

## Catalogue of Copies (microfilms and microfiches) of Analog Magnetograms of the World Network of Geomagnetic Observatories

№	Name of Observatory	IAGA Code	Country	Geographical Coordinates		Altitude, m	Availability of Data, years
				Latitude	Longitude		
1.	Abinger	ABN	U. K.	51.185	359.613	380	1957
2.	Abisko	ABK	Sweden	68.358	18.823		1967-1988
3.	Adak	ADA	U.S.A.	51.870	183.350		1964-1966
4.	Addis Ababa	AAE	Ethiopia	9.035	38.766	2441	1958-1971
5.	Agincourt	AGN	Canada	43.783	280.733	175	1957-1969
6.	Alert	ALE	Canada	82.497	297.647	60	1961-1991
7.	Alibag	ABG	India	18.638	72.872	7	1957-1993
8.	Alma Ata	AAA	Kazakhstan	43.250	76.920	1300	1965-1990
9.	Almeria	ALM	Spain	36.853	357.540	65	1957-1991
10.	Amatsia	AMT	Israel	31.550	34.917		1975-1976
11.	Amberley	AML	New Zealand	-43.152	172.722		1957-1975
12.	Amderma	AMD	Russia	69.470	61.420		1973-1979
13.	Anchorage	AMU	U.S.A.	61.235	210.130		1957-1959
14.	Andrews AFB	AWS	U.S.A.	38.200	282.630		1972
15.	Annamalainagar	ANN	India	11.367	79.683	0	1958-1993
16.	Apia	API	New Zealand	-13.807	188.225	4	1957-1978
17.	Arctic Ice Flo	AIF	U.S.A.	83.520	193.050		1957-1958
18.	Arequipa (Characato)	ARE	Peru	-16.470	288.520		1964-1966, 1968-1970
19.	Argentine Island	AIA	Ukraine	-65.250	295.730	1020	1957-1990
20.	Arkhangelsk	ARK	Russia	64.583	40.500		1969-1972, 1976-1998
21.	Arti	ARS	Russia	56.433	58.567	290	1972-1999
22.	Ashkhabad	ASH	Turkmenistan	37.950	58.100	300	1958-1989
23.	Aso	ASO	Japan	32.882	131.009	561	1957-1959, 1964-1965
24.	Baguio	BAG	Philippines	16.400	120.633		1961, 1964-1989
25.	Baker Lake	BLC	Canada	64.318	263.988	30	1957-1991
26.	Bangui	BNG	France	4.333	18.566	395	1957-1978
27.	Barrow	BRW	U.S.A.	71.320	203.380	12	1957-1978
28.	Barter Island	BTI	U.S.A.	70.130	216.330		1957-1959
29.	Beliy Island	BEY	Russia	73.300	70.000		1972-1980
30.	Beloit	BLT	U.S.A.	39.480	261.870		1957-1959
31.	Belsk	BEL	Poland	51.837	20.792	180	1966-1974
32.	Big Delta	BDE	U.S.A.	64.000	214.270		1957-1958
33.	Binza	BIN	Zaire	-4.380	15.260		1968-1969
34.	Bjornoya (Bear Island)	BJN	Norway	74.504	19.001	20	1974-1990
35.	Borok	BOX	Russia	58.070	38.230	137	1957-1966, 1976-1992
36.	Boulder	BOU	U.S.A.	40.130	254.760	1682	1963-1978
37.	Brorfelde	BFE	Denmark	55.625	11.672	80	1982-1995
38.	Burlington	BRT	U.S.A.	39.280	257.730		1957-1959
39.	Byrd Station	BYR	U.S.A.	-80.000	240.500		1958-1971
40.	Cambridge Bay	CBB	Canada	69.123	254.969	20	1972-1991
41.	Canarias	TEN	Spain	28.480	343.740		1964-1982

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42.	Cape Chelyuskin	CCS	Russia	77.717	104.283	10	1957-1991, 1993
43.	Cape Kamenniy	CKA	Russia	68.500	73.600		1972-1980
44.	Cape Schmidt	CPS	Russia	68.920	180.520		1967-1968
45.	Cape Wellen	CWE	Russia	66.170	190.170	10	1957-1991, 1993-1994
46.	Cape Zhelania	CZA	Russia	77.000	68.600		1976
47.	Capri	CPI	Italy	40.550	14.220		1957-1971
48.	Carrollton	CAX	U.S.A.	39.370	266.530		1957-1959
49.	Casper	CSR	U.S.A.	42.850	253.700		1957-1959
50.	Castellaccio	CAO	Italy	44.430	8.933	350	1957-1962
51.	Cebu	CCP	Philippines	10.300	123.900		1961
52.	Cha-Pa	CPA	Vietnam	22.336	103.835	1550	1957-1959
53.	Chambon-La-Foret	CLF	France	48.025	2.261	145	1957-1974
54.	Chiclayo	CCL	Peru	-6.800	280.200		1957-1960
55.	Chimbote	CMB	Peru	-9.100	281.400		1957-1960
56.	Climax (Leadville)	CLI	U.S.A.	39.370	253.820		1957-1959
57.	College	CMO	U.S.A.	64.870	212.140	197	1957-1992
58.	Copenhagen	COP	Denmark	55.690	12.580		1977
59.	Crozet (Port Alfred)	CZT	France	-46.431	51.860	160	1980-1992
60.	Dallas	DAL	U.S.A.	32.980	263.250		1964-1975
61.	Dar Es Salaam	DRS	Tanzania	-6.510	39.180		1969-1974
62.	Davao	DAV	Philippines	7.080	125.580		1965-1989
63.	Dixon (Dixon Island)	DIK	Russia	73.543	80.562	20	1957-1993
64.	Dombas	DOB	Norway	62.070	9.120	660	1964-1989
65.	Dourbes	DOU	Belgium	50.100	4.600	208	1957-1984
66.	Dumont d'Urville	DRV	France	-66.665	140.007	30	1957-1992
67.	Easter Island	EIC	Chile	-27.170	250.580		1958-1963
68.	Ebro (Tortosa)	EBR	Spain	40.821	0.493	46	1957-1958, 1964-1976
69.	Eielson AFB	ENB	U.S.A.	64.670	212.920		1966-1972
70.	Ekaterinburg (Sverdlovsk)	SVD	Russia	56.730	61.070	290	1957-1977
71.	Eskdalemuir	ESK	U.K.	55.317	356.800	245	1950-1982
72.	Eskimo Point	EKP	Canada	61.100	265.930		1974-1976
73.	Espanola	EPN	U.S.A.	35.820	253.930		1957-1959
74.	Fanning	FAN	U.K.	3.900	200.620		1957-1958
75.	Fort Churchill	FCC	Canada	58.759	265.912	15	1957-1991
76.	Fort Yukon	FYU	U.S.A.	66.570	214.700		1957-1959
77.	Fredericksburg	FRD	U.S.A.	38.200	282.630	69	1957-1993
78.	Freetown	FTN	U.S.A.	8.460	346.790		1961-1967
79.	Fuquene	FUQ	Colombia	5.470	286.270	2562	1957-1985
80.	Furstenfeldbruck	FUR	Germany	48.165	11.277	572	1964-1990, 1992
81.	Genova	GEN	Italy	44.550	8.950		1959-1964
82.	Gillam	GIM	Canada	56.400	265.300		1974-1976
83.	Glenlea	GLN	Canada	49.645	262.880	40	1981-1991
84.	Gnangara	GNA	Australia	-31.780	115.947	60	1957-1984

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85.	Godhavn	GDH	Denmark	69.252	306.467	8	1957-1995
86.	Göttingen	GTT	Germany	51.530	9.970		1957-1958
87.	Great Whale River	GWC	Canada	55.300	282.250	25	1965-1984
88.	Grocka	GCK	Serbia	44.633	20.767	231	1958, 1964-1965
89.	Guam	GUA	U.S.A.	13.590	144.870	140	1957-1993
90.	Hallett	HLL	New Zealand	-72.320	170.220		1957-1962
91.	Halley Bay	HBA	U.K.	-75.500	333.400	30	1957-1980
92.	Hartland	HAD	U.K.	51.000	355.517	95	1957-1991
93.	Hatizyo	HTY	Japan	33.073	139.825	220	1979-1996
94.	Havana	HVN	Cuba	22.970	277.850		1964-1978
95.	Healy	HEA	U.S.A.	63.850	211.030		1957-1958
96.	Heiss Island	HIS	Russia	80.620	58.050	20	1957-1990
97.	Hel	HLP	Poland	54.608	18.817	1	1957-1964
98.	Hermanus	HER	South Africa	-34.425	19.225	26	1957-1991
99.	Hollandia	HNA	Netherlands	-2.570	140.520		1957-1962
100.	Honolulu	HON	U.S.A.	21.320	202.000	4	1957-1991
101.	Huancayo	HUA	Peru	-12.038	284.682	3336	1957-1989
102.	Hurbanovo	HRB	Slovakia	47.873	18.190	120	1971-1982
103.	Hyderabad	HYB	India	17.417	78.550	500	1965-1985
104.	Ibadan	IBD	Nigeria	7.430	3.900	300	1957, 1958, 1965, 1970-1972
105.	Irkutsk	IRT	Russia	52.167	104.450	460	1957-1998
106.	Istanbul-Kandilli	ISK	Turkey	41.063	29.062	130	1959-1978
107.	Ivalo	IVA	Finland	68.600	27.480		1957-1959
108.	Jaipur	JAI	India	26.917	75.800		1975-1988
109.	Jarvis Island	JRV	U.S.A.	-0.380	199.970		1957-1958
110.	Julianehaab	JUL	Denmark	60.720	313.979		1957-1958, 1964-1965
111.	Kakioka	KAK	Japan	36.232	140.186	36	1957-1995
112.	Kaliningrad	KNG	Russia	54.600	20.200		1971-1987
113.	Kanoya	KNY	Japan	31.424	130.880	107	1958-1996
114.	Kap Tobin	KTG	Denmark	70.320	338.030		1957-1959
115.	Karaganda	KGD	Kazakhstan	49.820	73.080		1965-1989
116.	Kazan	KZN	Russia	55.830	48.850	80	1957-1989
117.	Khabarovsk	KHB	Russia	47.615	134.695		1973-1976
118.	Kharasavey	KHS	Russia	71.130	66.830		1974-1980
119.	Kiev	KIV	Ukraine	50.720	30.300	100	1958-1992
120.	Kiruna	KIR	Sweden	67.833	20.417	390	1957-1998
121.	Kodaikanal	KOD	India	10.233	77.467	2323	1957-1979
122.	Kontagora	KNT	Nigeria	10.400	5.450		1964-1965
123.	Koror	KOR	U.S.A.	7.330	134.500		1957-1958, 1964-1966
124.	Kotzebue	KOT	U.S.A.	66.880	197.400		1957-1959
125.	Ksara	KSA	Lebanon	33.820	35.880		1964-1965
126.	Kuyper	KUY	Indonesia	-6.030	106.730	1	1957-1961
127.	Kzyl-Agach	KZA	Kazakhstan	43.850	78.730		1974-1975
128.	L'Aquila	AQU	Italy	42.383	13.317	682	1958-1974
129.	La Quiaca	LQA	Argentina	-22.100	294.400		1963-1967, 1977

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130.	Las Acacias	LAS	Argentina	-35.000	302.320	20	1964-1978
131.	Las Mesas (Tenerife) (Santa Cruz)	SZT	Spain	28.480	343.740	310	1964-1991
132.	Lazarev	LZV	Russia	-69.970	167.100		1960-1961
133.	Leirvogur	LRV	Iceland	64.183	338.301	5	1957-1991
134.	Leningrad	LNN	Russia	59.950	30.700	70	1957-1991
135.	Leningradskaya	LEN	Russia	-69.50	159.40		1971-1973
136.	Lerwick	LER	U.K.	60.133	358.817	85	1950-1982
137.	Lttle America	LAA	U.S.A.	-78.180	197.800		1957-1958
138.	Logrono	LGR	Spain	42.450	357.500		1957-1976
139.	Loparskaya (Murmansk)	MMK	Russia	68.250	33.080	210	1957-1980, 1987, 1996-1999
140.	Loring AFB	LOB	U.S.A.	46.950	292.120		1966-1973
141.	Lovo	LOV	Sweden	59.344	17.824	25	1957-1994
142.	Lunping	LNP	China	25.000	121.167	100	1965-1989
143.	Lvov	LVV	Ukraine	49.900	23.750	400	1957-1992
144.	Lwiro	LWI	Zaire	-2.250	28.800	1680	1964-1965
145.	M' Bour	MBO	France	14.384	343.033	7	1957-1978, 1984, 1986
146.	Macquarie Island	MCQ	Australia	-54.500	158.950	8	1957-1984
147.	Magadan	MGD	Russia	60.120	151.020		1966-1999
148.	Majuro	MJR	U.S.A.	7.080	171.380		1964-1966
149.	Maliya Karmakul	MKL	Russia	72.300	52.500		1977-1978
150.	Manhay	MAB	Belgium	50.300	5.680	440	1957-1958
151.	Mawson	MAW	Australia	-67.604	62.879	12	1957-1981
152.	Meanook	MEA	Canada	54.616	246.653	700	1957-1991
153.	Melville AFB	MEV	U.S.A.	53.280	299.470		1966-1972
154.	Memambetsu	MMB	Japan	43.910	144.189	42	1957-1997
155.	Midway	MDY	U.S.A.	28.210	182.620	3	1964-1965
156.	Minsk	MNK	Belarus	54.100	26.520		1959-1989
157.	Mirny	MIR	Russia	-66.550	93.020	20	1956-1987
158.	Misallat	MLT	Egypt	29.515	30.892	120	1963-1967, 1974-1979
159.	Moca	MFP	Spain	3.350	8.670		1958-1959, 1964-1971
160.	Molodezhnaya	MOL	Russia	-67.670	45.850	0	1965-1986
161.	Moscow	MOS	Russia	55.467	37.312	190	1957-1992
162.	Mould Bay	MBC	Canada	76.315	240.638	40	1961-1991
163.	Muntinlupa	MUT	Philippines	14.370	121.020	62	1957-1958, 1962-1971
164.	Murchison Bay	MUB	Sweden	80.050	18.250		1957-1959
165.	Nairobi	NAI	Kenya	-1.327	36.815	1673	1964-1976
166.	Nagpur	NGP	India	21.150	79.083		1995, 1997-1999
167.	Nagycekn	NCK	Hungary	47.633	16.717	154	1964-1965
168.	Narsarsuaq	NAQ	Denmark	61.200	314.600	4	1968-1995
169.	New Alesund	NAL	Norway	78.920	11.930	12	1974-1990
170.	Newport	NEW	U.S.A.	48.270	242.880	770	1966-1984, 1986
171.	Nida	NDA	Russia	66.600	73.000		1974-1979
172.	Niemegk	NGK	Germany	52.072	12.675	78	1957-1994
173.	Norilsk	NOK	Russia	69.200	88.000		1973-1975

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174.	North Pole 6	NPF	Russia	83.600	9.500		1957-1959
175.	North Pole 7	NPG	Russia	85.820	268.130		1957-1959
176.	North Pole 8	NPH	Russia	77.320	188.300		1958-1962
177.	North Pole 10	NPJ	Russia	76.620	166.380		1961-1962
178.	North Pole 12	NPL	Russia	79.080	187.220		1963-1964
179.	North Pole 13	NPM	Russia	81.000	165.000		1964-1965
180.	Northway	NRW	U.S.A.	62.970	218.050		1957-1959
181.	Norway House	NHO	Canada	53.980	262.170		1974,1976
182.	Novokazalinsk	NKK	Kazakhstan	45.770	62.120		1969-1989
183.	Novolazarevskaya	NVL	Russia	-70.770	11.820	460	1960-1986
184.	Novosibirsk	NVS	Russia	55.030	82.900		1967-1995
185.	Numto	NMT	Russia	63.500	71.400		1974-1978
186.	Nurmijarvi	NUR	Finland	60.508	24.655	105	1957-1975, 1986-1995
187.	Oasis	OAS	Russia	-66.300	100.720		1957-1958
188.	Odessa	ODE	Ukraine	46.780	30.880	140	1957-1992
189.	Onagawa	ONW	Japan	38.430	141.470		1957-1958
190.	Orcades del Sur	ORC	Argentina	-61.000	315.220		1971-1973
191.	Ottawa	OTT	Canada	45.403	284.448	75	1968-1991
192.	Palmyra Island	PAI	U.S.A.	5.880	197.820		1957-1958
193.	Papeete (Pamatai) (Tahiti)	PPT	France	-17.567	210.426		1958-1959, 1966, 1968-1978, 1981-1985
194.	Panagyurishte	PAG	Bulgaria	42.520	24.180		1957-1980
195.	Paramaribo	PAB	Netherland	5.810	304.778	2	1957-1981
196.	Petropavlovsk	PET	Russia	53.100	158.630		1957-1990
197.	Pilar	PIL	Argentina	-31.670	296.120	336	1960-1968, 1977
198.	Pionerskaya	PIO	Russia	-69.730	95.500		1957-1958, 1971-1972
199.	Plaisance	PLS	Mauritius	-20.430	57.670	123	1966
200.	Plateau	PTU	U.S.A.	-79.250	40.500		1966-1968
201.	Podkammenaya Tunguska	POD	Russia	61.400	90.000		1969-1993
202.	Pondicherry	PND	India	11.917	79.917	6	1995-1999
203.	Port-Aux-Francais	PAF	France	-49.353	70.262	35	1957-1984, 1989-1992
204.	Port Moresby	PMG	Papua New Guinea	-9.460	147.160	70	1958-1989
205.	Poste-De-La-Baleine	PBQ	Canada	55.277	282.255	40	1985-1991
206.	Price	PCU	U.S.A.	39.620	249.220		1957-1959
207.	Pruhonic	PRU	Czecho	49.980	14.550		1957-1960, 1964
208.	Rankin Inlet	RIT	Canada	62.800	267.900		1974-1976
209.	Resolute Bay	RES	Canada	74.690	265.105	30	1954-1991
210.	Roi Baudouin	RBD	Belgium	-70.430	24.300		1964-1966
211.	Rude Skov	RSV	Denmark	55.483	12.457	48	1957-1981
212.	San Fernando	SFS	Spain	36.462	353.795	28	1957-1977
213.	San Juan	SJG	U.S.A.	18.110	293.850	424	1957-1993
214.	Sao Miguel	SMG	Portugal	37.770	334.350	175	1964-1965
215.	Scott Base	SBA	New Zealand	-77.850	166.783	10	1957-1958, 1964-1966, 1976
216.	Seykha	SEY	Russia	70.100	72.500		1973-1980

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217.	Shillong	SHL	India	25.550	91.880		1980-1991
218.	Silchar	SIL	India	24.933	92.817		1999
219.	Simosato	SSO	Japan	33.575	135.940	59	1957-1975
220.	Sitka	SIT	U.S.A.	57.060	224.670	24	1957-1989
221.	Sodankyla	SOD	Finland	67.369	26.630	178	1957-1975
222.	South Georgia	SGE	U.K.	-54.280	323.520	580	1975-1981
223.	South Pole	SPA	U.S.A.	-90.000	0.000		1957-1968, 1970, 1977, 1978
224.	Srednikan	SRE	Russia	62.430	152.320		1957-1966
225.	St. Johns	STJ	Canada	47.595	307.323	100	1968-1991
226.	Stonyhurst	STO	U.K.	53.850	357.530		1958, 1961-1966
227.	Sukkertoppen	SKT	Denmark	65.420	307.100		1964-1965
228.	Swider	SWI	Poland	52.120	21.250		1957-1960
229.	Syowa Station	SYO	Japan	-69.006	39.590	29	1959-1995
230.	Talara	TAL	Peru	-4.630	278.700		1957-1960
231.	Tamanrasset	TAM	Algeria	22.792	5.530	1373	1957-1959, 1967-1974
232.	Tambey	TMB	Russia	71.500	71.800		1973-1980
233.	Tananarive	TAN	Malagasy Rep.	-18.917	47.552	1375	1957-1976
234.	Tangerang	TNG	Indonesia	-6.170	106.630	14	1964-1976
235.	Tashkent	TKT	Uzbekistan	41.333	69.617	500	1957-1991
236.	Tatuoca	TTB	Brazil	-1.205	311.487	10	1957-1958, 1964-1965, 1968-1974
237.	Tbilisi	TFS	Georgia	42.080	44.700	982	1957-1992
238.	Tehran	TEH	Iran	35.730	51.380	1367	1965
239.	Teoloyucan	TEO	Mexico	19.746	260.807	2280	1957-1958, 1964-1965, 1969, 1970, 1973-1974
240.	Tevriz	TEV	Russia	57.500	72.400		1974-1979
241.	Thompson	TMP	Canada	55.720	262.120		1974-1976
242.	Thule AFB	THU	Denmark	76.550	291.170		1966-1972
243.	Thule /Qanaq	THL	Denmark	77.483	290.833	57	1957-1995 THU
244.	Tihany	THY	Hungary	46.900	17.893	187	1957-1960, 1971, 1976-1982
245.	Tirunelveli	TIR	India	8.700	77.800		1999
246.	Tixie Bay	TIK	Russia	71.580	129.000	40	1957-1992
247.	Toledo	TOL	Spain	39.880	355.950	501	1957-1959, 1964-1991
248.	Tomsk	TMK	Russia	56.470	84.930	200	1958-1969
249.	Toolangi	TOO	Australia	-37.530	145.470	457	1957-1980
250.	Trelew	TRW	Argentina	-43.248	294.685	30	1957-1970, 1976-1980
251.	Trivandrum	TRD	India	8.480	76.950	300	1957-1959, 1963-1999
252.	Tromso	TRO	Norway	69.670	18.950	105	1964-1990
253.	Tsumeb	TSU	South Africa	-19.202	17.584	1273	1964-1965, 1974-1975
254.	Tucson	TUC	U.S.A.	32.170	249.270	946	1957-1993
255.	Tulsa	TUL	U.S.A.	35.920	264.220	257	1961-1988
256.	Ugut	UGT	Russia	61.00	74.00		1974-1979
257.	Ujjain	UJJ	India	23.183	75.783		1975-1999
258.	Ulan Bator	UBA	Mongolia	47.850	106.750		1966, 1969-1970
259.	Valentia	VAL	Ireland	51.930	349.750	14	1957-1988

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260.	Vassouras	VSS	Brazil	-22.400	316.350	460	1957-1959, 1964, 1970, 1976-1978, 1980-1984
261.	Victoria	VIC	Canada	48.520	236.580	197	1957-1991
262.	Visakhapatnam	VSK	India	17.683	83.317	3	1996-1999
263.	Vladivostok	VLA	Russia	43.697	132.160	178	1957-1988
264.	Vostok	VOS	Russia	-78.450	106.867	3500	1958-1987
265.	Watheroo	WAT	Australia	-30.318	115.877	240	1957-1958
266.	Weston	WES	U.S.A.	42.380	288.680		1965-1969
267.	White Shell	WHS	Canada	49.800	264.800		1976-1980
268.	Wien-Kobenzl	WIK	Austria	48.265	16.318	400	1957-1958, 1964-1965
269.	Wilkes	WIL	Australia	-66.250	110.580		1957-1967
270.	Wingst	WNG	Germany	53.743	9.073	50	1957-1996
271.	Winnipeg	WNP	Canada	49.630	262.870		1974-1975
272.	Witteveen	WIT	Netherland	52.813	6.668	17	1957-1980
273.	Yakutsk	YAK	Russia	62.020	129.720	100	1957-1994
274.	Yauca	YAU	Peru	-15.530	285.330		1957-1960
275.	Yellowknife	YKC	Canada	62.480	245.518	198	1957-1958, 1974-1991
276.	Yuzhno Sakhalinsk	YSS	Russia	46.950	142.717	70	1957-1990
277.	Zaria	ZAR	Nigeria	11.150	7.650		1960-1977