, 3. 18 Chernishevsky Street, Kasan, USSR	55°50' 48°48'	49.3° 130.4°
	Zuy	ZUY 038104	1915- 1958		52°28' 104°02'	

LIST B

Symbol	Index	Name	Country
AA	081039	Addis Ababa	Ethiopia
AD	125138	Adelaide	Australia
ADA	038284	Adak	U.S.A.
AE	053358	Almeria	Spain
AG	046281	Agincourt	Canada
AI	022019	Abisko	Sweden
AK	052058	Ashk habad	USSR
AL	071073	Bombay-Alibag	India
ALS	039142	Aleksandrovsik-Sakhalinsk	USSR
ALU	045034	Alushta	USSR
AM	133173	Amberley	New Zealand
ANN	079080	Chidambaram (Annamalainagar)	India
AP	104188	Apia	New Zealand
AQ	048013	L'Aquila	Italy
AR	155296	Argentine Island	United Kingdom
AS	057131	Aso	Japan
AT	008298	Alert	Canada
AW	038356	Aberystwyth	United Kingdom
B4	016019	Bear Island	Norway
BA	085019	Bangui	Central Afr. Republic
BAG	011016	Barentsburg	USSR
BD	050255	Boulder	U.S.A.
BE	038021	Belsk	Poland
BI	094015	Binza	Congo
BL	026264	Baker Lake	Canada
BN	088030	Bunia	Congo
BOR	032039	Borok	USSR
BR	118153	Brisbane	Australia
BV	041014	Budkov	USSR
BY	170240	Byrd	U.S.A.
CA	046009	Castellaccio	Italy
CAM	143191	Campbell Island	New Zealand
CC	012104	Cape Chelynskin	USSR
CF	042002	Chambon-la-Forêt	France

Symbol	Index	Name	Country
CG	068092	Chittagong	Pakistan
CHR	031266	Fort Churchill	Canada
CI	050352	Coimbra	Portugal
CM	039013	Collmberg	GDR
CO	025212	College	U.S.A.
CP	049014	Capri	Italy
CT	159139	Charcot	France
CZ	137052	I. Crozet	France
DB	040005	Dourbes	Belgium
DD	060078	Dehra Dun	India
DI	016081	Dikson Island	USSR
DO	028009	Dombas	Norway
DS	057263	Dallas	U.S.A.
DT	048045	Dusheti	USSR
DU	157140	Dumont d'Urville	France
EB	049359	Ebro	Spain
EG	165283	Eights Station	U.S.A.
EI	117251	Easter Island	Chile
EN	030017	Enköpping	Sweden
ES	035357	Eskdalemuir	United Kingdom
FQ	085286	Figuene	Columbia
FR	052283	Fredricksburg	U.S.A.
FU	042011	Fürstentfeldbruck	GFR
FY	023215	Fort Yukon	U.S.A.
GA	043003	Garchy	France
GC	045021	Grocka	Jugoslavia
GI	058014	Gibilmanna	Italy
GIL	054074	Gilgit	Pakistan
GN	122116	Gnangara	Australia
GO	021306	Godhavn	Denmark
GOI	130350	Gough Island	Republic of South Africa
GRY	144313	Grytviken	United Kingdom
GT	038010	Göttingen	GFR
GU	076145	Guam	U.S.A.
GW	035282	Great Whale	Canada
HA	039356	Hartland	United Kingdom
HB	042018	Hurbanovo	USSR

Symbol	Index	Name	Country
HJ	057140	Hachijojima	Japan
HL	035019	Hel	Poland
HN	093141	Hollandia	Indonesia
HO	069202	Honolulu	U.S.A.
HOB	133147	Hobart	Australia
HR	124019	Hermanus	Republic of South Africa
HT	162170	Hallett Station	New Zealand
HU	102285	Huancayo	Peru
HY	166333	Halley Bay	United Kingdom
HYD	073078	Hyderabad	India
IB	083004	Ibadan	Nothern Nigeria
IK	049029	Istanbul-Kandilli	Turkey
IR	028104	Irkutsk	USSR
ISF	020019	Isfjord	Norway
JIC	102283	Jicamarca	Peru
JU	029314	Julianehaab	Denmark
KA	054140	Kakioka	Japan
KAR	102027	Karavia	Congo
KE	049069	Keles	USSR
KG	139070	Port-aux-Français (Kerguelen)	France
KI	022020	Kiruna	Sweden
KO	080077	Kodaikanal	India
KP	035037	Krasnaya-Pakhra	USSR
KR	083123	Koror	U.S.A.
KS	056036	Ksara	Lebanon
KU	096107	Kuyper	Indonesia
KV	039038	Kiev	UdSSR
KY	059031	Kanoya	Japan
KZ	055140	Kanozan	Japan
LAU	135190	Lauder	New Zealand
LE	030359	Lerwick	United Kingdom
LG	048358	Logrono	Spain
LI	151315	Laurie Island	Argentina
LM	064033	Laurence Marques	Portugal
LO	031017	Lovö	Sweden
LOV	022035	Lovozero	USSR

Symbol	Index	Name	Country
LQ	112294	La Quiaca	Argentina
LR	092029	Lwiro	Congo
LS	035302	Las Acacias	Argentina
LU	099013	Luanda	Portugal
LUN	065239	Lunping	China (Taiwan)
LV	040024	Lvov	USSR
LY	022033	Loparskaya	USSR
LYS	015019	Lycksele	Sweden
LZ	161015	Lazareva	USSR
MA	040006	Manhey	Belgium
MAR	137038	Marion Island	Republic of South Africa
MB	076343	M'Bour	France
MC	087009	Moca	Spain
MD	049009	Maddalena	Italy
ME	035247	Meanock	Canada
MI	144159	Macquarie Island	Australia
ML	060031	Missalat	UAR
MLB	014241	Mould Bay	Canada
MON	045009	Monte Capellino	Italy
MR	110058	Mauritius	United Kingdom
MT	046144	Memambetsu	Japan
MU	076121	Muntilupa	Philippines Island
MW	158063	Mawson	Australia
MY	157039	Mirny	USSR
NA	043358	Nantes	France
NAG	042017	Nagyceuk	Hungary
NAM	128078	Nouvelle Amsterdam	France
NI	038013	Niemegk	GDR
NLZ	161012	Novolazarevskaya	USSR
NP6	005121	Arctica I	USSR
NR	091037	Nairobi	East Afr. Kenya
NU	030025	Nurmijärvi	Finland
OA	024101	Oasis	USSR
OD	044031	Odessa	USSR
ON	052141	Onagawa	Japan
OT	045284	Ottawa	Canada

Symbol	Index	Name	Country
OU	025025	Oulu	Finland
PA	084305	Paramaribo	Surinam
PAO	053238	Palo Alto	U.S.A.
PB	019203	Port Barrow	U.S.A.
PE	052024	Pendeli	Greece
PI	122296	Pilar	Argentina
PK	037159	Petropavlovsk-Kamchatka	USSR
PL	110053	Plaisance	United Kingdom
PM	099147	Port Moresby	Australia
PN	047024	Panagyurishte	Bulgaria
PR	040015	Pruhonice	USSR
PZ	049013	Ponza Island	Italy
QU	060067	Quetta	Pakistan
RA	040018	Raciborz	Poland
RB	015265	Resolute Bay	Canada
RE	043008	Regensberg	Switzerland
RO	134188	Rolleston	New Zealand
RR	111200	Rarotonga	New Zealand
RS	034012	Rude Skov	Denmark
RY	026338	Leirvogur	Iceland
SA	043143	Yuzhno-Sakhalinsk	USSR
SAN	160357	Sanae	Republic of South Africa
SB	168167	Scott Base	New Zealand
SC	108297	Santa Cruz	Bolivia
SCR	062344	Santa Cruz (Tenerife)	Spain
SF	054354	San Fernando	Spain
SH	059121	Shanghai	China
SHA	036042	Shatsk	USSR
SI	033225	Sitka	U.S.A.
SJ	072294	San Juan	U.S.A.
SJO	113314	S. José dos Campos	Brazil
SLU	030030	Slutzk	USSR
SM	052334	San Miguel (Ponta Delgado)	Portugal
SO	023027	Sodankylä	Finland
SP	180000	South Pole	U.S.A.

Symbol	Index	Name	Country
SR	028152	Srednikan	USSR
SS	056136	Simosato	Japan
ST	036358	Stonyhurst	United Kingdom
STA	142302	Stanley	United Kingdom
STE	043031	Stepanovka	USSR
SU	045026	Surlari	Rumania
SW	038021	Swider	Poland
TA	067006	Tamanrasset	Algeria
TAH	108210	Tahiti-Taravao	France
TAN	084107	Tangerang	Indonesia
TAS	049068	Tashkent	USSR
TE	070261	Teoloyucan	Mexico
TEH	054051	Teheran	Iran
TH	013291	Thule	Denmark
TI	018129	Tiksi Bay	USSR
TL	050356	Toledo	Spain
TN	109048	Tananarive	Malagasy Republic
TO	128145	Toolangi	Australia
TR	020019	Tromsø	Norway
TSU	109018	Tsumeb	Republic of South Africa
TT	091311	Tatuoca	Brazil
TU	058249	Tuscon	U.S.A.
TV	082077	Trivandrum	India
TW	133295	Trelew	Argentina
TY	043018	Tihany	Hungary
UP	030018	Uppsala	Sweden
VA	113316	Vassouras	Brazil
VD	033061	Vysokaya-Dubrava	USSR
VI	041237	Victoria	Canada
VK	046132	Vladivostok	USSR
VL	038350	Valentia	Ireland
VN	054058	Vannovskaya	USSR
VNK	042016	Vienna-Kobenzl	Austria
VO	168107	Vostok	USSR
VOL	036027	Voloshin	USSR
VOY	030031	Voyeykovo	USSR

Symbol	Index	Name	Country
WA	120116	Watheroo	Australia
WE	024190	Welen	USSR
WES	048071	Weston	U.S.A.
WI	037007	Witteveen	Netherlands
WK	156111	Wilkes	Australia
WN	036009	Wingst	GFR
YA	028130	Yakutsk	USSR
ZA	079008	Zaria	Northern Nigeria
ZI	034049	Zaimishe	USSR
ZUY	038104	Zuy	USSR

LIST C

<u>Index</u>	<u>Symbol</u>	<u>Name</u>	<u>Country</u>
005121	NP6	Arctica I	USSR
008298	AT	Alert	Canada
011016	BAG	Barentsburg	USSR
012104	CG	Cape Chelynskin	USSR
013291	TH	Thule	Denmark
014241	MLB	Mould Bay	Canada
015019	LYS	Lycksele	Sweden
015265	RB	Resolute Bay	Canada
016019	B4	Bear Island	Norway
016081	DI	Dikson Island	USSR
018129	TI	Tiksi Bay	USSR
019203	PB	Port Barrow	U.S.A.
020019	ISF	Isfjord	Norway
020019	TR	Tromsø	Norway
021306	GO	Godhavn	Denmark
022019	AI	Abisko	Sweden
022020	KI	Kiruna	Sweden
022033	LY	Loparskaya	USSR
022035	LOV	Lovozero	USSR
023027	SO	Sodankylä	Finland
023215	FY	Fort Yukon	U.S.A.
024101	OA	Oasis	USSR
024190	WE	Welen	USSR
025025	OU	Oulu	Finland
025212	CO	College	U.S.A.
025307	SUK	Sukkertoppen	Denmark
026264	BL	Baker Lake	Canada
026338	RY	Leirvogur	Iceland
028009	DO	Dombas	Norway
028104	IR	Irkutsk	USSR
028130	YA	Yakutsk	USSR
028152	SR	Srednikan	USSR
029314	JU	Julianehaab	Denmark
030017	EN	Enköping	Sweden
030018	UP	Uppsala	Sweden

<u>Index</u>	<u>Symbol</u>	<u>Name</u>	<u>Country</u>
030025	NU	Nurmijärvi	Finland
030030	SLU	Slutzk	USSR
030031	VOY	Voyeykovo	USSR
030359	LE	Lerwick	United Kingdom
031017	LO	Lovö	Sweden
031266	CHR	Fort Churchill	Canada
032039	BOR	Borok	USSR
033061	VD	Vysokaya-Dubrava	USSR
033225	SI	Sitka	U.S.A.
034012	RS	Rude Skov	Denmark
034049	ZI	Zaimishe	USSR
035019	HL	Hel	Poland
035037	KP	Krasnaya-Pakhra	USSR
035247	ME	Meanoock	Canada
035282	GW	Great Whale	Canada
035302	LS	Las Acacias	Argentina
035357	ES	Eskdalemuir	United Kingdom
036009	WN	Wingst	GFR
036027	VOL	Voloshin	USSR
036042	SHA	Shatsk	USSR
036358	ST	Stonyhurst	United Kingdom
037007	WI	Witteveen	Netherlands
037159	PK	Petropavlovsk-Kamchatka	USSR
038010	GT	Göttingen	GFR
038013	NI	Niemegk	GDR
038021	BE	Belsk	Poland
038021	SW	Swider	Poland
038104	ZUY	Zuy	USSR
038284	ADA	Adak	U.S.A.
038350	VL	Valentia	Ireland
038356	AW	Aberystwyth	United Kingdom
039013	GM	Gollmberg	GDR
039038	KV	Kiev	USSR
039142	ALS	Aleksandrovsk-Sakhalinsk	USSR
039356	HA	Hartland	United Kingdom
040005	DB	Dourbes	Belgium

<u>Index</u>	<u>Symbol</u>	<u>Name</u>	<u>Country</u>
040006	MA	Manhey	Belgium
040015	PR	Pruhonice	Y CSSR
040018	RA	Raciborz	Poland
040024	LV	Lvov	USSR
041014	BV	Budkov	Y CSSR
041237	VI	Victoria	Canada
042002	CF	Chambon-la-Forêt	France
042011	FU	Fürstenfeldbruck	GFR
042016	VNK	Vienna-Kobenzl	Austria
042017	NAG	Nagycekn	Hungary
042018	HB	Hurbanovo	Y CSSR
043003	GA	Garchy	France
043008	RE	Regensberg	Switzerland
043018	TY	Tihany	Hungary
043031	STE	Stepanovka	USSR
043143	SA	Yushno-Sakhalinsk	USSR
043358	NA	Nantes	France
044031	OD	Odessa	USSR
045009	MON	Monte Capellino	Italy
045021	GC	Grocka	Jugoslavia
045026	SU	Surlari	Rumania
045034	ALU	Alushta	USSR
045284	OT	Ottawa	Canada
046009	CA	Castellaccio	Italy
046132	VK	Vladivostok	USSR
046144	MT	Memambetsu	Japan
046281	AG	Agincourt	Canada
047024	PN	Panagyurishte	Bulgaria
048013	AQ	L'Aquila	Italy
048045	DT	Dusheti	USSR
048071	WES	Weston	U.S.A.
048358	LG	Logrono	Spain
049009	MD	Maddalena	Italy
049013	PZ	Ponza Island	Italy
049014	CP	Capri	Italy
049029	IK	Istanbul-Kandilli	Turkey

<u>Index</u>	<u>Symbol</u>	<u>Name</u>	<u>Country</u>
049068	TAS	Tashkent	USSR
049069	KE	Keles	USSR
049359	EB	Ebro	Spain
050255	BD	Boulder	U.S.A.
050352	CI	Coimbra	Portugal
050356	TL	Toledo	Spain
052024	PE	Pendeli	Greece
052058	AK	Ashk habad	USSR
052141	ON	Onagawa	Japan
052283	FR	Fredricksburg	U.S.A.
052334	SM	San Miguel (Ponta Delgado)	Portugal
053238	PAO	Palo Alto	U.S.A.
053358	AE	Almeria	Spain
054051	TEH	Teheran	Iran
054058	VN	Vannovskaya	USSR
054074	GIL	Gilgit	Pakistan
054140	KA	Kakioka	Japan
054354	SF	San Fernando	Spain
055140	KZ	Kanozan	Japan
056036	KS	Ksara	Lebanon
056136	SS	Simosato	Japan
057131	AS	Aso	Japan
057140	HJ	Hachiojima	Japan
057263	DS	Dallas	U.S.A.
058014	GI	Gibilmanna	Italy
058249	TU	Tuscon	U.S.A.
059031	KY	Kanoya	Japan
059121	SH	Shanghai	China
060031	ML	Missalat	UAR
060067	QU	Quetta	Pakistan
060078	DD	Dehra Dun	India
062344	SCR	Santa Cruz (Tenerife)	Spain
064033	LM	Laurence Marques	Portugal
065239	LUN	Lunping	China (Taiwan)
067006	TA	Tamanrasset	Algeria

Index	Symbol	Name	Country
068092	CG	Chittagong	Pakistan
069202	HO	Honolulu	U.S.A.
070261	TE	Teoloyucan	Mexico
071073	AL	Bombay-Alibag	India
072294	SJ	San Juan	U.S.A.
073078	HYD	Hyderabad	India
076121	MU	Muntillupa	Philippines Island
076145	GU	Guam	U.S.A.
076343	MB	M'Bour	France
079008	ZA	Zaria	Northern Nigeria
079080	ANN	Chidambaram (Annamalainagar)	India
080077	KO	Kodaikanal	India
081039	AA	AddisAbaba	Ethiopia
082077	TV	Trivandrum	India
083004	IB	Ibadan	Northern Nigeria
083123	KR	Koror	U.S.A.
084107	TAN	Tangerang	Indonesia
084305	PA	Paramaribo	Surinam
085019	BA	Bangui	Central Afr. Republic
085286	FQ	Fúquene	Columbia
087009	MC	Moca	Spain
088030	BN	Bunia	Congo
091037	NR	Nairobi	East Africa Kenya
091311	TT	Tatuoca	Brazil
092029	LR	Lwiro	Congo
093141	HN	Hollandia	Indonesia
094015	BI	Binza	Congo
096107	KU	Kuyper	Indonesia
099013	LU	Luanda	Portugal
099147	PM	Port Moresby	Australia
102027	KAR	Karavia	Congo
102283	JIC	Jicamarca	Peru
102285	HU	Huancayo	Peru
104188	AP	Apia	New Zealand
108210	TAH	Tahiti-Taravao	France

Index	Symbol	Name	Country
108297	SC	Santa Cruz	Bolivia
109018	TSU	Tsumeb	Republic of South Africa
109048	TN	Tananarive	Malagasy Republic
110053	PL	Plaisance	United Kingdom
110058	MR	Mauritius	United Kingdom
111200	RR	Rarotonga	New Zealand
112294	LQ	La Quiaca	Argentina
113314	SJC	S. José dos Campos	Brazil
113316	VA	Vassouras	Brazil
117251	EI	Easter Island	Chile
118153	BR	Brisbane	Australia
120116	WA	Watheroo	Australia
122116	GN	Gnangara	Australia
122296	PI	Pilar	Argentina
124019	HR	Hermanus	Republic of South Africa
125198	AD	Adelaide	Australia
128078	NAM	Nouvelle Amsterdam	France
128145	TO	Toolangi	Australia
130350	GOI	Gough Island	Republic of South Africa
133147	HOB	Hobart	Australia
133173	AM	Amberley	New Zealand
133295	TM	Trelew	Argentina
134188	RO	Rolleston	New Zealand
135190	LAU	Lauder	New Zealand
137038	MAR	Marion Island	Republic of South Africa
137052	CZ	I. Crozet	France
139070	KG	Port-aux-Francais (Kerguelen)	France
142302	STA	Stanley	United Kingdom
143191	CAM	Campbell Island	New Zealand
144159	MI	Macquarie Island	Australia
144313	GRY	Grytviken	United Kingdom
151315	LI	Laurie Island	Argentina
155296	AR	Argentine Island	United Kingdom
156111	WK	Wilkes	Australia
157039	MY	Mirny	USSR

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165283	EG	Eights Station	U.S.A.
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168107	VO	Vostok	USSR
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