REPORT UAG - 38

WORLD DATA CENTER A
for
Solar-Terrestrial Physics

MASTER STATION LIST
FOR
SOLAR–TERRESTRIAL PHYSICS DATA
AT WDC-A
FOR SOLAR–TERRESTRIAL PHYSICS

DECEMBER 1974

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National Academy of Sciences

2101 Constitution Avenue, N. W. Washington, D. C., U.S.A., 20418

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(3) Inquiries and communications concerning data in specific disciplines should be addressed to the appropriate subcenter listed above.

WORLD DATA CENTER A
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Solar-Terrestrial Physics

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MASTER STATION LIST FOR SOLAR–TERRESTRIAL PHYSICS DATA AT WDC-A FOR SOLAR–TERRESTRIAL PHYSICS

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DECEMBER 1974

Prepared by World Data Center A for
Solar-Terrestrial Physics, NOAA, Boulder, Colorado
and published by

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA SERVICE
Asheville, North Carolina, USA 28801

SUBSCRIPTION PRICE: $25.20 a year; $12.00 additional for foreign mailing; single copy price varies.* Checks and money orders should be made payable to the Department of Commerce, NOAA. Remittance and correspondence regarding subscriptions should be sent to the National Climatic Center, Federal Building, Asheville, NC 28801, Attn: Publications.

*PRICE THIS ISSUE $1.60

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MASTER STATION LIST FOR SOLAR-TERRESTRIAL PHYSICS DATA AT WDC-A FOR SOLAR-TERRESTRIAL PHYSICS

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INTRODUCTION

This report collects information on the locations of stations or observatories active in one or more of the disciplines of Solar-Terrestrial Physics (STP) and participating in the data exchange through the World Data Centers as recommended in the Guide to International Data Exchange [ICSU Panel on WDCs, 1973] and earlier Guides. It also includes stations operating before the data exchange arrangements initiated for the International Geophysical Year (1957-58) for which data are held at World Data Center A for Solar-Terrestrial Physics (WDC-A). Some additional stations are included which are proposed for operation during the International Magnetospheric Study (IMS), 1976-78, as listed in the IMS Bulletin No. 1 [SCOSTEP, 1974].

It should be noted that data copies for the stations and times indicated in this report may not be physically in the WDC-A archives. For some disciplines the Guide calls for archiving only data excerpts or summaries at the WDCs or only filing information that the data exists at some other location. However, WDC-A can assist users to obtain data which is not in the archives. Details such as these are covered in the separate data catalogs.

These Master Station Lists are collected in this separate report, because of a decision to revise the plans for cataloguing worldwide data in Solar-Terrestrial Physics. Hitherto there has been a single users catalog covering all STP disciplines and subdisciplines; the last of these was issued in 1973 as WDC-A Report UAG-30. This comprehensive, all-purpose catalog had become too bulky and inefficient. In the future separate catalogs will be issued for single or small groups of STP disciplines or subdisciplines. These separate catalogs will contain greater detail on the data available through World Data Center A than was possible in the single volume catalog due to space limitations. The first catalog of the new series is already available in published form as Report UAG-35, "Catalogue of Digital Geomagnetic Variation Data at World Data Center A for Solar-Terrestrial Physics".

We have tried to make this Master Station List more than a gazeteer. In addition to the usual alphabetical listing, we have included other presentations we believe of use to the scientific community. Listings are also included of the individual disciplines in a manner appropriate to the respective discipline.

The lists would not be possible but for the cooperation of several groups. The geographical data input originated from the various WDC-A for Solar-Terrestrial Physics data clerks and was necessary for generating the computer-produced lists. The University of Denver furnished the computer programs used in calculating the geomagnetic parameters and provided computing time on the NCAR computer (supported by the National Science Foundation). AFCRL provided the cutoff rigidity computations.

MASTER STATION LIST BY ALPHABET

All of the stations, whose data will be listed in each of the separate major discipline catalogs to be issued by the WDC-A for Solar-Terrestrial Physics, are included in this master station list. Several different listings are shown. The first is an alphabetical listing of all stations. This listing details the scientific program or programs at the stations (disciplines indicated by letter-

number as given on page 4). The letter P indicates proposed programs which will start or reopen during the International Magnetospheric Study years. Geographic coordinates, geomagnetic coordinates, conjugate geomagnetic location, L-shell value, invariant latitude value, computed geocentric magnetic dip, and opening and closing dates are given for each station. For stations with programs in cosmic rays, the cutoff rigidities and station altitudes are also presented.

For all stations the geographic coordinates were converted by an electronic computer program to give geomagnetic coordinates. Other values computed from a single program were the conjugate geomagnetic locations transformed to geographic coordinates, L-shell values in units of earth radii, invariant latitude and geocentric magnetic dip. These computations were performed using the internal field GSFC (12/66) coefficients updated to 1975 [Cain et al., 1967]. Field line tracing was done with the "classical" Hassitt-McIlwain code.

The cosmic ray cutoff rigidities in GV (10^9) were calculated using the International Geomagnetic Reference Field [IAGA Commission 2 Working Group 4 Analysis of the Geomagnetic Field, 1969] with its time derivatives applied to obtain a set of geomagnetic field coefficients appropriate for a 1975.0 Epoch. Only the internal magnetic field was utilized. The method of calculating these values is given by Shea et al. [1965]. For stations having an "L" value greater than 15 earth radii, the "L" approximation of cutoff rigidity with $P_c = 16\ L^{-2}$ was used [Smart and Shea, 1967].

For each station an attempt is being made to prepare as complete a data information bank at WDC-A as possible. The facts now tabulated are source of data with addresses of both sponsoring institution and station itself, reporting times used, type of equipment operated, observing schedules, form of original records, method of scaling and data reduction, form of data submitted to WDC's, etc..

The alphabetical listing appears on pages 6 to 62.

Special Notes:

For opening and closing dates:	-	continuous operation.
	---	intermittent operation.
	( )	holdings begin or end with these dates, not necessarily dates of program operation.
	NK	specific dates not known at present.
	blank	no information available.

Master station list: a single geographic location may appear in the list in two or more places depending upon the name used by the different programs, though an attempt has been made to consolidate all such programs under one preferred name.

Equivalent name: other names used are given on pages 64-66 following the master alphabetical list.

"Lat" : minus sign represents south latitude.
"Long" : all longitudes are given as east longitudes.

Note on Moving Stations: A number of floating stations are included in the Master Station List. These include stations situated on drifting ice floes and islands in the arctic and research ships monitoring solar-terrestrial phenomenon. The coordinates of the arctic ice floes and islands represent nominal positions. An asterisk appears before these truncated position measurements in the various station lists.

Two of the research ships, SOYA and ELTANIN, cruise primarily in the antarctic ocean. The others operate in various parts of the world. For this reason an entry of coordinates variable appears in the station lists.

MASTER STATION LIST SORTED BY GEOMAGNETIC LATITUDE

This second sort of the Master Station List is arranged by geomagnetic latitude from North to South. Only the station name, discipline code (see page 4), "P" for proposed programs, geomagnetic coordinates and L-shell value are included in this listing. Users can refer to the alphabetical listing for further information. The list appears on pages 67 to 88.

SEPARATE DISCIPLINE LISTINGS

The Master Station List has been separated here into the individual discipline listings, arranged in the order given on page 4. Both "Solar and Interplanetary Phenomena" and "Flare-Associated Events", except disciplines C08, C09 and C10, are sorted by geographic longitude. These lists give only the station name and geographic coordinates. All other disciplines, except "Cosmic Rays - F01", are sorted by geomagnetic latitude from North to South, with the station name, geographic coordinates and geomagnetic coordinates given. These listings begin on page 89.

The Cosmic Ray discipline, F01, is sorted by cutoff rigidity. Station name, geographic coordinates, cutoff rigidity and station altitude are given in this Cosmic Ray listing.

REFERENCES

CAIN, J. C., S. J. HENDRICKS, R. A. LANGEL and W. V. HUDSON	1967	A Proposed Model for the International Geomagnetic Reference Field-1965, J. Geomagn. Geoelectr., 19, 335-355.
IAGA COMMISSION 2 WORKING GROUP 4 ANALYSIS OF THE GEOMAGNETIC FIELD	1969	International Geomagnetic Reference Field 1965.0, J. Geophys. Res., 74, 4407.
ICSU Panel on WDCs	1973	Third Consolidated Guide to International Data Exchange through the World Data Centres.
SHEA, M. A., D. F. SMART and K. G. McCRACKEN	1965	A Study of Vertical Cutoff Rigidities Using Sixth Degree Simulations of the Geomagnetic Field, J. Geophys. Res., 70, 4117.
SMART, D. F. and M. A. SHEA	1967	A Study of the Effectiveness of the McIlwain Coordinates in Estimating Cosmic-Ray Vertical Cutoff Rigidities, J. Geophys. Res., 72, 3447.
The SCOSTEP Secretariat	1974	IMS Bulletin No. 1, Directory of Participants.

SOLAR-TERRESTRIAL PHYSICS DISCIPLINE CODES

SOLAR AND INTERPLANETARY PHENOMENA

A01 Sunspot Positions, Areas and Classifications
A02 Sunspot Numbers
A03 Solar Magnetic Fields
A04 H-alpha Observations (other than flares)
A05 Calcium Plages: Positions, Areas, Maximum Intensities
A06 Combined and Special Optical Observations - Solar Maps, Prominences and Filaments
A07 Optical Observations of the Corona
A08 Total Radio Flux Measurements
A09 Radar and Radio Maps of the Sun
A10 Radio East-West Scans of Solar Disk
A11 Solar X-Ray and UV Background Levels
A12 Energetic Solar Protons and Solar Electrons
A13 Solar Wind
A14 Comet Tails, Interplanetary Scintillations, Zodiacal Light
A15 Sporadic Radio Emissions from Jupiter
A16 Solar Radiation
A17 Interplanetary Magnetic Fields
A18 Interplanetary Electric Fields

IONOSPHERIC PHENOMENA

B01 Ionosphere Vertical Soundings
B02 Topside-Vertical Incidence Soundings
B03 Incoherent Scatter Soundings
B04 Oblique Incidence Soundings
B05 Ionospheric or Aeronomical Rockets
B06 Total Electron Content - Satellite Beacons
B07 Absorption - Method A 1 (Pulse Echo)
B08 Absorption - Method A 2 (Riometer)
B09 Absorption - Method A 3 (CW Field-Strength)
B10 Ionospheric Drifts
B11 Ionospheric Scintillations from Satellite Beacons
B12 Ionospheric Back-and Forward-Scatter
B13 Whistlers and VLF Emissions
B14 Atmospheric Radio Noise
B15 Partial Reflection Data
B16 Reference Ionospheric Models

FLARE-ASSOCIATED EVENTS

C01 H-alpha Flares
C02 Solar Magnetic Field in Active Regions and Their Short-Term Changes
C03 Solar Radio Events Fixed Frequency
C04 Solar Radio Spectrograms of Events
C05 Solar X-Ray Observations
C06 Sudden Ionospheric Disturbances - Ground-Based Observations
C07 Solar Protons and Electrons - Direct Measurement
C08 Solar Protons - Riometer
C09 Solar Protons - Ionospheric Vertical Incidence Soundings
C10 Solar Protons and Electrons - VHF Forward Scatter
C11 Solar Protons - Other Types of Measurements
C12 Solar, Ionospheric or Aeronomical Rockets
C13 Cosmic Ray Ground Level Increases

GEOMAGNETIC VARIATIONS

D01 Standard and Rapid Run Measurements
D02 Magnetospheric Micropulsation Phenomena
D03 Space Magnetism
D04 Magnetospheric Particles
D05 Measurement of Magnetosphere by Whistler and VLF Emission

AURORA

E01 All-sky Camera Observations
E02 Visual Observations
E03 Other Optical Techniques (Spectral Lines, etc.)
E04 Radio and Radar Observations
E05 Satellite Measurements and Imagery

COSMIC RAYS

F01 Neutron Monitors and Supermonitors
F02 Ionization Chambers
F03 Meson Telescope (cubical, crossed, narrow angle and wide angle)
F04 Balloon Measurements
F05 Aircraft and Ship Measurements
F06 Satellite Measurements

AIRGLOW

G01 Ground-Based Observations
G02 Satellite Observations

MISCELLANY

H01 Noctilucent Clouds
H02 Meteorological Rockets
H03 Atmospheric Ozone
H04 Special Interdisciplinary Projects
H05 Record of Sounding Rocket Launchings

MASTER STATION LIST

Note: Since the geographic coordinates have been taken from many different sources, stations are asked to check the entries carefully and to report any inaccuracies promptly to WDC-A for Solar-Terrestrial Physics, NOAA, Boulder, Colorado, 80302 U.S.A.

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
ABASTUMANI	A06	41.75	42.83	36.60	120.70	-25.54	49.88	1.53	36.13	59.67			(10/1957)-
	A08	41.75	42.83	36.60	120.70	-25.54	49.88	1.53	36.13	59.67			(12/1957)-
	C01	41.75	42.83	36.60	120.70	-25.54	49.88	1.53	36.13	59.67			(7/1957)-
	C03	41.75	42.83	36.60	120.70	-25.54	49.88	1.53	36.13	59.67			(12/1957)-
	G01	41.90	42.70	36.77	120.63	-25.73	49.84	1.54	36.31	59.83			(7/1957)-
ABERDEEN (US)	A11	45.50	261.50	55.17	323.45	-62.73	229.34	3.18	55.87	73.40			(10/1965)-(11/1958)
	C05	45.50	261.50	55.17	323.45	-62.73	229.34	3.18	55.87	73.40			1/1966---
ABERDEEN(UK)	G01	57.17	357.93	59.88	85.77	-53.86	32.22	3.18	55.87	70.93			NK
ABERYSTWYTH	B01	52.43	355.93	55.82	80.67	-47.48	23.25	2.54	51.18	67.61			NK
	B03	52.43	355.93	55.82	80.67	-47.48	23.25	2.54	51.18	67.61			NK
	B06	52.43	355.93	55.82	80.67	-47.48	23.25	2.54	51.18	67.61			NK
	B07	52.43	355.93	55.82	80.67	-47.48	23.25	2.54	51.18	67.61			1/1964---12/1965
	B10	52.43	355.93	55.82	80.67	-47.48	23.25	2.54	51.18	67.61			1/1964 -
	B11	52.43	355.93	55.82	80.67	-47.48	23.25	2.54	51.18	67.61			NK
	B13	52.43	355.93	55.82	80.67	-47.48	23.25	2.54	51.18	67.61			
	D01	52.43	355.93	55.82	80.67	-47.48	23.25	2.54	51.18	67.61			NK
	D02	52.43	355.93	55.82	80.67	-47.48	23.25	2.54	51.18	67.61			NK
ABISKO	D01	68.36	18.82	65.94	115.28	-59.18	64.49	5.64	65.09	77.06			1/1921 ---
	E01	68.36	18.82	65.94	115.28	-59.18	64.49	5.64	65.09	77.06			(8/1958)-(4/1959)
ABRA PAMPA	E03	-23.10	294.30	-11.65	3.54	-2.41	293.42	1.10	17.55	-17.89			
ACCRA	B01	5.63	359.83	9.56	70.74	5.58	359.84	1.00	.85	-10.54			8/1961 - 7/1963
	B06	5.63	359.83	9.56	70.74	5.58	359.84	1.00	.85	-10.54			(10/1964)-
	B08	5.63	359.83	9.56	70.74	5.58	359.84	1.00	.85	-10.54			12/1962 -
	B11	5.63	359.83	9.56	70.74	5.58	359.84	1.00	.85	-10.54			7/1957-(12/1959)
	B14	5.63	359.83	9.56	70.74	5.58	359.84	1.00	.85	-10.54			(7/1957)-(3/1958)
	D01	5.63	359.83	9.56	70.74	5.58	359.84	1.00	.85	-10.54			(3/1963)-(4/1965)
	D02	5.63	359.83	9.56	70.74	5.58	359.84	1.00	.85	-10.54			NK
ADAK	B01	51.90	183.40	47.31	240.43	-38.96	164.55	2.11	46.47	63.14			10/1945 - 12/1955
	B09	51.90	183.40	47.31	240.43	-38.96	164.55	2.11	46.47	63.14			7/1957 - 12/1965
	B11	51.90	183.40	47.31	240.43	-38.96	164.55	2.11	46.47	63.14			10/1960 - 1/1963
	B13	51.90	183.40	47.31	240.43	-38.96	164.55	2.11	46.47	63.14			2/1952 - 10/1952
	C06	51.90	183.40	47.31	240.43	-38.96	164.55	2.11	46.47	63.14			(7/1957)-(12/1955)
	D01	51.87	183.35	47.28	240.39	-38.92	164.54	2.11	46.43	63.11			9/1964 - 1/1965
ADDIS ABABA	B06	9.63	38.77	5.89	109.72	8.46	38.80	.95	-1.00	.54			(7/1966)-
	C06	9.03	38.77	5.30	109.61	8.17	38.79	.95	-1.00	-.98			6/1960 --- 1/1951
	D01	9.03	38.77	5.30	109.61	8.17	38.79	.95	-1.00	-.98			1/1958 -
	D02	9.03	38.77	5.30	109.61	8.17	38.79	.95	-1.00	-.98			NK
ADELAIDE	A14	-34.60	138.40	-44.53	212.67	53.06	143.35	2.00	45.06	-66.83			
	B10	-34.60	138.40	-44.53	212.67	53.06	143.35	2.00	45.06	-66.83			(1/1968)-
	B13	-34.60	138.40	-44.53	212.67	53.06	143.35	2.00	45.06	-66.83			8/1957 -(12/1959)
	D01	-34.60	138.40	-44.53	212.67	53.06	143.35	2.00	45.06	-66.83			1/1973 -
	G01	-34.60	138.40	-44.53	212.67	53.06	143.35	2.00	45.06	-66.83			
ADELAIDE IS	E02	-67.77	295.08	-56.32	3.10	39.95	292.47	2.64	51.38	-59.78			NK
AGINCOURT	D01	43.78	280.73	55.04	347.62	-69.65	262.01	3.22	56.15	73.64			9/1938 - 3/1969
AHMEDABAD	B01	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			2/1953 -
	B02	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			6/1968 -
	B06	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			(11/1964)-
	B07	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			8/1957 - 12/1959
	B08	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			4/1964 ---
	B09	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
AHMEDABAD	B10	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			7/1957 - 12/1958
	B13	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			
	B15	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			
	C03	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			6/1967 -
	C04	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			6/1967 -
	D01	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			1/1973 -
	F01	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32	15.98	0	7/1957 ---
	F03	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			7/1957 - 12/1962
	G01	23.02	72.60	13.82	144.37	-4.29	74.04	1.00	-1.00	31.32			
AKITA	B01	39.70	140.10	29.53	205.87	-22.26	137.88	1.34	30.23	53.24			12/1949 -
	B05	39.57	140.07	29.40	205.86	-22.14	137.87	1.34	30.08	53.09			
	B09	39.70	140.10	29.53	205.87	-22.26	137.88	1.34	30.23	53.24			10/1951 - 12/1965
AKLAVIK	E01	68.10	225.00	70.06	264.43	-62.78	167.08	8.95	70.48	81.18			(12/1957)-(10/1958)
ALAMOGORDO	B08	32.26	318.40	42.20	32.25	-39.49	340.86	1.65	38.93	54.22			11/1962 - 11/1964
	E03	32.26	318.40	42.20	32.25	-39.49	340.86	1.65	38.93	54.22			NK
ALASKA ROCKET RA	B05	65.10	212.50	65.00	257.03	-57.30	167.76	5.57	64.92	77.10			
ALBUQUERQUE	B05	65.10	212.50	65.00	257.03	-57.30	167.76	5.57	64.92	77.10			
ALDAN	E01	58.70	125.40	47.52	191.39	-39.40	124.43	2.60	51.70	74.13			(1/1958)---(5/1959)
ALERT	B01	82.60	297.40	85.78	167.91	-72.56	117.15	307.64	86.73	86.17			8/1957 - 12/1958
	C09	82.60	297.40	85.78	167.91	-72.56	117.15	307.64	86.73	86.17			8/1957 - 12/1958
	D01	82.50	297.50	85.87	167.29	-72.62	117.23	309.49	86.74	86.14			10/1961 -
	E01	82.50	297.40	85.88	167.46	-72.62	117.25	311.86	86.75	86.15			(11/1957)---(2/1959)
	F01	82.52	297.40	85.86	167.55	-72.61	117.23	311.05	86.75	86.15	0.00	66	10/1965 -
	F03	82.52	297.40	85.86	167.55	-72.61	117.23	311.05	86.75	86.15			10/1965 -
ALIBAG	D01	18.63	72.87	9.43	144.06	.19	73.79	.96	-1.00	21.96			1/1904 -
ALIGARH	B10 P	27.90	78.07	18.08	150.07	-8.94	79.88	1.06	13.75	40.23			/1975
	F01	27.90	78.07	18.08	150.07	-8.94	79.88	1.06	13.75	40.23	14.84	186	12/1971 -
ALLAKAKET	E01	66.50	207.40	65.26	251.09	-56.81	164.06	5.74	65.32	77.29			(9/1965)-(3/1966)
ALLOIS	B09	47.00	2.00	49.45	84.09	-36.48	20.08	2.01	45.10	63.04			1/1964 -
ALMA ATA	A06	43.25	76.92	33.42	151.11	-25.20	82.21	1.52	35.74	62.20			NK
	A07	43.25	76.92	33.42	151.11	-25.20	82.21	1.52	35.74	62.20			(8/1957)- 8/1962
	B01	43.25	76.92	33.42	151.11	-25.20	82.21	1.52	35.74	62.20			1/1943---
	B07	43.25	76.92	33.42	151.11	-25.20	82.21	1.52	35.74	62.20			7/1957 -
	B08	43.25	76.92	33.42	151.11	-25.20	82.21	1.52	35.74	62.20			1/1964 -
	B10	43.25	76.92	33.42	151.11	-25.20	82.21	1.52	35.74	62.20			(1/1964)-
	B14	43.25	76.92	33.42	151.11	-25.20	82.21	1.52	35.74	62.20			(9/1958)-
	C01	43.25	76.92	33.42	151.11	-25.20	82.21	1.52	35.74	62.20			10/1957 - 10/1962
	D01	43.25	76.92	33.42	151.11	-25.20	82.21	1.52	35.74	62.20			1/1963 -
	D02	43.25	76.92	33.42	151.11	-25.20	82.21	1.52	35.74	62.20			
	F01	43.25	76.92	33.42	151.11	-25.20	82.21	1.52	35.74	62.20	6.77	806	7/1957---
	F03	43.25	76.92	33.42	151.11	-25.20	82.21	1.52	35.74	62.20			1/1962---
ALMERIA	D01	36.85	357.53	40.54	75.75	-21.92	8.56	1.40	32.40	52.06			1/1955 -
ALOUSHTA	D01	44.68	34.42	40.93	113.99	-29.37	43.82	1.70	39.88	62.22			1/1957 -
ALSBJERG	B04	56.68	9.10	57.20	96.31	-49.70	38.16	2.91	54.14	70.61			(10/1970)-
	B12	56.68	9.10	57.20	96.31	-49.70	38.16	2.91	54.14	70.61			(1/1970)-
AMBERLEY	D01	-43.15	172.72	-47.56	252.98	52.46	197.36	2.35	49.31	-68.33			1/1902 -
AMDERMA	B08	69.76	61.68	60.95	147.55	-52.53	87.68	5.38	64.46	80.09			1/1964 - (1965)
AMSTERDAM	F02	52.22	4.92	53.84	89.58	-44.29	28.57	2.41	49.93	67.42			6/1952 - 11/1962
ANCHORAGE	B01	61.20	210.10	61.01	258.60	-53.82	171.74	4.13	60.52	73.96			4/1949 - 12/1965
	B08	61.20	210.10	61.01	258.60	-53.82	171.74	4.13	60.52	73.96			4/1962 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
ANCHORAGE	B09	61.20	210.10	61.01	258.60	-53.82	171.74	4.13	60.52	73.95			7/1957 -
	B12	61.17	210.08	60.98	258.61	-53.79	171.76	4.12	60.49	73.93			4/1964 - 12/1967
	B13	61.17	210.08	60.98	258.61	-53.79	171.76	4.12	60.49	73.93			11/1957 - 12/1958
	C06	61.17	210.08	60.98	258.61	-53.79	171.76	4.12	60.49	73.93			(7/1957)-
	C10	61.17	210.08	60.98	258.61	-53.79	171.76	4.12	60.49	73.93			NK
	D01	61.20	210.10	61.01	258.60	-53.82	171.74	4.13	60.52	73.95			(7/1957)-
	D02	61.23	210.08	61.04	258.55	-53.83	171.70	4.14	60.55	73.98			NK
ANDENES	B05	69.10	16.00	67.09	113.98	-60.49	65.08	6.07	66.05	77.37			
ANDOVER	E03	42.00	289.00	53.47	358.09	-69.82	284.62	2.92	54.20	71.47			NK
ANDOYA	B04	69.30	16.00	67.27	114.25	-60.66	65.81	6.16	66.25	77.47			3/1964 -
	B05	69.30	16.00	67.27	114.25	-60.66	65.81	6.16	66.25	77.47			
	E03	69.30	16.00	67.27	114.25	-60.66	65.81	6.16	66.25	77.47			
ANDREWS AFB	D01	38.20	282.63	49.54	350.42	-64.86	270.10	2.50	50.72	69.26			7/1972 -
ANGMAGSSALIK	B08	65.61	322.34	74.23	53.21	-76.98	41.83	8.95	70.47	78.32			
	C08	65.61	322.34	74.23	53.21	-76.98	41.83	8.95	70.47	78.32			9/1972 -
	D02 P	65.61	322.34	74.23	53.21	-76.98	41.83	8.95	70.47	78.32			/1976
ANN ARBOR	C04	42.24	276.27	53.28	342.24	-66.47	254.32	2.95	54.43	72.50			10/1958---7/1961
	G01	42.24	276.27	53.28	342.24	-66.47	254.32	2.95	54.43	72.50			
ANNAMALAINAGAR	D01	11.40	79.68	1.51	149.81	7.94	79.81	.92	-1.00	4.16			10/1957 -
ANNETTE IS	B12	55.25	228.29	59.10	280.86	-55.96	188.86	3.69	58.63	73.59			1/1964 - 12/1967
	C10	55.25	228.29	59.10	280.86	-55.96	188.86	3.69	58.63	73.59			NK
ANTIQUA	B05	17.15	298.21	28.51	8.36	-42.27	306.10	1.37	31.46	46.30			NK
ANTOFAGASTA	B02	-23.62	289.72	-12.15	359.24	-1.82	289.88	1.10	17.24	-19.05			9/1962 - 8/1963
	B12	-23.62	289.72	-12.15	359.24	-1.82	289.88	1.10	17.24	-19.05			12/1957 - 11/1958
APATITY	D01	67.55	33.33	62.74	125.61	-55.27	70.03	4.97	63.34	77.07			1/1973 -
	F01	67.55	33.30	62.74	125.59	-55.28	70.01	4.97	63.35	77.07	.61	182	1/1962 -
	F03	67.55	33.30	62.74	125.59	-55.28	70.01	4.97	63.35	77.07			4/1965 -
	F04	67.55	33.30	62.74	125.59	-55.28	70.01	4.97	63.35	77.07			NK
APIA	D01	-13.80	188.22	-15.96	260.69	14.41	193.63	1.05	12.06	-28.05			1/1905 -
	D02	-13.80	188.22	-15.96	260.69	14.41	193.63	1.05	12.06	-28.05			7/1957 --- 12/1955
ARCETRI	A01	43.75	11.25	44.50	91.88	-29.52	23.38	1.71	40.05	60.13			6/1872 ---
	A05	43.75	11.25	44.50	91.88	-29.52	23.38	1.71	40.05	60.13			(7/1957)- 12/1959
	A06	43.75	11.25	44.50	91.88	-29.52	23.38	1.71	40.05	60.13			1/1965 ---
	A08	43.75	11.25	44.50	91.88	-29.52	23.38	1.71	40.05	60.13			1/1965 -
	C01	43.75	11.25	44.50	91.88	-29.52	23.38	1.71	40.05	60.13			6/1915 ---
	C03	43.75	11.25	44.50	91.88	-29.52	23.38	1.71	40.05	60.13			(7/1965)-
	C06	43.75	11.25	44.50	91.88	-29.52	23.38	1.71	40.05	60.13			(4/1964)---(5/1957)
ARCTIC ICE FLO	D01	*83	193	76	207	-64	132	29	79	87			7/1957 --- 10/1958
	E01	*80	195	74	219	-62	139	18	76	85			(11/1957)-(3/1958)
	E03	*80	195	74	219	-62	139	18	76	85			
ARCTICA (NP-10)	B01	*78	165	69	208	-58	135	10	72	84			12/1962 - 4/1964
	C09	*78	165	69	208	-58	135	10	72	84			
	D01	*76	166	68	210	-57	137	9	70	83			11/1961 - 5/1962
ARCTICA (NP-11)	B01	*79	165	70	207	-58	134	12	73	84			7/1962 - 10/1962
	C09	*79	165	70	207	-58	134	12	73	84			
ARCTICA (NP-12)	D01	*79	187	72	217	-61	139	14	75	84			5/1963 - 4/1964
ARCTICA (NP-13)	B01	*81	165	71	204	-60	131	15	75	86			7/1964 - 9/1965
	C09	*81	165	71	204	-60	131	15	75	86			
ARCTICA (NP-16)	B01	*78	176	70	214	-59	138	11	73	83			6/1968 -
ARCTICA (NP-19)	B01	*78	150	67	200	-57	130	10	71	84			(7/1970)-

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
ARCTICA I (NP-6)	B01	*82	9	77	143	-67	99	26	78	83			7/1957 - 9/1959
	C09	*82	9	77	143	-67	99	26	78	83			7/1957 - 9/1959
	D01	*83	9	78	148	-67	101	30	79	84			7/1957 - 3/1959
	E01	*82	9	77	143	-67	99	26	78	83			7/1957 - 9/1959
ARCTICA II (NP-7)	B01	*86	296	82	177	-69	118	120	84	86			7/1957 - 3/1959
	C09	*86	296	82	177	-69	118	120	84	86			
	D01	*85	268	82	191	-59	122	152	85	87			7/1957 - 3/1959
	E01	*86	296	82	177	-69	118	120	84	86			
ARCTICA II (NP-8)	B10	*80	165	70	205	-59	132	13	74	85			6/1960 - 10/1961
	C09	*80	165	70	205	-59	132	13	74	85			
	D01	*77	188	71	221	-60	142	12	73	83			5/1959 - 2/1962
ARECIBO	B01	18.50	293.17	29.96	2.89	-45.65	296.00	1.41	32.74	48.95			(6/1963)-
	B03	18.50	293.17	29.96	2.89	-45.65	296.00	1.41	32.74	48.95			
	B05	18.50	293.17	29.96	2.89	-45.65	296.00	1.41	32.74	48.95			
	B13	18.50	293.17	29.96	2.89	-45.65	296.00	1.41	32.74	48.95			1/1965 - 2/1965
	G01	18.50	293.17	29.96	2.89	-45.65	296.00	1.41	32.74	48.95			
AREQUIPA	B12	-16.73	288.13	-5.27	357.69	-16.74	288.13	1.06	14.15	-7.86			12/1957 - 11/1958
	C06	-16.73	288.13	-5.27	357.69	-16.74	288.13	1.06	14.15	-7.86			1/1974 -
	D01	-16.47	288.52	-5.00	358.07	-16.48	288.52	1.06	14.17	-7.33			1/1958 -
ARGENTINE IS	B01	-65.20	295.70	-53.76	3.67	37.38	292.65	2.38	49.56	-57.82			5/1948---
	B13	-65.25	295.73	-53.81	3.68	37.43	292.66	2.38	49.61	-57.85			7/1957 - 12/1965
	D01	-65.20	295.70	-53.76	3.67	37.38	292.65	2.38	49.56	-57.82			1/1957 -
	E02	-65.20	295.70	-53.76	3.67	37.38	292.65	2.38	49.56	-57.82			NK
ARKHANGELSK	E01	64.60	40.50	58.89	128.72	-51.24	69.60	4.02	60.09	75.95			(3/1958)---(5/1959)
ARLIS III	E01	*75	210	72	239	-62	151	13	74	83			(2/1964)-(3/1964)
ARMIDALE	B06	-30.50	151.50	-38.81	226.47	47.18	160.06	1.66	39.12	-61.09			(5/1967)-
AROSA	A01	46.78	9.68	47.72	91.59	-34.45	25.11	1.94	44.11	62.99			(1957)-
	A06	46.78	9.68	47.72	91.59	-34.45	25.11	1.94	44.11	62.99			NK
	A07	46.78	9.68	47.72	91.59	-34.45	25.11	1.94	44.11	62.99			(9/1957)---
	C01	46.78	9.68	47.72	91.59	-34.45	25.11	1.94	44.11	62.99			(1/1968) -
ASCENSION IS	B05	-7.98	345.58	-1.33	54.29	20.65	337.61	1.10	17.78	-32.81			
ASHKHABAD	B01	37.90	58.30	30.39	133.69	-20.71	63.31	1.35	30.55	55.75			3/1957 -
	B06	37.90	58.30	30.39	133.69	-20.71	63.31	1.35	30.55	55.75			(6/1967) -
	B07	37.93	58.37	30.41	133.76	-20.74	63.39	1.35	30.58	55.79			6/1957 -
	B10	37.93	58.37	30.41	133.76	-20.74	63.39	1.35	30.58	55.79			1/1958 -
	B14	37.77	58.37	30.25	133.72	-20.57	63.33	1.34	30.38	55.60			(3/1959)-5/1962
	D01	37.95	58.10	30.47	133.52	-20.77	63.14	1.35	30.62	55.81			9/1958 -
	D02	37.95	58.10	30.47	133.52	-20.77	63.14	1.35	30.62	55.81			4/1959 -
	D03	37.95	58.10	30.47	133.52	-20.77	63.14	1.35	30.62	55.81			
	G01	37.95	58.10	30.47	133.52	-20.77	63.14	1.35	30.62	55.81			1/1964 - 2/1965
ASHLAND	D02	46.30	291.70	57.77	1.52	-74.04	291.54	3.57	58.03	73.91			
ASMARA	B04	15.00	39.00	11.12	110.98	3.77	39.27	.97	-1.00	13.87			NK
ASO	D01	32.88	131.02	22.06	198.49	-15.85	130.30	1.16	21.91	46.24			1/1940 -
	D02	32.53	131.01	21.71	198.51	-15.52	130.30	1.15	21.46	45.75			
	G01	32.88	131.02	22.06	198.49	-15.85	130.30	1.16	21.91	46.24			(8/1957)-
ASPENDALE	G01	-38.02	145.07	-47.11	221.02	56.03	154.52	2.27	48.37	-69.05			
ATHENS (I)	A01	37.99	23.75	36.47	101.90	-20.75	29.64	1.39	32.12	54.41			(11/1968)-
	A02	37.99	23.75	36.47	101.90	-20.75	29.64	1.39	32.12	54.41			(11/1968)-
	A06	37.99	23.75	36.47	101.90	-20.75	29.64	1.39	32.12	54.41			(7/1957)---
	B01	38.00	23.60	36.51	101.76	-20.76	29.51	1.39	32.13	54.41			12/1943 ---

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
ATHENS (1)	B08	38.00	23.60	36.51	101.76	-20.76	29.51	1.39	32.13	54.41			10/1963 - 8/1964
	B09	38.00	23.80	36.47	101.95	-20.76	29.69	1.39	32.13	54.42			11/1970 -
	C01	37.97	23.72	36.46	101.86	-20.72	29.60	1.39	32.09	54.38			(7/1957)---
	C03	38.00	23.81	36.47	101.96	-20.76	29.69	1.39	32.13	54.42			
	C06	38.00	23.81	36.47	101.96	-20.76	29.69	1.39	32.13	54.42			(1/1968)---
	D01	38.05	23.87	36.51	102.03	-20.82	29.77	1.40	32.19	54.49			1/1899---
	F01	37.97	23.72	36.46	101.86	-20.72	29.60	1.39	32.09	54.38	8.55	110	8/1970 -
	G01	37.97	23.72	36.46	101.86	-20.72	29.60	1.39	32.09	54.38			
ATHENS (2)	A02	38.00	23.00	36.63	101.19	-20.76	28.98	1.39	32.14	54.37			(10/1967)-
ATTU	C06	52.83	173.11	46.52	231.20	-37.58	157.84	2.08	46.14	63.29			(2/1969)---
AUCKLAND	B01	-37.00	175.00	-41.17	253.20	45.75	194.40	1.83	42.32	-62.88			1/1967 -
	B06	-34.00	173.00	-38.63	250.23	43.60	189.95	1.68	39.49	-60.54			(6/1965)-
	B08	-37.00	175.00	-41.17	253.20	45.75	194.40	1.83	42.32	-62.88			
	B11	-37.00	175.00	-41.17	253.20	45.75	194.40	1.83	42.32	-62.88			(12/1969)-
	D02	-36.51	174.45	-40.80	252.48	45.51	193.41	1.81	41.91	-62.56			
AURANGABAD	B10 P	19.53	75.20	10.06	146.39	-.52	76.16	.96	-1.00	23.73			/1975
AUSTIN	D02	30.18	262.53	40.13	327.94	-48.09	245.11	1.70	39.84	59.58			
AVERROES	D01	37.99	14.02	38.39	92.55	-21.06	21.47	1.40	32.38	53.81			1/1970 -
BADDOW	B01	51.70	.50	54.22	84.90	-44.77	25.02	2.41	49.88	67.00			1/1942 - 1/1946
BAGNEUX	B01	48.80	2.30	51.11	85.22	-39.41	22.35	2.13	46.75	64.64			3/1947 - 12/1949
	B14	48.80	2.30	51.11	85.22	-39.41	22.35	2.13	46.75	64.64			3/1957 -
BAGUIO	A01	16.40	120.60	5.10	189.70	-.01	120.39	.95	-1.00	18.18			(7/1957)---
	A02	16.40	120.60	5.10	189.70	-.01	120.39	.95	-1.00	18.18			(7/1957)---
	B01	16.40	120.60	5.10	189.70	-.01	120.39	.95	-1.00	18.18			3/1952 - 1/1964
	D01	16.42	120.60	5.12	189.69	-.03	120.39	.95	-1.00	18.22			1/1964 -
	D02	16.42	120.60	5.12	189.69	-.03	120.39	.95	-1.00	18.22			
BAIE ST PAUL	B01	47.38	289.45	58.85	358.59	-75.03	283.65	3.83	59.29	75.05			11/1961 - 2/1962
	B08	47.38	289.45	58.85	358.59	-75.03	283.65	3.83	59.29	75.05			2/1963 - 11/1965
	D02	47.38	289.45	58.85	358.59	-75.03	283.65	3.83	59.29	75.05			
	D03	47.38	289.45	58.85	358.59	-75.03	283.65	3.83	59.29	75.05			
BAKER LAKE	B01	64.30	264.00	73.79	316.06	-75.76	186.34	14.48	74.76	86.03			2/1949 - 2/1959
	B07	64.30	264.00	73.79	316.06	-75.76	186.34	14.48	74.76	86.03			1/1957 - 3/1959
	B11	64.30	264.00	73.79	316.06	-75.76	186.34	14.48	74.76	86.03			7/1960 -
	C09	64.30	264.00	73.79	316.06	-75.76	186.34	14.48	74.76	86.03			3/1951 - 2/1959
	D01	64.33	263.97	73.81	315.98	-75.75	186.25	14.52	74.79	86.05			1/1951 -
	D02	64.33	263.97	73.81	315.98	-75.75	186.25	14.52	74.79	86.05			
	E01	64.30	264.00	73.79	316.06	-75.76	186.34	14.48	74.76	86.03			(8/1957)---(5/1959)
	E03	64.30	264.00	73.79	316.06	-75.76	186.34	14.48	74.76	86.03			NK
BAKOU	A06	40.80	48.60	34.72	125.65	-24.30	55.04	1.48	34.70	58.87			(7/1964)---(2/1967)
	C01	40.80	48.60	34.72	125.65	-24.30	55.04	1.48	34.70	58.87			(3/1958)---(2/1967)
BALI	B06 P	-8.50	115.30	-19.93	185.02	25.47	115.56	1.03	9.35	-34.98			7/1974
BANDOENG	B01	-6.90	107.50	-18.36	176.94	24.54	107.86	1.01	5.27	-33.64			5/1943 - 12/1944
BANGKOK	A02	13.70	100.60	2.39	170.35	4.82	100.49	.92	-1.00	10.54			5/1968 -
	B01	13.83	100.58	2.52	170.33	4.69	100.46	.92	-1.00	10.85			8/1963 -
	B06	13.70	100.60	2.39	170.35	4.82	100.49	.92	-1.00	10.54			(7/1966)-
	B14	13.55	100.90	2.23	170.63	4.92	100.79	.92	-1.00	10.24			3/1966 - 2/1968
BANGUI	B01	4.60	18.60	4.89	89.03	15.48	17.98	.98	-1.00	-13.75			2/1958 --- 9/1965
	B07	4.60	18.60	4.89	89.03	15.48	17.98	.98	-1.00	-13.75			1/1958 -
	B14	4.36	18.58	4.66	88.96	15.71	17.93	.98	-1.00	-14.36			5/1958 - (12/1958)
	D01	4.43	18.57	4.73	88.96	15.64	17.93	.98	-1.00	-14.18			1/1952 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
BANGUI	D02	4.43	18.57	4.73	88.96	15.64	17.93	.98	-1.00	-14.18			
BAR I	B08	69.60	219.80	70.29	257.38	-62.09	162.98	9.26	70.81	81.19			1/1967 - (6/1972)
	C08	69.60	219.80	70.29	257.38	-62.09	162.98	9.26	70.81	81.19			1/1967 -
	D02	69.90	219.80	70.54	256.88	-62.22	162.46	9.53	71.09	81.37			
	E01	69.60	219.80	70.29	257.38	-62.09	162.98	9.26	70.81	81.19			(11/1964)---(3/1966)
BARBADOS	B01	13.12	300.40	24.41	10.56	-36.59	308.84	1.29	28.23	40.62			1/1957 - 6/1957
	B05	13.05	300.50	24.34	10.67	-36.44	308.99	1.29	28.16	40.49			
	B10	13.12	300.40	24.41	10.56	-36.59	308.84	1.29	28.23	40.62			6-1964 - 11/1965
	C06	13.12	300.40	24.41	10.56	-36.59	308.84	1.29	28.23	40.62			(1/1960)---
BARCELONA	A02	41.40	2.02	44.06	81.85	-27.56	14.90	1.60	37.66	57.42			(7/1957)-(12/1957)
BARENTSBURG	D01	78.63	16.38	74.50	132.63	-65.60	89.24	15.01	75.04	81.83			(10/1957)-(6/1959)
BARROW	B01	71.30	203.20	68.63	241.52	-59.00	155.61	8.10	69.43	80.15			12/1949 - 11/1955
	B05	71.33	203.22	68.66	241.49	-59.02	155.57	8.12	69.46	80.18			
	B08	71.52	203.67	68.90	241.53	-59.22	155.42	8.32	69.72	80.35			4/1958 - 12/1958
	B12	71.52	203.67	68.90	241.53	-59.22	155.42	8.32	69.72	80.35			4/1964 - 12/1967
	C08	71.52	203.67	68.90	241.53	-59.22	155.42	8.32	69.72	80.35			(4/1958)-(12/1958)
	C09	71.30	203.20	68.63	241.52	-59.00	155.61	8.10	69.43	80.15			12/1949 - 11/1955
	C10	71.30	203.20	68.63	241.52	-59.00	155.61	8.10	69.43	80.15			NK
	D01	71.30	203.25	68.64	241.55	-59.01	155.62	8.10	69.43	80.16			1/1949-
	D02	71.30	203.25	68.64	241.55	-59.01	155.62	8.10	69.43	80.16			7/1957-
	E01	71.60	203.60	68.95	241.36	-59.25	155.28	8.38	69.79	80.40			(10/1957)---(11/1966
	E04	71.60	203.60	68.95	241.36	-59.25	155.28	8.38	69.79	80.40			(1/1957)-(12/1959)
BARTER ISLAND	B05	70.12	216.37	70.06	253.63	-61.41	161.20	9.08	70.62	80.99			
	D01	70.13	216.33	70.07	253.58	-61.41	161.17	9.08	70.62	80.99			7/1957 - 12/1958
BATAVIA	B01	39.40	275.90	50.42	342.16	-63.56	256.06	2.59	51.55	70.20			9/1951 - 10/1952
BATON ROUGE	B01	30.50	268.80	41.04	334.98	-51.23	252.01	1.78	41.38	61.09			7/1943 - 9/1953
BATTLE CREEK	B13	42.30	274.80	53.24	340.42	-65.90	251.66	2.95	54.38	72.48			7/1957 - 12/1958
BAUDOUIN	B01	-70.40	23.30	-67.89	62.90	60.23	328.56	5.19	63.97	-64.17			4/1958 --- 12/1960
	B08	-70.40	23.30	-67.89	62.90	60.23	328.56	5.19	63.97	-64.17			2/1965 ---(12/1968)
	D01	-70.43	24.30	-68.09	63.61	60.48	328.80	5.26	64.15	-64.26			7/1957 --- 12/1966
	D02	-70.43	24.30	-68.09	63.61	60.48	328.80	5.26	64.15	-64.26			
	E01	-70.40	23.30	-67.89	62.90	60.23	328.56	5.19	63.97	-64.17			(5/1958)---(4/1960)
	F04	-70.40	23.30	-67.89	62.90	60.23	328.56	5.19	63.97	-64.17			NK
BEAR ISLAND	B08	74.50	19.20	71.02	124.79	-63.29	79.20	9.44	71.01	79.92			
	B13	74.50	19.20	71.02	124.79	-63.29	79.20	9.44	71.01	79.92			
	D02 P	74.50	19.20	71.02	124.79	-63.29	79.20	9.44	71.01	79.92			/1973
	D01	74.50	19 20	71.02	124.79	-63.29	79.20	9.44	71.01	79.92			1/1951 -
BEARLEY	C06	52.00	358.00	55.00	82.54	-46.07	23.88	2.47	50.48	67.25			1/1967 ---
BEDFORD	B08	42.48	288.72	53.95	357.73	-70.27	283.62	2.99	54.68	71.86			3/1963 - 4/1973
BEIRUT	A01	33.88	35.50	30.24	111.82	-16.10	38.83	1.25	26.76	49.73			(7/1957)---
	A02	33.88	35.50	30.24	111.82	-16.10	38.83	1.25	26.76	49.73			(7/1957)---
BELFAST	F01	54.58	354.07	58.21	80.05	-51.59	25.53	2.85	53.67	69.24	1.99	16	3/1966 -
	F03	54.58	354.07	58.21	80.05	-51.59	25.53	2.85	53.67	69.24			3/1966 -
BELGRANO	B01	-77.90	321.40	-67.29	16.18	51.98	299.80	4.59	62.18	-65.74			7/1958 -
	B08	-77.97	321.20	-67.34	16.02	52.02	299.73	4.61	62.24	-65.79			4/1964 -
	B13	-77.97	321.20	-67.34	16.02	52.02	299.73	4.61	62.24	-65.79			
	E01	-77.97	321.20	-67.34	16.02	52.02	299.73	4.61	62.24	-65.79			(3/1958)---(10/1964)
	E02	-77.97	321.20	-67.34	16.02	52.02	299.73	4.61	62.24	-65.79			(1/1964)---(12/1965)
	F01	-77.97	321.20	-67.34	16.02	52.02	299.73	4.61	62.24	-65.79			1/1971 -
BELOIT	D01	39.48	261.87	49.27	325.43	-57.30	236.59	2.38	49.64	68.43			7/1957 - 1/1959

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
BELSK	B06 P	51.83	20.80	50.34	104.45	-40.40	39.49	2.25	48.20	67.58			9/1974
	D01	51.83	20.80	50.34	104.45	-40.40	39.49	2.25	48.20	67.58			1/1960 -
	F03	51.83	20.78	50.35	104.43	-40.40	39.47	2.25	48.20	67.57			2/1966 -
BENNINGTON	C06	42.80	285.80	54.24	355.31	-70.33	278.12	3.06	55.10	72.38			4/1963 --- 4/1965
BEOGRAD	A02	44.80	20.51	43.68	101.15	-30.16	31.58	1.77	41.28	61.61			7/1957 - 1/1960
	B01	44.80	20.50	43.68	101.14	-30.16	31.57	1.77	41.28	61.61			3/1958 -
BERGEN	F01	60.40	5.32	61.39	95.51	-55.43	42.41	3.63	58.34	72.86	1.15	0	4/1958 -
	F03	60.40	5.32	61.39	95.51	-55.43	42.41	3.63	58.34	72.86			12/1956 -
BERKELEY	F01	37.86	237.70	44.13	298.77	-45.63	215.13	1.87	43.02	61.95	4.43	0	7/1957 - 9/1960
	F03	37.86	237.70	44.13	298.77	-45.63	215.13	1.87	43.02	61.95			7/1957 - 9/1960
BERLIN-ADLERSHOF	A01	52.43	13.53	52.33	97.98	-42.59	34.83	2.36	49.36	67.76			NK
	A03	52.43	13.53	52.33	97.98	-42.59	34.83	2.36	49.36	67.76			(1/1967 ---
	A08	52.43	13.53	52.33	97.98	-42.59	34.83	2.36	49.36	67.76			(7/1957)-
	C03	52.43	13.53	52.33	97.98	-42.59	34.83	2.36	49.36	67.76			(7/1957)-
BERMUDA	B13	32.37	295.33	43.80	5.62	-59.58	302.32	1.97	44.62	62.54			(7/1957)-(2/1963)
BERNE	A08	46.39	6.44	47.99	88.24	-34.44	22.42	1.95	44.26	62.54			(1/1969)-
	C03	46.39	6.44	47.99	88.24	-34.44	22.42	1.95	44.26	62.54			(1/1969 -
BERVERLY HILLS	C06	34.15	241.42	41.14	303.83	-43.61	221.66	1.70	39.89	59.28			4/1962 --- 2/1964
BETTLES	E01	66.90	208.40	65.80	251.46	-57.35	163.71	6.01	65.92	77.71			(10/1957)---(4/1965)
BEVERIDGE	B01	-37.29	144.59	-46.46	220.30	55.33	153.38	2.20	47.59	-68.49			
	B06	-37.29	144.59	-46.46	220.30	55.33	153.38	2.20	47.59	-68.49			
	B08	-37.29	144.59	-46.46	220.30	55.33	153.38	2.20	47.59	-68.49			
	G01	-37.29	144.59	-46.46	220.30	55.33	153.38	2.20	47.59	-68.49			
BIALKOW	G01	51.47	16.67	50.80	100.44	-40.53	35.81	2.24	48.13	67.15			(9/1958)-(11/1959)
BIG BEAR	C01	34.16	243.49	41.49	306.06	-44.40	223.52	1.72	40.30	59.70			
	C02	34.16	243.49	41.49	306.06	-44.40	223.52	1.72	40.30	59.70			
BIG DELTA	D01	64.00	214.27	64.36	259.79	-57.14	169.93	5.27	64.18	76.65			7/1957 - 1/1959
	D02	64.00	214.27	64.36	259.79	-57.14	169.93	5.27	64.18	76.65			7/1957 - 1/1959
BIG PINE	C04	37.50	241.90	44.50	303.41	-46.92	219.15	1.90	43.51	62.51			11/1960 - 10/1961
BILL	B14	43.20	254.80	52.05	316.19	-57.59	225.12	2.66	52.20	70.25			7/1957 - 8/1965
BILLERICA	B01	42.60	288.70	54.07	357.70	-70.38	283.52	3.01	54.30	71.95			11/1965 - 9/1970
BINZA	D01	-4.38	15.26	-3.25	83.97	24.07	12.89	1.06	14.09	-34.49			9/1951---
BIRD	E01	56.50	265.80	66.48	324.64	-73.15	212.43	6.87	67.57	81.80			(7/1957)-(1/1959)
BIRDLINGS FLAT	B09	-44.00	173.00	-48.32	253.61	53.08	198.54	2.43	50.14	-68.89			
	B10	-44.00	173.00	-48.32	253.61	53.08	198.54	2.43	50.14	-68.89			
BJURAKAN	C03	40.35	44.28	34.99	121.63	-23.86	50.55	1.47	34.43	58.22			(6/1958)---(7/1960)
BLAUVELT	C06	41.07	286.03	52.50	354.42	-68.52	276.84	2.82	53.48	71.22			2/1960---(2/1965)
BLOSSOM POINT	B02	38.42	282.90	49.77	350.73	-65.16	270.60	2.52	50.94	69.42			9/1962 - 9/1965
BOCHUM	B06	51.42	7.18	52.63	91.36	-42.44	28.97	2.31	48.88	66.84			(2/1966)-
BOGOTA	B01	4.50	285.80	15.93	355.10	-29.57	283.77	1.14	20.59	29.78			8/1945 - 6/1967
BOLOGNA	A08	44.50	11.30	45.21	92.22	-30.65	24.08	1.76	41.11	60.88			(1/1964)---
	F03	44.50	11.35	45.20	92.27	-30.64	24.11	1.76	41.11	60.88			7/1957 -
BOMBAY	B01	19.00	72.80	9.81	144.04	-.19	73.77	.96	-1.00	22.79			8/1945 -
	F04	19.00	72.80	9.81	144.04	-.19	73.77	.96	-1.00	22.79			NK
BONN	A08	50.74	7.10	52.00	90.93	-41.38	28.03	2.25	48.20	66.30			(1/1967)-(9/1967)
	C03	50.74	7.10	52.00	90.93	-41.38	28.03	2.25	48.20	66.30			(1/1967)-(9/1967)
BORDEAUX	A08	44.85	359.70	47.84	80.84	-33.54	16.38	1.84	42.48	61.01			(11/1968)-
	C03	44.85	359.70	47.84	80.84	-33.54	16.38	1.84	42.48	61.01			(11/1968)-
BORGA	D01 P	-72.97	356.20	-65.93	40.87	54.39	313.82	4.39	61.48	-63.67			/1975
	E01 P	-72.97	356.20	-65.93	40.87	54.39	313.82	4.39	61.48	-63.67			/1975

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
BORGA	E03 P	-72.97	356.20	-65.93	40.87	54.39	313.82	4.39	61.48	-63.67			/1975
BORLANGE	B12	60.29	15.25	59.35	104.55	-52.51	48.10	3.43	57.30	72.89			(1/1973)-
BOROK	D01	58.03	38.97	52.95	123.53	-44.96	60.78	2.83	53.56	72.35			8/1957 -
	D02	58.03	38.97	52.95	123.53	-44.96	60.78	2.83	53.56	72.35			8/1957 -
BORREGO	D02	33.36	243.72	40.74	306.52	-43.72	224.40	1.68	39.50	58.97			
BOSTON	B01	42.60	288.70	54.07	357.70	-70.38	283.52	3.01	54.80	71.95			3/1945 - 7/1951
BOULDER	A01	40.00	254.70	48.89	317.00	-54.58	228.54	2.30	48.80	67.47			9/1951 -
	A02	40.00	254.70	48.89	317.00	-54.58	228.54	2.30	48.80	67.47			(/1965)-
	A04	40.00	254.70	48.89	317.00	-54.58	228.54	2.30	48.80	67.47			10/1967 -
	A06	40.00	254.70	48.89	317.00	-54.58	228.54	2.30	48.80	67.47			10/1967 -
	A08	40.10	254.70	48.99	316.97	-54.68	228.43	2.31	48.91	67.56			(7/1957)-
	A15	40.03	254.70	48.92	316.99	-54.61	228.51	2.31	48.83	67.50			(1/1960)---
	B01	40.00	254.70	48.89	317.00	-54.58	228.54	2.30	48.80	67.47			7/1958 ---
	B02	40.60	254.87	49.51	317.03	-55.22	228.08	2.37	49.48	68.03			10/1964 - 3/1972
	B04	40.60	254.70	49.48	316.83	-55.15	227.91	2.37	49.44	68.00			3/1968 - 2/1970
	B06	40.10	254.70	48.99	316.97	-54.68	228.43	2.31	48.91	67.56			(1/1970)-
	B09	40.60	254.70	49.48	316.83	-55.15	227.91	2.37	49.44	68.00			(4/1960) -
	B12	40.03	254.70	48.92	316.99	-54.61	228.51	2.31	48.83	67.50			10/1957 - 12/1958
	B13	40.03	254.70	48.92	316.99	-54.61	228.51	2.31	48.83	67.50			7/1957 - 12/1959
	B14	40.10	254.90	49.02	317.20	-54.76	228.63	2.32	48.95	67.60			6/1957 - 1/1967
	C01	40.00	254.70	48.89	317.00	-54.58	228.54	2.30	48.80	67.47			10/1967 -
	C03	40.03	254.70	48.92	316.99	-54.61	228.51	2.31	48.83	67.50			(7/1957)-
	C04	40.03	254.70	48.92	316.99	-54.61	228.51	2.31	48.83	67.50			7/1959 -
	C05	40.03	254.70	48.92	316.99	-54.61	228.51	2.31	48.83	67.50			12/1965 ---
	C06	40.03	254.70	48.92	316.99	-54.61	228.51	2.31	48.83	67.50			(7/1957)-
	D01	40.13	254.77	49.03	317.04	-54.74	228.47	2.32	48.95	67.60			1/1961 -
	D02	40.13	254.77	49.03	317.04	-54.74	228.47	2.32	48.95	67.60			5/1964 -
BRACKNELL	B10	51.43	359.23	54.22	83.48	-44.71	23.83	2.40	49.75	66.80			NK
BRASOW	B09	45.60	25.50	43.48	106.12	-30.97	36.56	1.78	41.53	62.63			1/1964 -
BRAZZAVILLE	B02	-4.20	344.73	2.54	54.06	17.91	338.69	1.07	14.44	-25.97			6/1966 -
BRENTWOOD	C06	51.63	.30	54.20	84.66	-44.73	24.80	2.40	49.83	66.95			3/1966 ---
BREST	B14	48.45	355.58	52.10	78.23	-40.93	17.71	2.16	47.16	64.38			3/1957---12/1958
BRETIGNY	B02	48.60	357.52	51.86	80.29	-40.52	19.08	2.16	47.08	64.48			6/1966 -
BRIBIE IS	B01 P	-27.30	153.00	-35.44	227.43	43.51	160.85	1.50	35.32	-57.40			/1975
BRISBANE	B01	-27.50	152.90	-35.65	227.36	43.74	160.79	1.51	35.56	-57.64			6/1943 -
	B06	-27.50	152.90	-35.65	227.36	43.74	160.79	1.51	35.56	-57.64			(10/1964) -
	B07	-27.50	153.00	-35.64	227.47	43.72	160.93	1.51	35.55	-57.63			5/1956 - 12/1958
	B10	-27.50	153.00	-35.64	227.47	43.72	160.93	1.51	35.55	-57.63			7/1957 - 12/1958
	B13	-27.30	153.00	-35.44	227.43	43.51	160.85	1.50	35.32	-57.40			7/1957 - 12/1959
	D02	-27.25	152.50	-35.46	226.88	43.56	160.16	1.50	35.31	-57.42			
	F01	-27.53	152.92	-35.68	227.39	43.77	160.83	1.51	35.59	-57.67	7.10	0	12/1960 -
	G01	-27.50	152.90	-35.65	227.36	43.74	160.79	1.51	35.56	-57.64			
BROOKLYN PK	C06	40.00	287.00	51.45	355.66	-67.65	279.84	2.59	52.41	70.29			6/1972 -
BRUXELLES	B06 P	50.50	4.20	52.35	87.96	-41.74	25.77	2.25	48.24	66.07			/1974
	B08	50.50	4.20	52.35	87.96	-41.74	25.77	2.25	48.24	66.07			
BUCHAREST	A01	44.41	26.10	42.22	106.24	-29.30	36.03	1.72	40.33	61.54			/1955 -
	A02	44.41	26.10	42.22	106.24	-29.30	36.03	1.72	40.33	61.54			/1955 -
	A06	44.41	26.10	42.22	106.24	-29.30	36.03	1.72	40.33	61.54			7/1958 -
	C01	44.41	26.10	42.22	106.24	-29.30	36.03	1.72	40.33	61.54			7/1958 -
BUDAPEST	B01	46.40	21.10	45.10	102.33	-32.43	33.56	1.85	42.70	63.14			1/1956 ---

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
BUDAPEST	F03	47.50	18.90	46.58	100.72	-34.28	32.91	1.93	43.95	64.01			2/1958 ---
BUDKOV	D01	49.07	14.02	49.04	96.79	-37.33	30.86	2.06	45.90	65.14			1/1958 -
	D02	49.07	14.02	49.04	96.79	-37.33	30.86	2.06	45.90	65.14			
BUENOS AIRES	A01	-34.55	301.30	-23.26	9.64	9.14	296.75	1.22	25.22	-33.18			(1/1964)-
	A02	-34.55	301.30	-23.26	9.64	9.14	296.75	1.22	25.22	-33.18			(1/1964)-
	A08	-34.55	301.30	-23.26	9.64	9.14	296.75	1.22	25.22	-33.18			1/1967 -
	B01	-34.50	301.50	-23.21	9.83	9.14	296.87	1.22	25.22	-33.17			2/1950 -
	B07	-34.50	301.50	-23.21	9.83	9.14	296.87	1.22	25.22	-33.17			
	C01	-34.55	301.30	-23.26	9.64	9.14	296.75	1.22	25.22	-33.18			5/1967 -
	C03	-34.55	301.30	-23.26	9.64	9.14	296.75	1.22	25.22	-33.18			1/1967 -
	F01	-34.58	301.52	-23.29	9.84	9.22	296.87	1.22	25.27	-33.26	9.88	0	7/1957 -
	F03	34.58	301.52	45.81	13.01	-58.85	317.38	2.04	45.59	62.60			11/1957 - 12/1961
	F04	-34.58	301.52	-23.29	9.84	9.22	296.87	1.22	25.27	-33.26			NK
BUNIA	B01	1.50	30.20	-.44	99.77	18.04	29.63	.99	-1.00	-20.98			10/1957 - 11/1960
	D01	1.53	30.18	-.41	99.76	18.01	29.61	.99	-1.00	-20.91			1/1959 ---(5/1960)
BURGHEAD	B01	57.70	3.50	59.26	91.65	-52.71	36.44	3.16	55.77	71.23			3/1942 - 1/1947
BURLINGTON	D01	39.28	257.73	48.58	320.67	-55.24	232.33	2.29	48.64	67.45			7/1957 - 1/1959
BYRD STATION	B01	-80.00	240.00	-70.59	336.21	55.65	280.21	7.02	67.82	-73.25			7/1957 - 12/1970
	B02	-80.00	240.50	-70.55	336.44	55.56	280.29	6.98	67.76	-73.19			8/1962 - 1/1971
	B08	-80.02	240.47	-70.57	336.45	55.60	280.32	6.99	67.78	-73.20			12/1962 - 12/1971
	B11	-80.00	240.00	-70.59	336.21	55.65	280.21	7.02	67.82	-73.25			10/1961
	B13	-79.98	239.98	-70.58	336.17	55.63	280.17	7.01	67.81	-73.25			(5/1959)-(12/1961)
	B14	-80.00	240.00	-70.59	336.21	55.65	280.21	7.02	67.82	-73.25			3/1958 - 10/1964
	C08	-80.02	240.47	-70.57	336.45	55.60	280.32	6.99	67.78	-73.20			12/1962-
	C09	-80.00	240.00	-70.59	336.21	55.65	280.21	7.02	67.82	-73.25			7/1957-
	C10	-80.00	240.00	-70.59	336.21	55.65	280.21	7.02	67.82	-73.25			NK
	D01	-80.00	240.50	-70.55	336.44	55.56	280.29	6.98	67.76	-73.19			7/1957 - 10/1971
	D02	-80.00	240.50	-70.55	336.44	55.56	280.29	6.98	67.76	-73.19			1/1958 - 10/1971
	E01	-80.02	240.47	-70.57	336.45	55.60	280.32	6.99	67.78	-73.20			(6/1957)-
	E03	-80.02	240.47	-70.57	336.45	55.60	280.32	6.99	67.78	-73.20			NK
CAIRO	B01	30.00	31.19	27.27	106.77	-11.43	33.50	1.16	21.49	43.64			11/1945 - 9/1946
	F01	30.03	31.15	27.30	106.74	-11.47	33.47	1.16	21.53	43.68			
	F03	30.03	31.15	27.30	106.74	-11.47	33.47	1.16	21.53	43.68			
CALCUTTA	B01	23.00	88.60	12.30	159.40	-3.60	89.16	.98	-1.00	30.39			5/1936 -
	B04	23.00	88.60	12.30	159.40	-3.60	89.16	.98	-1.00	30.39			
	B06	23.00	88.60	12.30	159.40	-3.60	89.16	.98	-1.00	30.39			
	B11	23.00	88.60	12.30	159.40	-3.60	89.16	.98	-1.00	30.39			
CALGARY	D02	51.08	245.90	58.36	302.71	-60.23	206.81	3.66	58.50	74.61			
	F01	51.08	245.90	58.36	302.71	-60.23	206.81	3.66	58.50	74.61	1.05	1128	1/1964 -
CALTECH	A04	34.00	242.00	41.09	304.49	-43.69	222.31	1.70	39.84	59.25			NK
	C02	34.00	242.00	41.09	304.49	-43.69	222.31	1.70	39.84	59.25			
CAMBRIDGE	A08	52.17	.03	54.76	84.69	-45.68	25.39	2.46	50.42	67.37			7/1957 - 12/1958
	A14	52.17	.03	54.76	84.69	-45.68	25.39	2.46	50.42	67.37			
	B06	52.20	.10	54.78	84.78	-45.71	25.48	2.47	50.44	67.39			
	B10	52.20	.10	54.78	84.78	-45.71	25.48	2.47	50.44	67.39			7/1957 - 12/1959
	B13	52.22	.10	54.80	84.79	-45.74	25.51	2.47	50.46	67.41			7/1957 - 10/1957
	C03	52.17	.03	54.76	84.69	-45.68	25.39	2.46	50.42	67.37			7/1957 - 12/1958
	C07	52.17	.03	54.76	84.69	-45.68	25.39	2.46	50.42	67.37			(1/1970)-(12/1970)
CAMBRIDGE BAY	D01	69.10	255.00	76.73	295.46	-73.07	169.21	22.10	77.72	87.20			1/1972 -
	D02	69.10	255.00	76.73	295.46	-73.07	169.21	22.10	77.72	87.20			

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
CAMBRIDGE TUNNEL	F03	-42.85	147.40	-51.55	225.02	60.54	161.63	2.83	53.51	-72.61			9/1957 -
CAMDEN	B12	-34.00	150.40	-42.42	226.05	51.03	160.14	1.88	43.20	-64.70			9/1957 - 12/1958
	D02	-32.75	151.50	-41.03	226.97	49.52	161.08	1.79	41.66	-63.35			
	E01	-34.10	150.70	-42.48	226.40	51.07	160.62	1.89	43.28	-64.75			(9/1957)-(2/1958)
	G01	-34.07	150.63	-42.46	226.32	51.05	160.50	1.89	43.25	-64.74			7/1957 - 5/1958
CAMP TORUGUERO	D02	18.29	293.75	29.74	3.52	-45.31	297.19	1.41	32.57	48.61			
CAMPBELL IS	B01	-52.50	169.20	-57.19	253.66	61.44	205.32	3.94	59.77	-75.39			4/1944 -
	B06 P	-52.50	169.20	-57.19	253.66	61.44	205.32	3.94	59.77	-75.39			/1975
	B08	-52.55	169.15	-57.25	253.64	61.50	205.34	3.96	59.83	-75.43			(3/1968)-
	B11	-52.60	169.20	-57.28	253.72	61.51	205.47	3.97	59.87	-75.45			(2/1970)-
	B13	-52.60	169.20	-57.28	253.72	61.51	205.47	3.97	59.87	-75.45			/1970 ---
	D01	-52.50	169.20	-57.19	253.66	61.44	205.32	3.94	59.77	-75.39			
	D02 P	-52.50	169.20	-57.19	253.66	61.44	205.32	3.94	59.77	-75.39			/1975
	E01	-52.60	169.20	-57.28	253.72	61.51	205.47	3.97	59.87	-75.45			(10/1957)-(10/1958)
	E03 P	-52.50	169.20	-57.19	253.66	61.44	205.32	3.94	59.77	-75.39			/1975
CANARY ISLANDS	A01	28.00	344.70	34.26	60.01	-13.73	354.44	1.19	23.82	40.45			2/1973) - 2/1974
	A04	28.00	344.70	34.26	60.01	-13.73	354.44	1.19	23.82	40.45			(1/1971) - 2/1974
	A06	28.00	344.70	34.26	60.01	-13.73	354.44	1.19	23.82	40.45			5/1967 - 2/1974
	B02	28.00	344.70	34.26	60.01	-13.73	354.44	1.19	23.82	40.45			11/1967 -
	B08	28.00	344.70	34.26	60.01	-13.73	354.44	1.19	23.82	40.45			NK
	C01	28.00	344.70	34.26	60.01	-13.73	354.44	1.19	23.82	40.45			4/1967 - 2/1974
	C03	28.00	344.70	34.26	60.01	-13.73	354.44	1.19	23.82	40.45			4/1967 - 2/1974
	G01	28.30	344.70	34.55	60.08	-14.13	354.62	1.20	24.19	40.94			(1/1970) -
CANBERRA	B01	-35.30	149.00	-43.90	224.80	52.62	158.79	1.99	44.84	-66.11			3/1937 ---
	C06	-35.20	149.10	-43.79	224.89	52.50	158.88	1.98	44.71	-66.00			(3/1964) - (9/1969)
	D01	-35.30	149.00	-43.90	224.80	52.62	158.79	1.99	44.84	-66.11			
CAPE CHELYUSKIN	D01	77.72	104.28	66.28	176.70	-56.19	113.18	9.55	71.12	86.84			1/1935 ---
	D02	77.72	104.28	66.28	176.70	-56.19	113.18	9.55	71.12	86.84			
	E01	77.80	104.30	66.36	176.72	-56.26	113.19	9.62	71.19	86.87			(12/1957)---(3/1964)
CAPE EVANS	B08	-77.63	205.42	-72.48	314.83	60.36	270.17	10.28	71.83	-77.80			
	D01	-77.63	205.42	-72.48	314.83	60.36	270.17	10.28	71.83	-77.80			
	G01	-77.63	205.42	-72.48	314.83	60.36	270.17	10.28	71.83	-77.80			
CAPE HALLETT	B01	-72.30	170.20	-74.61	278.46	68.94	252.69	20.43	77.22	-83.85			1/1957 - 2/1964
	B08	-72.30	170.30	-74.60	278.55	68.88	252.70	20.35	77.19	-83.84			3/1960 - 11/1963
	C08	-72.30	170.30	-74.60	278.55	68.88	252.70	20.35	77.19	-83.84			(3/1960)-(11/1963)
	C09	-72.30	170.20	-74.61	278.46	68.94	252.69	20.43	77.22	-83.85			7/1957 - 2/1964
	D01	-72.32	170.22	-74.63	278.52	68.95	252.75	20.45	77.23	-83.85			7/1957 - 12/1963
	E01	-72.30	170.20	-74.61	278.46	68.94	252.69	20.43	77.22	-83.85			(6/1957)---(10/1958)
	E03	-72.30	170.20	-74.61	278.46	68.94	252.69	20.43	77.22	-83.85			(6/1957)--- 12/1964
	F01	-72.30	170.20	-74.61	278.46	68.94	252.69	20.43	77.22	-83.85	0.00	0	10/1961 - 12/1962
CAPE JONES	B08	54.70	280.20	65.91	345.29	-78.98	241.23	6.39	66.70	80.69			7/1959 - 6/1965
	C08	54.70	280.20	65.91	345.29	-78.98	241.23	6.39	66.70	80.69			7/1959 - 6/1965
CAPE KARIKARI	B05	-34.00	173.50	-38.53	250.74	43.38	190.51	1.67	39.39	-60.43			
CAPE KENNEDY	B01	28.40	279.40	39.63	347.26	-53.63	268.14	1.75	40.84	60.22			3/1958 - 6/1965
	B05	28.45	279.47	39.68	347.34	-53.71	268.23	1.75	40.90	60.28			
CAPE PARRY	B05	70.17	235.28	73.82	270.49	-66.71	164.92	14.20	74.61	84.14			
	E03	70.17	235.28	73.82	270.49	-66.71	164.92	14.20	74.61	84.14			
	G01	70.17	235.28	73.82	270.49	-66.71	164.92	14.20	74.61	84.14			
CAPE RACE	C06	46.67	306.83	57.55	21.04	-68.97	333.76	3.14	55.66	70.19			(2/1969)-
CAPE SCHMIDT	B01	68.90	179.50	62.70	227.11	-52.66	150.07	5.14	63.84	76.87			1/1960 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
CAPE SCHMIDT	E01	69.00	180.50	62.94	227.74	-52.90	150.39	5.22	64.04	76.97			(11/1957)---(4/1964)
	F01	68.92	180.50	62.86	227.81	-52.84	150.47	5.19	63.96	76.90	.56	0	5/1967 - 5/1969
	F02	68.92	180.50	62.86	227.81	-52.84	150.47	5.19	63.96	76.90			11/1958---5/1959
CAPE SHALAUROV	E01	73.20	143.30	62.85	200.05	-52.75	130.75	6.36	66.64	82.06			(2/1958)---(4/1959)
CAPE TOWN	A01	-33.93	18.40	-32.74	80.33	45.44	1.97	1.83	42.37	-65.39			NK
	A06	-33.93	18.40	-32.74	80.33	45.44	1.97	1.83	42.37	-65.39			3/1958 -(12/1965)
	B01	-34.10	18.30	-32.89	80.19	45.50	1.72	1.84	42.47	-65.39			9/1944---5/1971
	C01	-33.93	18.40	-32.74	80.33	45.44	1.97	1.83	42.37	-65.39			3/1958 -
	F03	-33.93	18.47	-32.76	80.40	45.45	2.06	1.83	42.37	-65.39			10/1957 - 11/1958
CAPE WELLEN	A06	66.20	190.10	61.90	237.42	-52.43	157.33	4.60	62.21	75.18			NK
	D01	66.17	190.17	61.89	237.51	-52.42	157.39	4.59	62.19	75.16			1/1933 -
	D02	66.17	190.17	61.89	237.51	-52.42	157.39	4.59	62.19	75.16			
	E01	66.20	190.10	61.90	237.42	-52.43	157.33	4.60	62.21	75.18			(2/1958)---(4/1959)
CAPE YORK	B01	-11.00	142.40	-20.66	213.64	27.37	144.27	1.08	15.52	-36.46			12/1944 - 5/1946
CAPE ZEVGARI	B01	34.60	33.00	31.41	109.66	-16.81	36.66	1.28	27.70	50.59			1/1964 -
CAPE ZHELANIA	E01	77.00	68.60	67.16	157.21	-57.67	98.68	9.48	71.05	83.80			(11/1957)---(3/1958)
CAPRI F	A02	40.55	14.22	40.82	93.60	-24.54	23.22	1.51	35.66	56.84			NK
	A04	40.55	14.22	40.82	93.60	-24.54	23.22	1.51	35.66	56.84			NK
	A06	40.55	14.22	40.82	93.60	-24.54	23.22	1.51	35.66	56.84			(7/1957)--- 5/1955
	C01	40.55	14.22	40.82	93.60	-24.54	23.22	1.51	35.66	56.84			(7/1957)---
	D01	40.55	14.22	40.82	93.60	-24.54	23.22	1.51	35.66	56.84			(7/1957)-
CAPRI S	A06	40.55	14.22	40.82	93.60	-24.54	23.22	1.51	35.66	56.84			(7/1957)-
	C01	40.55	14.22	40.82	93.60	-24.54	23.22	1.51	35.66	56.84			(7/1957)-
CARNARVON	A01	-25.00	114.00	-36.45	183.91	42.98	113.06	1.47	34.41	-59.06			NK
	A06	-25.00	114.00	-36.45	183.91	42.98	113.06	1.47	34.41	-59.06			4/1967 - 2/1970
	B05	-24.50	113.40	-35.96	183.23	42.46	112.46	1.45	33.79	-58.55			
	B08	-25.00	114.00	-36.45	183.91	42.98	113.06	1.47	34.41	-59.06			(8/1966)-
	C01	-25.00	114.00	-36.45	183.91	42.98	113.06	1.47	34.41	-59.06			6/1966 -
	C03	-25.00	114.00	-36.45	183.91	42.98	113.06	1.47	34.41	-59.06			6/1966 -
CARROLLTON	D01	39.37	266.53	49.65	330.94	-59.33	242.21	2.45	50.34	69.14			7/1957 - 1/1959
CARTUJA	A02	37.18	356.40	41.07	74.69	-22.69	8.02	1.42	32.99	52.52			(7/1957)-(12/1957)
CASABLANCA	B01	33.60	352.40	38.35	69.49	-18.72	2.98	1.31	29.10	47.95			10/1951 - 2/1958
CASEY	B01	-66.28	110.53	-77.75	180.00	87.81	28.82	40.17	80.92	-82.13			2/1969 -
	B08	-66.17	110.32	-77.64	179.60	87.73	33.16	39.03	80.79	-82.09			3/1969 -
	C07	-66.17	110.32	-77.64	179.60	87.73	33.16	39.03	80.79	-82.09			
	C09	-66.17	110.32	-77.64	179.60	87.73	33.16	39.03	80.79	-82.09			NK
	D01	-66.17	110.32	-77.64	179.60	87.73	33.16	39.03	80.79	-82.09			
	D02	-66.17	110.32	-77.64	179.60	87.73	33.16	39.03	80.79	-82.09			(1/1968)---
	E01	-66.20	110.35	-77.67	179.66	87.74	31.90	39.30	80.82	-82.09			4/1969 ---
	E04	-66.28	110.53	-77.75	180.00	87.81	28.82	40.17	80.92	-82.13			
	F01	-66.28	110.53	-77.75	180.00	87.81	28.82	40.17	80.92	-82.13	.01	0	4/1969 - 12/1970
CASPER	D01	42.85	253.70	51.56	315.02	-56.78	224.48	2.59	51.61	69.72			7/1957 - 1/1959
CASSINO	B05	-32.20	307.83	-21.19	15.66	9.04	300.73	1.21	24.71	-32.91			
CASTELLACCIO	D01	44.43	8.93	45.61	89.88	-30.90	22.28	1.76	41.11	60.73			1/1933 -
CASTLE ROCK	D01	37.23	237.87	43.55	299.14	-45.12	215.85	1.83	42.41	61.42			4/1970 -
CATANIA	A01	37.50	15.08	37.70	93.42	-20.34	22.05	1.38	31.70	53.26			(1/1957) -
	A02	37.50	15.08	37.70	93.42	-20.34	22.05	1.38	31.70	53.26			(1/1957) -
	A05	37.50	15.08	37.70	93.42	-20.34	22.05	1.38	31.70	53.26			1/1967 -
	A06	37.50	15.08	37.70	93.42	-20.34	22.05	1.38	31.70	53.26			(7/1957)---
	C01	37.50	15.08	37.70	93.42	-20.34	22.05	1.38	31.70	53.26			1/1962 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
CEBU	D01	10.30	123.90	-.87	193.15	10.41	123.90	.93	-1.00	4.85			7/1961 -(1/1963)
	D02	10.30	123.90	-.87	193.15	10.41	123.90	.93	-1.00	4.85			
CEDAR RAPIDS	B12	41.87	269.68	52.42	334.24	-53.20	243.98	2.81	53.38	71.68			1/1951 - 6/1959
CHA-PA	D01	22.35	103.83	10.95	173.69	-4.29	103.60	.98	-1.00	29.85			7/1957 -
CHACALTAYA	F01	-16.31	291.85	-4.84	1.27	-16.32	291.85	1.07	14.76	-6.67	12.64	5220	7/1960 ---
	F03	-16.31	291.85	-4.84	1.27	-16.32	291.85	1.07	14.76	-6.67			3/1957 ---
CHAMBON-LA-FORET	D01	48.02	2.27	50.37	84.82	-38.11	21.39	2.07	46.00	63.96			1/1880 -
	D02	48.02	2.16	50.39	84.71	-38.14	21.32	2.07	46.01	63.96			(7/1957)-(12/1959)
CHAMICAL	B05	-30.33	293.68	-18.87	2.87	4.32	292.58	1.16	21.62	-27.85			
CHARCOT	D01	-69.38	139.02	-78.18	235.10	80.39	241.09	73.92	83.32	-87.62			7/1957 - 12/1958
CHATANIKA	B03	65.10	212.55	65.01	257.08	-57.32	167.79	5.57	64.93	77.11			
CHELTENHAM	D01	38.70	283.20	50.06	351.08	-65.52	271.15	2.55	51.22	69.63			1/1937 - 12/1955
CHETIREKHSTOLB	E01	70.70	162.40	62.17	213.84	-51.94	141.04	5.41	64.53	78.66			(3/1958)---(12/1959)
CHICAGO	F01	41.83	272.30	52.60	337.43	-64.36	247.97	2.85	53.65	71.92	1.80	200	3/1951 - 7/1971
CHICHIJIMA	G01	27.10	142.20	17.20	209.29	-10.66	140.59	1.07	14.89	36.29			NK
CHICLAYO	B01	-6.80	280.20	4.49	349.71	-15.80	279.29	1.05	12.04	8.59			7/1957 - 5/1959
	D01	-6.80	280.20	4.49	349.71	-15.80	279.29	1.05	12.04	8.59			8/1957 - 2/1960
CHILBOLTON	B13	51.14	358.17	54.15	82.24	-44.62	22.79	2.38	49.57	66.58			NK
	D01	51.14	358.17	54.15	82.24	-44.62	22.79	2.38	49.57	66.58			NK
CHIMBOTE	B01	-9.10	281.40	2.23	350.98	-14.24	280.93	1.04	11.90	4.59			7/1957 - 5/1959
	D01	-9.10	281.40	2.23	350.98	-14.24	280.93	1.04	11.90	4.59			10/1957 - 1/1959
CHINA LAKE	B06	35.50	242.20	42.59	304.31	-45.17	221.21	1.78	41.46	60.72			(8/1967)-
	C06	35.50	242.20	42.59	304.31	-45.17	221.21	1.78	41.46	60.72			(8/1958)---(2/1962)
CHITA	B01	52.00	113.50	40.54	182.41	-33.36	115.20	1.99	44.83	70.35			1/1946 ---9/1946
CHOTEAU	E01	47.80	247.80	55.50	306.41	-58.45	212.96	3.12	55.54	72.50			(7/1957)---
CHRISTCHURCH	B01	-43.60	172.80	-47.98	253.24	52.82	197.90	2.40	49.77	-68.64			8/1942 -
	C06	-43.60	172.80	-47.98	253.24	52.82	197.90	2.40	49.77	-68.64			(2/1962)- 5/1958
	D02	-44.99	170.97	-49.66	251.88	54.81	197.33	2.59	51.61	-70.02			1/1902 - 12/1930
	F02	-43.50	172.60	-47.92	252.99	52.82	197.57	2.39	49.71	-68.61			4/1936 ---
	F03	-43.50	172.60	-47.92	252.99	52.82	197.57	2.39	49.71	-68.61			10/1957 - 3/1959
CHRISTMAS IS	B01	1.90	202.70	2.29	271.75	1.96	202.71	.98	-1.00	7.40			12/1944 - 7/1945
CHUNGKING	B01	29.40	106.30	17.96	176.13	-11.58	106.30	1.08	15.89	42.91			8/1945 - 10/1949
CHURCHILL	B01	58.80	265.80	68.73	323.32	-74.53	206.33	8.38	69.79	83.19			7/1943 -
	B05	58.80	265.80	68.73	323.32	-74.53	206.33	8.38	69.79	83.19			
	B07	58.80	265.90	68.74	323.46	-74.58	206.43	8.39	69.80	83.20			(1/1957)-(6/1960)
	B08	58.71	265.94	68.66	323.57	-74.55	206.70	8.32	69.72	83.15			6/1957 -
	B11	58.80	265.80	68.73	323.32	-74.53	206.33	8.38	69.79	83.19			/(1974)
	C08	58.71	265.94	68.66	323.57	-74.55	206.70	8.32	69.72	83.15			6/1957 -
	C09	58.80	265.80	68.73	323.32	-74.53	206.33	8.38	69.79	83.19			8/1943 -
	D01	58.80	265.90	68.74	323.46	-74.58	206.43	8.39	69.80	83.20			7/1957 -
	E01	58.80	265.90	68.74	323.46	-74.58	206.43	8.39	69.80	83.20			(7/1957)-(12/1959)
	E03	58.80	265.90	68.74	323.46	-74.58	206.43	8.39	69.80	83.20			
	E04	58.80	265.90	68.74	323.46	-74.58	206.43	8.39	69.80	83.20			(1/1958)-
	F01	58.75	265.90	68.69	323.49	-74.56	206.56	8.35	69.75	83.17	.21	39	5/1957 - 8/1973
	F03	58.75	265.90	68.69	323.49	-74.56	206.56	8.35	69.75	83.17			5/1957 - 12/1964
	F04	58.75	265.90	68.69	323.49	-74.56	206.56	8.35	69.75	83.17			NK
CLARK LAKE	B06	33.20	243.60	40.56	306.43	-43.52	224.42	1.67	39.31	58.79			(1/1971)-
	C04	33.20	243.60	40.56	306.43	-43.52	224.42	1.67	39.31	58.79			(1/1970)---
CLIMAX	A06	39.37	253.32	48.15	316.16	-53.60	228.32	2.23	47.95	66.73			1/1942 ---
	A07	39.37	253.82	48.15	316.16	-53.60	228.32	2.23	47.95	66.73			1/1941 ---

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
CLIMAX	A07	39.37	253.82	48.15	316.16	-53.60	228.32	2.23	47.95	66.73			1/1958 - 7/1963
	C01	39.37	253.82	48.15	316.16	-53.60	228.32	2.23	47.95	66.73			7/1957 - 1967
	F01	39.37	253.80	48.15	316.14	-53.59	228.30	2.23	47.95	66.72	3.02	3400	9/1951 -
CLONCURRY	B14	-20.70	140.50	-30.50	212.84	37.92	143.06	1.29	28.26	-51.04			8/1957 -
CLYDE	B01	70.50	291.40	81.97	2.08	-86.82	152.13	36.00	80.41	84.66			11/1943 - 10/1958
	C09	70.50	291.40	81.97	2.08	-86.82	152.13	36.00	80.41	84.66			10/1957 - 10/1958
COCOA	B01	28.20	279.40	39.43	347.28	-53.41	268.21	1.74	40.64	60.02			1/1952 - 6/1952
COCOS IS	B01	-12.20	96.80	-23.33	165.37	30.93	96.13	1.10	17.93	-45.03			2/1962 -
COIMBRA	D01	40.22	351.58	44.94	70.72	-28.73	7.22	1.60	37.65	56.38			7/1956 -
COLD BAY	B06	55.20	197.25	52.96	251.08	-45.30	170.68	2.64	52.00	67.41			12/1968 -
COLD LAKE	B08	54.50	249.70	62.28	305.29	-64.41	204.23	4.78	62.79	77.91			12/1963 - 5/1964
COLLEGE	B01	64.90	212.20	64.76	256.98	-57.11	167.87	5.46	64.66	76.91			7/1941 ---
	B02	64.87	212.20	64.74	257.02	-57.09	167.90	5.45	64.63	76.89			9/1952 - 11/1955
	B05	64.80	212.37	64.71	257.24	-57.10	168.07	5.43	64.60	76.87			NK
	B08	64.86	212.15	64.72	256.98	-57.08	167.89	5.44	64.61	76.88			2/1956 -
	B10	64.86	212.15	64.72	256.98	-57.08	167.89	5.44	64.61	76.88			(11/1968)-
	B11	64.86	212.15	64.72	256.98	-57.08	167.89	5.44	64.61	76.88			NK
	B12	64.85	212.17	64.71	257.01	-57.08	167.91	5.44	64.61	76.87			(11/1957)-(3/1958)
	B12	64.85	212.17	64.71	257.01	-57.08	167.91	5.44	64.61	76.87			1/1964-12/1967
	B13	64.85	212.17	64.71	257.01	-57.08	167.91	5.44	64.61	76.87			1/1956 -(6/1960)
	C08	64.86	212.15	64.72	256.98	-57.08	167.89	5.44	64.61	76.88			2/1956 -
	C09	64.90	212.20	64.76	256.98	-57.11	167.87	5.46	64.66	76.91			7/1941 -
	C10	64.90	212.20	64.76	256.98	-57.11	167.87	5.46	64.66	76.91			NK
	D01	64.87	212.17	64.73	256.99	-57.09	167.89	5.45	64.63	76.89			7/1941 -
	D02	64.87	212.17	64.73	256.99	-57.09	167.89	5.45	64.63	76.89			7/1957 -
	E01	64.86	212.15	64.72	256.98	-57.08	167.89	5.44	64.61	76.88			(9/1957) ---
	E03	64.86	212.15	64.72	256.98	-57.08	167.89	5.44	64.61	76.88			NK
	E04	64.86	212.15	64.72	256.98	-57.08	167.89	5.44	64.61	76.88			(9/1957)---
	F01	64.85	212.17	64.71	257.01	-57.08	167.91	5.44	64.61	76.87	.48	91	7/1957 --- 3/1958
	F04	64.85	212.17	64.71	257.01	-57.08	167.91	5.44	64.61	76.87			
	G01	64.86	212.15	64.72	256.98	-57.08	167.89	5.44	64.61	76.88			
COLLEGE STATION	B06	30.60	264.42	40.74	330.00	-49.37	246.87	1.74	40.67	60.39			(10/1964) -
	F03	30.63	263.65	40.69	329.13	-49.06	246.00	1.73	40.55	60.27			3/1968 -
COLLM	B09	51.32	13.00	51.38	96.90	-40.99	32.91	2.26	48.26	66.91			2/1952 -
	B10	51.31	13.00	51.37	96.90	-40.98	32.89	2.26	48.25	66.90			2/1962 -
COLOGNE	B10	50.93	6.92	52.22	90.85	-41.73	28.15	2.27	48.41	66.45			7/1957 - 6/1958
COLOMBO	B01	6.90	79.87	-2.99	149.54	6.82	79.87	.92	-1.00	-6.95			4/1945 - 7/1945
	B07	6.90	79.87	-2.99	149.54	6.82	79.87	.92	-1.00	-6.95			7/1957 --- 12/1970
	F03	6.90	79.87	-2.99	149.54	6.82	79.87	.92	-1.00	-6.95			7/1957 - 12/1958
COLORADO SPRINGS	D01	38.50	255.51	47.52	318.31	-53.50	230.84	2.18	47.37	66.30			1/1973 -
COLUMBUS	C06	39.63	277.00	50.72	343.47	-64.24	257.86	2.62	51.87	70.44			(7/1970)---
CONCEPCION	B01	-36.60	287.00	-25.15	356.87	10.33	288.39	1.23	25.64	-35.72			10/1957 -
COOK	B14	-30.60	130.40	-41.29	202.92	48.95	131.93	1.74	40.77	-63.68			7/1958 - NK
COONAWARRA	B14	-12.40	130.90	-23.11	201.69	29.23	131.59	1.09	16.98	-39.90			3/1956 ---(10/1957)
COPENHAGEN	B06	55.85	12.45	55.76	98.92	-47.71	39.05	2.76	52.98	70.12			NK
	B11	55.85	12.45	55.76	98.92	-47.71	39.05	2.76	52.98	70.12			NK
	D01	55.85	12.45	55.76	98.92	-47.71	39.05	2.76	52.98	70.12			1/1907 -
	D02	55.85	12.45	55.76	98.92	-47.71	39.05	2.76	52.98	70.12			(1/1964)-(12/1965)
CORAL HARBOUR	B08	64.20	276.60	75.09	335.96	-81.46	188.52	16.14	75.59	85.53			7/1959 - 8/1964
	C08	64.20	276.60	75.09	335.96	-81.46	188.52	16.14	75.59	85.53			7-1959 - 8/1964

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
CORDOBA	A14	-31.50	295.50	-20.07	4.51	5.50	293.67	1.17	22.54	-29.22			
	F01	-31.40	295.80	-19.97	4.79	5.43	293.86	1.17	22.51	-29.11	10.72	434	7/1964 -
CORNELL	C06	42.00	283.00	53.35	350.61	-68.68	268.70	2.96	54.43	72.20			NK
CORONA	B06	33.52	2-3.00	40.78	305.70	-43.60	223.61	1.68	39.53	58.98			4/1968 - 12/1968
COUGAR MT	D02	47.63	237.65	53.60	295.09	-53.98	204.93	2.77	53.10	70.09			
CROATAN (USNS)	B05	COORDINATES VARIABLE											
CROZET	D02	46.43	51.87	39.70	130.08	-30.47	61.38	1.75	40.83	64.56			
CUBA	B01	23.00	278.00	34.17	346.03	-47.13	268.03	1.50	35.28	54.19			8/1964 -
	D01	22.97	277.85	34.13	345.87	-47.03	267.83	1.50	35.23	54.14			8/1964 -
CULGOORA	A06	-30.32	149.57	-38.91	224.33	47.33	157.29	1.66	39.12	-61.18			(1/1965)---
	C01	-30.32	149.57	-38.91	224.33	47.33	157.29	1.66	39.12	-61.18			1/1965 -
	C02	-30.32	149.57	-38.91	224.33	47.33	157.29	1.66	39.12	-61.18			
	C03	-30.32	149.57	-38.91	224.33	47.33	157.29	1.66	39.12	-61.18			
	C04	-30.32	149.57	-38.91	224.33	47.33	157.29	1.66	39.12	-61.18			11/1964 ---
CUZCO	D01	-13.53	288.03	-2.07	357.57	-14.58	288.00	1.06	13.62	-2.07			10/1965 - 5/1966
DABROWA GORNIC	A02	50.33	19.22	49.22	102.27	-38.46	36.37	2.13	46.77	66.37			(11/1957)-(12/1959)
DACCA	F01	23.70	90.42	12.88	161.16	-4.38	90.90	.99	-1.00	31.83	16.16	0	1/1964 -
	F03	23.70	90.42	12.88	161.16	-4.38	90.90	.99	-1.00	31.83			6/1966 -
DAIRAN	B01	39.00	121.60	27.71	189.70	-21.46	121.62	1.32	29.49	55.63			12/1944 - 2/1945
DAKAR	B01	14.70	341.60	21.69	54.08	.75	345.14	1.03	9.32	15.86			5/1949 -
	B07	14.70	342.60	21.53	55.10	1.24	345.90	1.03	9.38	15.37			5/1951 -
	F04	14.70	342.60	21.53	55.10	1.24	345.90	1.03	9.38	15.37			NK
DALLAS	D01	32.98	263.25	42.98	328.29	-51.37	243.81	1.87	42.98	62.60			1/1964 - 8/1974
	D02	32.98	263.25	42.98	328.29	-51.37	243.81	1.87	42.98	62.60			1/1964 - 8/1974
	F01	32.98	263.27	42.98	328.32	-51.37	243.83	1.87	42.99	62.60	4.26	208	2/1964 - 12/1973
DANMARKSHAVN	B08	76.77	341.37	79.34	106.33	-71.98	85.90	20.59	77.27	81.55			
	C08	76.77	341.37	79.34	106.33	-71.98	85.90	20.59	77.27	81.55			7/1972 -
DANVILLE	B11	40.00	272.00	50.75	337.37	-62.45	249.18	2.61	51.76	70.39			10/1963 -
DAR ES SALAAM	B06	-6.51	39.18	-10.04	107.06	25.11	37.98	1.07	14.36	-37.57			(7/1966)-
	D01	-6.51	39.18	-10.04	107.06	25.11	37.98	1.07	14.36	-37.57			3/1972 -
DARJEELING	F03	27.03	88.27	16.34	159.41	-7.79	89.18	1.04	10.70	38.28			7/1957 - 11/1959
DARMSTADT	C06	49.51	8.41	50.57	91.59	-39.08	27.33	2.14	46.83	65.33			(7/1968)-
DARWIN	B02	-12.28	130.50	-23.02	201.26	29.10	131.16	1.09	16.77	-39.74			(1/1973)-
	B06 P	-12.28	130.50	-23.02	201.26	29.10	131.16	1.09	16.77	-39.74			/1974
	B14	-12.28	130.50	-23.02	201.26	29.10	131.16	1.09	16.77	-39.74			8/1959 -
DAVAO	D01	7.08	125.58	-4.00	194.97	9.41	125.62	.93	-1.00	-2.28			4/1965 -
DAVIS	B08	-68.60	78.00	-76.82	120.66	76.22	356.35	14.28	74.66	-72.75			10/1969 -
	B13	-68.60	78.00	-76.82	120.66	76.22	356.35	14.28	74.66	-72.75			
	D01	-68.60	78.00	-76.82	120.66	76.22	356.35	14.28	74.66	-72.75			1/1973 -
	D02	-68.60	78.00	-76.82	120.66	76.22	356.35	14.28	74.66	-72.75			3/1970 -
	E01	-68.60	78.00	-76.82	120.66	76.22	356.35	14.28	74.66	-72.75			(7/1957)---
DE BILT	B01	52.10	5.20	53.67	89.79	-44.02	28.58	2.40	49.78	67.33			11/1949 -
	B07	52.10	5.18	53.67	89.77	-44.03	28.57	2.40	49.78	67.33			7/1955 -
	B09	52.10	5.20	53.67	89.79	-44.02	28.58	2.40	49.78	67.33			7/1968 -
	B10	52.10	5.20	53.67	89.79	-44.02	28.58	2.40	49.78	67.33			1/1957 -
DEBRE ZEIT	C06	8.75	38.96	4.99	109.74	7.98	38.98	.95	-1.00	-1.67			(2/1968)---
	G01	8.75	38.97	4.99	109.75	7.98	38.99	.95	-1.00	-1.67			(12/1966)-
DEBRECEN	A01	47.56	21.62	46.11	103.29	-34.09	35.18	1.92	43.79	64.19			NK
	A04	47.56	21.62	46.11	103.29	-34.09	35.18	1.92	43.79	64.19			NK
	A07	47.56	21.62	46.11	103.29	-34.09	35.18	1.92	43.79	64.19			NK

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
DEBRECEN	C01	47.56	21.62	46.11	103.29	-34.09	35.18	1.92	43.79	64.19			NK
DECEPCION	B01	-63.00	299.30	-51.62	6.40	35.41	294.02	2.20	47.59	-55.92			1/1951 - 11/1957
DEEP RIVER	F01	46.10	282.50	57.43	349.64	-72.40	264.12	3.64	58.41	75.16	1.07	145	7/1957 -
	F02	46.10	282.50	57.43	349.64	-72.40	264.12	3.64	58.41	75.16			7/1957 --- 12/1958
	F03	46.10	282.50	57.43	349.64	-72.40	264.12	3.64	58.41	75.16			7/1957 -
DELAWARE	E01	40.30	276.90	51.38	343.27	-64.86	257.17	2.70	52.53	70.98			(7/1957)-(5/1961)
DELHI	A02	28.60	77.10	18.87	149.26	-9.72	79.07	1.07	15.16	41.52			(4/1965)-
	A08	28.60	77.10	18.87	149.26	-9.72	79.07	1.07	15.16	41.52			NK --- 12/1968
	B01	28.60	77.16	18.86	149.31	-9.72	79.13	1.07	15.15	41.52			1/1942 -
	B06	28.63	77.22	18.89	149.37	-9.75	79.19	1.07	15.18	41.57			10/1964 -
	B07	28.63	77.22	18.89	149.37	-9.75	79.19	1.07	15.18	41.57			6/1954 ---
	B08	28.63	77.22	18.89	149.37	-9.75	79.19	1.07	15.18	41.57			(7/1957)-
	B10	28.60	77.10	18.87	149.26	-9.72	79.07	1.07	15.16	41.52			
	B14	28.80	77.30	19.05	149.47	-9.92	79.29	1.08	15.46	41.86			6/1958 -
	C06	28.60	77.10	18.87	149.26	-9.72	79.07	1.07	15.16	41.52			(1/1964)---
DENILIQUIN	G01	-35.32	144.58	-44.51	219.84	53.28	152.39	2.02	45.34	-66.73			
DENVER	F01	39.75	255.00	48.69	317.41	-54.48	229.09	2.29	48.60	67.31	2.84	1600	1/1965 ---
	F03	39.67	255.03	48.61	317.46	-54.41	229.20	2.28	48.52	67.25			1/1967 -
DERWOOD	C06	39.12	282.85	50.47	350.63	-65.83	270.15	2.59	51.62	69.99			3/1958 --- 5/1959
DHAWAR	B10 P	15.28	75.01	5.86	145.71	3.76	75.55	.93	-1.00	14.02			/1974
	G01 P	15.28	75.01	5.86	145.71	3.76	75.55	.93	-1.00	14.02			/1975
DILLINGHAM	D02	21.60	202.00	21.44	266.93	-21.58	193.47	1.15	21.12	39.85			
DIXON	B01	73.50	80.40	62.97	161.71	-53.87	100.17	6.89	67.61	83.70			7/1957 ---
	B07	73.50	80.40	62.97	161.71	-53.87	100.17	6.89	67.61	83.70			7/1957 ---
	B08	73.50	80.40	62.97	161.71	-53.87	100.17	6.89	67.61	83.70			7/1964 -
	D01	73.55	80.57	63.01	161.84	-53.90	100.27	6.92	67.65	83.74			1/1933 -
	D02	73.55	80.57	63.01	161.84	-53.90	100.27	6.92	67.65	83.74			
	E01	73.50	80.40	62.97	161.71	-53.87	100.17	6.89	67.61	83.70			(11/1957)---(3/1959)
DJIBOUTI	B01	11.50	42.80	5.98	113.99	6.92	42.91	.95	-1.00	5.66			10/1951-
DODAIRA	A14 P	36.00	139.20	25.78	205.53	-18.83	137.42	1.24	25.93	49.01			/1976
	G01	36.00	139.20	25.78	205.53	-18.83	137.42	1.24	25.93	49.01			(4/1964)-
DOGOSCHELIE	B09	65.03	43.24	59.80	131.83	-52.05	73.00	4.36	61.39	76.82			
DOMBAS	D01	62.07	9.12	62.17	100.48	-56.12	47.68	3.92	59.66	73.81			1/1916 -
DOMONT	B01	49.00	2.30	51.30	85.32	-39.73	22.58	2.15	46.94	64.81			3/1950 - 4/1951
	B07	49.00	2.30	51.30	85.32	-39.73	22.58	2.15	46.94	64.81			
DOURBES	A01	50.80	4.35	52.61	88.26	-42.18	26.26	2.28	48.53	66.31			(7/1957)-
	A02	50.80	4.35	52.61	88.26	-42.18	26.26	2.28	48.53	66.31			(7/1957)-
	A06	50.80	4.35	52.61	88.26	-42.18	26.26	2.28	48.53	66.31			(7/1957)-
	A08	50.18	5.25	51.84	88.83	-40.90	26.01	2.22	47.81	65.82			(7/1957)-
	B01	50.10	4.60	51.89	88.15	-40.94	25.47	2.22	47.80	65.75			6/1957 -
	B07	50.10	4.60	51.89	88.15	-40.94	25.47	2.22	47.80	65.75			
	B08	50.10	4.60	51.89	88.15	-40.94	25.47	2.22	47.80	65.75			
	B09	50.10	4.60	51.89	88.15	-40.94	25.47	2.22	47.80	65.75			
	C01	50.80	4.35	52.61	88.26	-42.18	26.26	2.28	48.53	66.31			(7/1957)-
	C03	50.18	5.25	51.84	88.83	-40.90	26.01	2.22	47.81	65.82			(7/1957)-
	C06	50.80	4.35	52.61	88.26	-42.18	26.26	2.28	48.53	66.31			(1/1964)---
	D01	50.10	4.60	51.89	88.15	-40.94	25.47	2.22	47.80	65.75			1/1928 -
	D02	50.10	4.60	51.89	88.15	-40.94	25.47	2.22	47.80	65.75			(9/1957)---(11/1965)
	F01	50.10	4.60	51.89	88.15	-40.94	25.47	2.22	47.80	65.75	3.26	225	1/1969 -
	F03	50.10	4.60	51.89	88.15	-40.94	25.47	2.22	47.80	65.75			1/1969 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
DUBLIN	A06	53.00	354.00	56.74	79.01	-49.13	22.96	2.64	52.03	68.09			NK
DUNEDIN	B08	-45.90	170.60	-50.61	251.37	55.72	197.88	2.72	52.64	-70.73			(7/1969)-
	B13	-45.90	170.60	-50.61	251.87	55.72	197.88	2.72	52.64	-70.73			2/1958 ---
	D02	-45.90	170.60	-50.61	251.37	55.72	197.88	2.72	52.64	-70.73			
DUNSINK	A06	53.38	353.67	57.16	78.89	-49.88	23.37	2.69	52.47	68.38			NK
	C01	53.38	353.67	57.16	78.89	-49.88	23.37	2.69	52.47	68.38			(7/1957)--- 9/1964
	C06	53.38	353.67	57.16	78.89	-49.88	23.37	2.69	52.47	68.38			(7/1957)- 7/1965
DURBAN	B08	-29.92	30.93	-31.33	93.63	44.60	19.98	1.71	40.08	-64.15			(6/1970)-
	B12	-29.92	30.93	-31.33	93.63	44.60	19.98	1.71	40.08	-64.15			(9/1957)-(12/1958)
	B13	-29.92	30.93	-31.33	93.63	44.60	19.98	1.71	40.08	-64.15			(9/1957)-(5/1965)
	C06	-29.92	30.93	-31.33	93.63	44.60	19.98	1.71	40.08	-64.15			(2/1965)---
	D02	-29.92	30.93	-31.33	93.63	44.60	19.98	1.71	40.08	-64.15			(1/1969)-
DURHAM	D01	43.10	289.17	54.57	358.29	-70.90	284.71	3.08	55.24	72.23			
	F01	43.10	289.17	54.57	358.29	-70.90	284.71	3.08	55.24	72.23	1.56	0	7/1964 -
DUSHANBE	B01	38.57	68.78	29.67	143.19	-20.75	73.50	1.35	30.50	56.64			(7/1957)-
DWINGELOO	A08	52.50	6.21	53.85	90.99	-44.43	29.88	2.43	50.09	67.65			
	C03	52.50	6.21	53.85	90.99	-44.43	29.88	2.43	50.09	67.65			11/1972 -
	C04	52.50	6.21	53.85	90.99	-44.43	29.88	2.43	50.09	67.65			11/1972 -
EAGLE	E01	64.00	219.00	65.29	264.14	-58.57	172.11	5.68	65.19	77.52			NK
EARLYBURN	D02	55.73	356.77	58.76	83.58	-52.26	29.02	2.97	54.51	69.98			1/1973 -
EAST ANGLIA	D01	52.63	1.30	54.95	86.22	-46.01	26.85	2.50	50.75	67.71			1/1973 -
	D02	52.63	1.30	54.95	86.22	-46.01	26.85	2.50	50.75	67.71			NK
EAST GRAND FORK	B02	48.92	262.98	58.72	324.18	-66.36	226.13	3.91	59.63	76.27			2/1963 - 7/1965
EAST QUODDY,CAN	B05	44.90	296.58	56.29	7.73	-71.92	306.99	3.21	56.05	71.83			
EASTER ISLAND	D01	-27.17	250.58	-18.17	323.04	13.23	257.87	1.14	20.77	-37.16			3/1958 -
EASTERN TEST RAN	B05	28.45	279.47	39.68	347.34	-53.71	268.23	1.75	40.90	60.28			NK
EDINBURGH	A06	55.92	356.82	58.93	83.76	-52.51	29.38	3.00	54.70	70.11			(7/1957)---(8/1958)
	B07	55.92	356.82	58.93	83.76	-52.51	29.38	3.00	54.70	70.11			/1958 -
	B08	55.92	356.82	58.93	83.76	-52.51	29.38	3.00	54.70	70.11			7/1957 - 12/1965
	C01	55.92	356.82	58.93	83.76	-52.51	29.38	3.00	54.70	70.11			(7/1957)- 9/1958
	C06	55.92	356.82	58.93	83.76	-52.51	29.38	3.00	54.70	70.11			(7/1957)--- 8/1958
	D02	55.92	356.82	58.93	83.76	-52.51	29.38	3.00	54.70	70.11			
	E02	55.92	356.82	58.93	83.76	-52.51	29.38	3.00	54.70	70.11			NK
EDMONTON CANADA	B06	47.00	247.00	54.60	305.83	-57.45	213.31	2.97	54.54	71.70			(1/1971)
EFFELSBERG	B06 P	50.51	6.88	51.83	90.60	-41.07	27.58	2.23	47.98	66.11			/1974
EGILSSTADIR	E01	65.10	245.50	71.46	290.47	-68.43	179.08	10.70	72.20	83.61			(1/1966)-
EGLIN AFB	B01	30.38	273.30	41.26	340.13	-53.14	257.94	1.81	42.01	61.65			3/1964 - 1/1969
	B05	30.38	273.30	41.26	340.13	-53.14	257.94	1.81	42.01	61.65			
EIELSON AFB	B01	64.66	213.00	64.70	257.95	-57.17	168.54	5.43	64.59	76.88			(1/1971)-
	D01	64.67	212.92	64.70	257.87	-57.16	168.49	5.43	64.58	76.88			9/1966 -
EIGHTS	B01	-75.23	282.84	-63.82	355.57	47.62	289.09	3.89	59.55	-66.08			12/1961 --- 9/1965
	B08	-75.23	282.84	-63.82	355.57	47.62	289.09	3.89	59.55	-66.08			5/1963 - 10/1965
	D01	-75.23	282.83	-63.82	355.56	47.62	289.08	3.89	59.55	-66.08			6/1963 - 10/1965
	D02	-75.23	282.83	-63.82	355.56	47.62	289.08	3.89	59.55	-66.08			
	D03	-75.23	282.83	-63.82	355.56	47.62	289.08	3.89	59.55	-66.08			
	E01	-75.23	282.83	-63.82	355.56	47.62	289.08	3.89	59.55	-66.08			(3/1963)---(9/1965)
EL ARENOSILLO	B01	37.10	353.27	41.59	71.44	-23.43	5.91	1.43	33.40	52.56			12/1969 -
	B05	37.10	353.27	41.59	71.44	-23.43	5.91	1.43	33.40	52.56			
	B09	37.10	353.27	41.59	71.44	-23.43	5.91	1.43	33.40	52.56			12/1969 -
EL INFIERNILLO	F01	-33.17	289.72	-21.70	359.27	7.00	289.99	1.18	23.26	-31.59	10.74	4343	1/1968 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
EL INFIERNILLO	F03	-33.17	289.72	-21.70	359.27	7.00	289.99	1.18	23.26	-31.59			6/1964 --- 5/1967
EL LEONCITO	E03	-31.80	290.70	-20.33	.15	5.70	290.62	1.17	22.37	-29.88			
ELIZABETHVILLE	B01	-11.60	27.50	-12.75	94.50	30.44	24.56	1.17	22.24	-48.36			4/1952 -(6/1960)
	D01	-11.63	27.42	-12.76	94.41	30.47	24.56	1.17	22.28	-48.42			10/1932 -
ELLSWORTH	B01	-77.72	318.90	-66.98	14.98	51.54	299.11	4.51	61.91	-65.65			7/1957 - 11/1962
	B13	-77.72	318.83	-66.98	14.94	51.53	299.09	4.51	61.91	-65.66			4/1957 -(12/1962)
	C09	-77.70	318.90	-66.96	14.99	51.52	299.11	4.50	61.89	-65.65			7/1957 -
	E01	-77.80	318.80	-67.05	14.88	51.61	299.09	4.53	61.98	-65.71			(3/1957)---(12/1962)
	E02	-77.80	318.80	-67.05	14.88	51.61	299.09	4.53	61.98	-65.71			1/1960 --- 9/1962
	E03	-77.80	318.80	-67.05	14.88	51.61	299.09	4.53	61.98	-65.71			(7/1957)---(12/1967)
	F01	-77.72	318.86	-66.98	14.96	51.53	299.10	4.51	61.91	-65.66	.72	0	3/1957 - 12/1962
ELTANIN SHIP	B14	COORDINATES VARIABLE											4/1962 - 4/1965
EMBUDO	F03	35.20	253.32	43.98	316.63	-49.33	231.76	1.89	43.39	62.76			12/1964 ---
ENKOPING	B09	59.50	17.30	58.22	105.80	-51.06	47.99	3.25	56.33	72.47			/1957 -
	B14	59.50	17.30	58.22	105.80	-51.06	47.99	3.25	56.33	72.47			4/1958 - (12/1958)
	C06	59.50	17.30	58.22	105.80	-51.06	47.99	3.25	56.33	72.47			1/1960 -
	D02	59.58	17.13	58.33	105.70	-51.24	48.14	3.27	56.42	72.52			NK
	E02	59.58	17.13	58.33	105.70	-51.24	48.14	3.27	56.42	72.52			NK
ENNADAI LAKE	E01	61.30	258.80	70.20	311.80	-72.48	194.62	9.62	71.19	83.90			(7/1957)---(9/1958)
ERIE	B01	40.01	254 70	48.90	316.99	-54.59	228.53	2.31	48.81	67.48			6/1959 -
ERROL	B01	44.79	288.87	56.26	357.38	-72.51	283.15	3.35	56.87	73.45			(11/1968 - 4/1974)
ESKDALEMJIR	D01	55.32	356.80	58.37	83.34	-51.66	28.35	2.91	54.08	69.70			1/1908 -
	D02	55.32	356.80	58.37	83.34	-51.66	28.35	2.91	54.08	69.70			(1/1964)---
ESKIMO POINT	D01	61.10	265.93	70.97	321.89	-75.66	199.12	10.47	72.00	84.50			1/1973 -
	E03 P	61.10	265.93	70.97	321.89	-75.66	199.12	10.47	72.00	84.50			/1974
	G01	61.10	265.93	70.97	321.89	-75.66	199.12	10.47	72.00	84.50			
ESPANOLA	D01	35.82	253.93	44.67	317.17	-50.21	231.80	1.94	44.18	63.48			7/1957 - 1/1959
ESRANGE	E01	67.88	21.05	65.12	116.49	-58.26	64.60	5.38	64.45	76.87			NK
ESTACION LOS CERR	F03	-33.30	289.30	-21.83	358.89	7.15	289.72	1.19	23.33	-31.81			1/1967 -
ESTER DOME	E03	64.05	211.91	63.95	257.61	-56.40	169.05	5.11	63.75	76.28			
EUREKA	B01	80.00	274.10	86.62	236.39	-73.53	130.08	1126.23	89.06	87.80			7/1957 - 1/1959
	C09	80.00	274.10	86.62	236.39	-73.53	130.08	1126.23	89.06	87.80			7/1957 - 1/1959
FANNING	B14	3.92	200.62	3.86	269.31	-6.72	198.87	.99	-1.00	11.18			6/1957 - 11/1957
	D01	3.90	200.62	3.84	269.31	-6.71	198.88	.99	-1.00	11.14			8/1957 - 12/1958
FAREWELL	B07	62.50	206.13	61.43	253.94	-53.59	168.37	4.27	61.04	74.23			/1957 -
	B08	62.50	206.13	61.43	253.94	-53.59	168.37	4.27	61.04	74.23			11/1957 - 12/1958
	B13	62.50	206.13	61.43	253.94	-53.59	168.37	4.27	61.04	74.23			(12/1970 -
	E01	62.50	206.10	61.43	253.92	-53.58	168.36	4.26	61.04	74.23			(9/1957)---(12/1958)
	E04	62.50	206.10	61.43	253.92	-53.58	168.36	4.26	61.04	74.23			(9/1957)---(12/1959)
FARGO	E01	46.90	263.20	55.75	325.10	-64.76	229.41	3.48	57.61	74.77			(8/1957)-(6/1965)
FIJI	B01	-18.00	178.20	-22.01	251.60	23.50	186.51	1.13	20.10	-38.80			4/1946 - 4/1948
FLETCHERS ICE	B01	*75	235	78	254	-68	151	30	79	86			6/1957 - 1/1959
	C09	*75	235	78	254	-68	151	30	79	86			6/1957 - 1/1959
	E01	*80	235	80	235	-68	141	55	82	88			(11/1957)---(6/1959)
FLIN FLON	E01	54.70	258.00	63.73	315.40	-68.37	210.52	5.44	64.61	79.61			(7/1957)-(12/1958)
FLORENCE	B06	43.81	11.20	44.56	91.85	-29.62	23.40	1.71	40.14	60.19			(10/1964) -
	B08	43.81	11.20	44.56	91.85	-29.62	23.40	1.71	40.14	60.19			/1961 -
FORESTPORT	C06	43.00	186.00	39.19	245.98	-32.39	170.48	1.62	38.20	56.37			NK
FORT ARCHAMBAULT	B01	9.20	18.35	9.45	89.71	8.47	18.39	.97	-1.00	-2.07			1/1969 - 2/1974
	B10	9.20	18.35	9.45	89.71	8.47	18.39	.97	-1.00	-2.07			

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STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
FORT ARCHAMBAULT	D02	9.20	18.35	9.45	89.71	8.47	18.39	.97	-1.00	-2.07			
FORT CHEPEWYAN	D02	58.70	249.00	66.17	301.51	-66.80	195.63	6.45	66.81	80.59			
FORT CHIMO	B01	58.10	291.60	69.57	1.62	-85.25	280.07	7.89	69.15	80.55			4/1949 --- 12/1958
	C09	58.10	291.60	69.57	1.62	-85.25	280.07	7.89	69.15	80.55			12/1948 --- 12/1958
FORT DAVIS	C04	30.63	256.48	39.88	321.11	-45.98	238.60	1.66	39.10	58.80			8/1956 -
FORT GREELY	B05	64.00	214.88	64.48	260.34	-57.29	170.23	5.32	64.32	76.76			
FORT MCMURRAY	D01	56.70	248.60	64.20	302.54	-65.40	199.40	5.50	64.75	79.20			1/1973 -
FORT MONMOUTH	B01	40.40	285.90	51.83	354.29	-67.84	276.85	2.74	52.84	70.73			3/1955 - 12/1965
	B09	40.40	285.90	51.83	354.29	-67.84	276.85	2.74	52.84	70.73			10/1958 - (12/1965)
	B12	40.25	285.98	51.68	354.40	-67.71	277.11	2.72	52.69	70.60			1/1958 - (1965)
	C06	40.40	285.90	51.83	354.29	-67.84	276.85	2.74	52.84	70.73			9/1958 -(9/1967)
FORT MYERS	B02	26.53	278.13	37.70	345.95	-51.08	266.85	1.65	38.82	58.15			9/1962 -
FORT NORMAN	B01	64.90	234.50	69.17	278.44	-64.35	176.32	8.19	69.55	81.21			7/1957 - 3/1958
	C09	64.90	234.50	69.17	278.44	-64.35	176.32	8.19	69.55	81.21			7/1957 - 3/1958
FORT RELIANCE	D02	62.70	251.00	70.26	300.21	-69.54	186.57	9.52	71.09	83.39			
FORT SHERMAN (CA	B05	9.33	280.02	20.60	348.91	-32.64	275.17	1.18	22.89	36.39			
FORT SMITH	D01	58.00	246.00	64.99	298.47	-65.05	194.92	5.81	65.49	79.51			1/1973 -
	D02	58.00	246.00	64.99	298.47	-65.05	194.92	5.81	65.49	79.51			
FORT WAINWRIGHT	B05	64.82	212.37	64.72	257.22	-57.11	168.05	5.44	64.62	76.89			
FORT YUKON	B08	66.57	214.75	66.73	257.31	-58.92	166.70	6.46	66.83	78.46			2/1958 -
	C08	65.57	214.75	66.73	257.31	-58.92	166.70	6.46	66.83	78.46			2/1958 -
	D01	66.57	214.70	66.72	257.27	-58.91	166.68	6.45	66.82	78.45			7/1957 -
	D02	66.57	214.75	66.73	257.31	-58.92	166.70	6.46	66.83	78.46			
	E01	66.57	214.75	66.73	257.31	-58.92	166.70	6.46	66.83	78.46			(2/1958)---
	E03	66.57	214.75	66.73	257.31	-58.92	166.70	6.46	66.83	78.46			
	E04	66.57	214.75	66.73	257.31	-58.92	166.70	6.46	66.83	78.46			
FORTALEZA	B01	-3.70	321.20	6.17	30.80	-5.14	321.72	1.05	13.16	-1.19			(/1974)
FRANZ JOSEF IS	B05	80.61	58.00	71.29	156.19	-61.27	100.48	14.14	74.58	84.33			
FRASERBURGH	B01	57.60	357.90	60.28	86.05	-54.51	33.09	3.25	56.31	71.21			3/1948 - 9/1951
FREDERICKSBURG	D01	38.20	282.63	49.54	350.42	-64.86	270.10	2.50	50.72	69.26			1/1956 -
	D02	38.20	282.63	49.54	350.42	-64.86	270.10	2.50	50.72	69.26			(7/1957)-
	F02	38.25	282.60	49.59	350.38	-64.90	270.01	2.50	50.77	69.30			10/1956 -
FREETOWN	D01	8.46	346.79	14.68	58.24	7.58	346.98	1.01	4.50	-.72			7/1961 - 2/1967
	D02	8.46	346.79	14.68	58.24	7.58	346.98	1.01	4.50	-.72			
FREIBURG/BREISAC	A02	48.00	7.80	49.26	90.29	-36.77	25.12	2.03	45.42	64.03			(7/1957)-(12/1959)
	A06	48.00	7.80	49.26	90.29	-36.77	25.12	2.03	45.42	64.03			1/1956 -
	B01	48.10	7.60	49.39	90.14	-36.97	25.09	2.04	45.53	64.11			7/1946 -
	B06	48.05	7.59	49.34	90.11	-36.90	25.03	2.03	45.49	64.06			(1/1965) -
	B07	48.05	7.59	49.34	90.11	-36.90	25.03	2.03	45.49	64.06			1/1949 -
	B10	48.05	7.59	49.34	90.11	-36.90	25.03	2.03	45.49	64.06			7/1957 - 12/1961
	B11	48.10	7.60	49.39	90.14	-36.97	25.09	2.04	45.53	64.11			NK
	B13	48.10	7.50	49.41	90.04	-37.00	25.02	2.04	45.54	64.11			1/1965 -
	C06	48.10	7.60	49.39	90.14	-36.97	25.09	2.04	45.53	64.11			NK
FRITZ PEAK	E01	39.90	254.52	48.77	316.82	-54.41	228.46	2.29	48.66	67.35			(6/1957)---
	E03	39.90	254.52	48.77	316.82	-54.41	228.46	2.29	48.66	67.35			(7/1957)-(12/1958)
	G01	39.90	254.52	48.77	316.82	-54.41	228.46	2.29	48.66	67.35			8/1955 ---
FROBISHER BAY	B01	63.80	291.40	75.27	1.51	-88.47	173.27	13.86	74.42	82.87			9/1957 --- 1/1959
	B08	63.80	291.30	75.27	1.34	-89.39	142.94	13.88	74.43	82.89			4/1963 - 6/1965
	B08	63.80	291.30	75.27	1.34	-89.39	142.94	13.88	74.43	82.89			(6/1974 -
	B13	63.75	291.43	75.22	1.56	-89.39	183.90	13.78	74.37	82.84			8/1957 - 10/1959

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STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
FROBISHER BAY	C08	63.80	291.30	75.27	1.34	-89.39	142.94	13.88	74.43	82.89			4/1963 - 6/1965
	C10	63.80	291.40	75.27	1.51	-88.47	173.27	13.86	74.42	82.87			(1/1964)-
	E04	63.80	291.30	75.27	1.34	-89.39	142.94	13.88	74.43	82.89			(11/1971 -
FRONT ROYAL	B14	38.80	281.80	50.11	349.37	-65.20	267.99	2.56	51.29	69.78			11/1957 - 3/1965
FUJIGANE	A14	35.41	138.61	25.14	205.07	-18.28	136.95	1.22	25.22	48.37			
FUKAURA	B01	40.60	139.90	30.41	205.58	-23.08	137.64	1.37	31.27	54.28			4/1947 - 12/1949
FUKUSHIMA	F01	37.75	140.46	27.53	206.44	-20.48	138.35	1.28	28.01	50.92	10.48	66	11/1971 -
FUQUENE	D01	5.47	286.27	16.91	355.57	-30.76	284.29	1.15	21.44	31.36			10/1954 -
FURSTENFELDBRUCK	D01	48.17	11 28	48.73	93.75	-36.38	27.80	2.02	45.26	64.27			1/1841 -
	D02	48.17	11.28	48.73	93.75	-36.38	27.80	2.02	45.26	64.27			
GAINESVILLE	B13	29.60	277.70	40.75	345.24	-54.22	264.88	1.80	41.33	61.32			7/1957 - 1/1959
GARCHY	B01	47.30	3.10	49.52	85.33	-36.69	21.13	2.02	45.24	63.32			10/1959 -
	B10	47.30	3.10	49.52	85.33	-36.69	21.13	2.02	45.24	63.32			1/1965 -
	D02	47.30	3.10	49.52	85.33	-36.69	21.13	2.02	45.24	63.32			
GDANSK	A02	54.35	18.65	53.15	103.78	-44.26	41.17	2.52	50.95	69.29			(10/1957)-(12/1959)
GENOVA	B01	44.60	9.00	45.76	90.02	-31.15	22.48	1.77	41.35	60.90			5/1956 -
	B07	44.55	8.95	45.72	89.95	-31.08	22.40	1.77	41.28	60.85			1/1958 -
	B09	44.55	8.95	45.72	89.95	-31.08	22.40	1.77	41.28	60.85			NK
	B13	44.60	9.00	45.76	90.02	-31.15	22.48	1.77	41.35	60.90			4/1965 -
	D01	44.55	8.95	45.72	89.95	-31.08	22.40	1.77	41.28	60.85			
GESASHI	C06	24.28	153.98	15.75	220.64	-9.11	151.11	1.05	12.90	31.54			
GIBILMANNA	D01	37.98	14.02	38.38	92.55	-21.05	21.46	1.40	32.36	53.80			
GIF SUR YVETTE	F01	48.68	2.13	51.03	85.00	-39.26	22.10	2.12	46.65	64.53	3.70	40	3/1966 -
GIFU	G01	35.58	137.08	25.18	203.69	-18.41	135.62	1.23	25.39	48.84			(7/1957)-
GILA BEND	B14	32.87	247.29	40.81	310.52	-44.60	228.07	1.69	39.68	59.21			11/1967 - 2/1969
GILGIT	D01	35.93	74.30	26.43	147.69	-17.60	77.86	1.25	26.55	53.11			
GILLAM	B05	55.92	264.00	65.70	322.53	-71.99	212.72	6.43	66.77	81.26			
	D01	56.85	265.58	66.80	324.16	-73.31	211.45	7.05	67.88	82.00			1/1973 -
	E03 P	56.85	265.58	66.80	324.16	-73.31	211.45	7.05	67.88	82.00			/1974
GIRARDVILLE	D01	49.00	287.40	60.45	355.84	-76.31	275.53	4.25	60.99	76.43			1/1973 -
GIZA	C03	30.03	31.22	27.29	106.80	-11.47	33.53	1.16	21.53	43.69			(12/1957)-(3/1958)
GLASGOW,MONT	B13	48.12	253.62	55.70	313.09	-61.32	217.67	3.39	57.10	73.98			
GLEN ELLYN	C06	41.00	250.00	49.20	311.35	-53.47	223.01	2.31	48.89	67.36			5/1972 -
GNANGARA	D01	-31.78	115.95	-43.19	186.32	50.29	114.54	1.86	+2.86	-66.14			1/1919 -
GODHAVN	B01	69.30	306.50	79.85	33.49	-82.61	81.93	19.61	76.95	81.96			11/1951 ---
	B08	69.30	306.17	79.88	32.86	-82.68	82.66	19.79	77.01	82.01			12/1965 -
	B09	69.30	306.17	79.88	32.86	-82.68	82.66	19.79	77.01	82.01			NK
	B10	69.30	306.17	79.88	32.86	-82.68	82.66	19.79	77.01	82.01			1/1966 - 12/1969
	B11	69.30	306.17	79.88	32.86	-82.68	82.66	19.79	77.01	82.01			5/1970 -
	B13	69.30	306.50	79.85	33.49	-82.61	81.93	19.61	76.95	81.96			6/1957 - 5/1970
	C08	69.30	306.17	79.88	32.85	-82.68	82.66	19.79	77.01	82.01			(11/1963)-
	C09	69.30	306.50	79.85	33.49	-82.61	81.93	19.61	76.95	81.96			11/1951 ---
	D01	69.23	306.48	79.78	33.33	-82.67	81.72	19.44	76.89	81.94			1/1926 -
	D02	69.23	306.48	79.78	33.33	-82.67	81.72	19.44	76.89	81.94			(1/1964)-(12/1965)
	E01	69.30	306.17	79.88	32.86	-82.68	82.66	19.79	77.01	82.01			(4/1957)---
	F02	69.20	306.00	79.81	32.36	-82.79	82.48	19.63	76.95	82.00			10/1938 - 9/1971
GODTHAB	B08	64.19	308.27	74.74	30.27	-83.14	35.76	10.47	72.00	79.81			
	C08	64.19	308.27	74.74	30.27	-83.14	35.76	10.47	72.00	79.81			9/1970 -
GONZALES VIDELA	D01	-64.82	297.15	-53.40	4.72	37.09	293.21	2.34	49.22	-57.42			(2/1961)-(12/1961)
	E01	-64.80	297.10	-53.38	4.68	37.06	293.19	2.34	49.20	-57.41			(8/1957)---(6/1958)

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
GOONHILLY	D02	50.33	356.77	53.66	80.39	-43.70	20.81	2.31	48.91	65.94			NK
GOOSE BAY	B01	53.32	299.16	64.61	12.07	-79.51	320.07	5.04	63.56	76.42			2/1972 -
	B06	53.33	299.50	64.61	12.54	-79.40	321.31	5.02	63.50	76.34			(1/1973)-
	B08	53.33	299.50	64.61	12.54	-79.40	321.31	5.02	63.50	76.34			11/1971 -
	B11	55.33	299.50	66.60	12.91	-81.32	324.53	5.77	65.39	77.44			(1/1973)-
	F01	53.27	299.60	64.54	12.67	-79.30	321.58	5.00	63.43	76.28	.59	46	11/1964 -
	F03	53.27	299.60	64.54	12.67	-79.30	321.58	5.00	63.43	76.28			11/1964 -
GORKY	A08	56.10	44.30	50.24	127.06	-42.03	62.65	2.57	51.38	71.44			(7/1957)---
	B01	56.15	44.28	50.29	127.06	-42.08	62.68	2.57	51.43	71.47			3/1958 -
	B10	56.15	44.28	50.29	127.06	-42.08	62.68	2.57	51.43	71.47			(7/1957)- 3/1960
	C03	56.10	44.30	50.24	127.06	-42.03	62.65	2.57	51.38	71.44			(7/1957)---
GOTTINGEN	D01	51.53	9.97	52.18	94.11	-41.95	31.03	2.30	48.74	66.98			(7/1957)-(12/1958)
	D02	51.53	9.97	52.18	94.11	-41.95	31.03	2.30	48.74	66.98			
	F01	51.52	9.93	52.18	94.07	-41.94	30.39	2.30	48.73	66.98	2.97	273	7/1957 - 2/1959
GRAFTON	C03	42.78	282.55	54.11	349.99	-69.30	267.05	3.07	55.19	72.81			7/1957 -(12/1961)
	C06	42.78	282.55	54.11	349.99	-69.30	267.05	3.07	55.19	72.81			7/1957 -(12/1961)
GRAHAMSTOWN	B01	-33.30	26.50	-33.73	88.35	46.31	12.30	1.84	42.47	-64.98			3/1958 ---
	C03	-33.30	26.50	-33.73	88.35	46.31	12.30	1.84	42.47	-64.98			(5/1958)-(11/1958)
	C06	-33.30	26.53	-33.74	88.38	46.32	12.34	1.84	42.47	-64.98			6/1972 ---
	D01	-33.28	26.48	-33.71	88.33	46.30	12.30	1.84	42.45	-64.98			
GRAND BAHAMA	B01	26.60	281.80	37.92	350.09	-52.60	272.85	1.67	39.34	58.47			6/1957 - 6/1971
GRAZ	B01	47.10	15.50	46.87	97.33	-34.07	29.78	1.92	43.86	63.50			8/1947 -
	B06	47.10	15.50	46.87	97.33	-34.07	29.78	1.92	43.86	63.50			10/1964 -
	B11	47.10	15.50	46.87	97.33	-34.07	29.78	1.92	43.86	63.50			
GREAT WHALE	B08	55.28	282.17	66.58	347.98	-80.22	245.61	6.67	67.22	80.79			3/1963 -
	B13	55.28	282.17	66.58	347.98	-80.22	245.61	6.67	67.22	80.79			6/1962 - 12/1962
	C08	55.28	282.17	66.58	347.98	-80.22	245.61	6.67	67.22	80.79			3/1963 -
	C10	55.28	282.17	66.58	347.98	-80.22	245.61	6.67	67.22	80.79			NK
	D01	55.27	282.22	66.57	348.05	-80.23	245.80	6.66	67.21	80.78			1/1965 ---
	D02	55.27	282.22	66.57	348.05	-80.23	245.80	6.66	67.21	80.78			1/1965 ---
	E01	55.27	282.22	66.57	348.05	-80.23	245.80	6.66	67.21	80.78			(7/1957)-
	E04	55.27	282.22	66.57	348.05	-80.23	245.80	6.66	67.21	80.78			(1/1968)-
GREENBELT	C06	39.03	283.17	50.39	351.02	-65.84	270.92	2.59	51.54	69.90			(4/1966)-
GROCKA	D01	44.63	20.77	43.46	101.34	-29.90	31.65	1.76	41.11	61.46			1/1958 -
	D02	44.63	20.77	43.46	101.34	-29.90	31.65	1.76	41.11	61.46			
GUAM	B01	13.50	144.87	3.96	213.36	2.07	144.21	.96	-1.00	11.87			12/1944 - 5/1955
	B05	13.50	144.87	3.96	213.36	2.07	144.21	.96	-1.00	11.87			
	D01	13.58	144.87	4.04	213.35	2.00	144.20	.96	-1.00	12.03			7/1957 -
	D02	13.58	144.87	4.04	213.35	2.00	144.20	.96	-1.00	12.03			7/1957 -
GULMARG	B06 P	34.07	74.40	24.58	147.52	-15.63	77.54	1.20	23.97	50.45			/1975
	D02 P	34.07	74.42	24.58	147.53	-15.63	77.56	1.20	23.97	50.45			/1975
	F01	34.07	74.42	24.58	147.53	-15.63	77.56	1.20	23.97	50.45	11.31	2743	2/1968 -
	F03	34.07	74.42	24.58	147.53	-15.63	77.56	1.20	23.97	50.45			1/1958 - 3/1958
	G01	34.07	74.42	24.58	147.53	-15.63	77.56	1.20	23.97	50.45			
GYULA	A01	45.65	21.25	45.31	102.57	-32.79	33.92	1.87	42.92	63.37			NK
HACHIJO	D01	33.13	139.80	22.97	206.41	-16.19	138.11	1.17	22.52	45.23			6/1967 -
HADDAM	C06	41.47	287.50	52.92	356.23	-69.15	280.62	2.87	53.79	71.32			(12/1965)---
HAFELEKAR	F01	47.32	11.38	47.89	93.47	-35.02	26.91	1.96	44.44	63.53	4.36	2290	7/1953 -
	F02	47.32	11.38	47.89	93.47	-35.02	26.91	1.96	44.44	63.53			1/1932 ---
	F03	47.32	11 38	47.89	93.47	-35.02	26.91	1.96	44.44	63.53			12/1957 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
HAIFA	B01	32.82	34.98	29.31	111.06	-14.85	37.96	1.22	25.34	48.18			1/1960 -
	B06	32.82	34.98	29.31	111.06	-14.85	37.96	1.22	25.34	48.18			1/1964 -
	B08	32.82	34.98	29.31	111.06	-14.85	37.96	1.22	25.34	48.18			1/1963 - 10/1965
	B11	32.87	35.09	29.33	111.17	-14.91	38.08	1.23	25.41	48.26			8/1967 -
	F03	32.82	34.98	29.31	111.06	-14.85	37.96	1.22	25.34	48.18			(3/1958)-(2/1959)
HAINAN	B01	18.30	109.30	6.83	178.82	-.99	109.01	.95	-1.00	21.90			6/1942 - 7/1943
HALEAKALA	A06	20.75	203.70	20.95	268.79	-21.34	195.51	1.14	20.53	39.03			4/1964 - 9/1969
	A07	20.75	203.70	20.95	268.79	-21.34	195.51	1.14	20.53	39.03			2/1964---11/1965
	C01	20.75	203.70	20.95	268.79	-21.34	195.51	1.14	20.53	39.03			4/1964 -
	C03	20.75	203.70	20.95	268.79	-21.34	195.51	1.14	20.53	39.03			6/1964---6/1965
	F01	20.72	203.73	20.92	268.82	-21.33	195.55	1.14	20.51	38.99	12.99	3052	6/1963 - 4/1967
	G01	20.75	203.70	20.95	268.79	-21.34	195.51	1.14	20.53	39.03			1/1961 - 1/1969
HALIFAX	B13	44.62	296.50	56.01	7.61	-71.66	306.70	3.16	55.79	71.66			(7/1957)-(12/1958)
HALLE	F01	51.48	11.97	51.74	96.00	-41.44	32.37	2.28	48.51	67.00	3.12	100	8/1960 - 3/1971
	F02	51.48	11.97	51.74	96.00	-41.44	32.37	2.28	48.51	67.00			4/1956 -
HALLEY BAY	B01	-75.50	333.40	-65.83	24.58	51.53	304.23	4.22	60.88	-64.29			6/1957 -
	B07	-75.52	333.30	-65.84	24.51	51.53	304.19	4.23	60.89	-64.30			4/1957 ---
	B08	-75.50	333.40	-65.83	24.58	51.53	304.23	4.22	60.88	-64.29			(3/1972)-
	B10	-75.52	333.30	-65.84	24.51	51.53	304.19	4.23	60.89	-64.30			7/1957 --- 12/1955
	B13	-75.50	333.40	-65.83	24.58	51.53	304.23	4.22	60.88	-64.29			(6/1971 -
	C08	-75.50	333.40	-65.83	24.58	51.53	304.23	4.22	60.88	-64.29			NK
	C09	-75.50	333.40	-65.83	24.58	51.53	304.23	4.22	60.88	-64.29			6/1957 -
	D01	-75.50	333.40	-65.83	24.58	51.53	304.23	4.22	60.88	-64.29			7/1957 -
	D02	-75.50	333.40	-65.83	24.58	51.53	304.23	4.22	60.88	-64.29			NK
	E01	-75.50	333.40	-65.83	24.58	51.53	304.23	4.22	60.88	-64.29			(7/1957)---
HAMBURGER HALLIG	B13	54.60	8.83	55.31	94.74	-46.87	34.70	2.64	52.01	69.21			
HAMILTON	B06	42.25	289.00	53.72	358.09	-70.07	284.51	2.96	54.44	71.65			(10/1964)-
	B11	42.25	289.00	53.72	358.09	-70.07	284.51	2.96	54.44	71.65			
	C03	42.25	289.00	53.72	358.09	-70.07	284.51	2.96	54.44	71.65			
HAMMAGUIR	B05	30.85	356.93	34.81	73.38	-13.91	4.55	1.21	24.79	43.55			
HANKOW	B01	30.70	114.30	19.25	183.43	-13.46	114.22	1.11	18.38	44.88			1/1943 - 1/1945
HANOVER	B01	43.70	287.80	55.16	355.55	-71.35	280.46	3.18	55.91	72.87			11/1968 - 4/1974
	B13	43.70	287.70	55.16	356.42	-71.33	280.17	3.18	55.91	72.89			7/1957 - 10/1958
	E01	43.70	287.80	55.16	356.55	-71.35	280.46	3.18	55.91	72.87			(1/1958)-(5/1955)
HARESTUA	A08	60.00	10.00	60.10	99.55	-53.58	44.37	3.46	57.46	72.65			(7/1957)---
	C03	60.00	10.00	60.10	99.55	-53.58	44.37	3.46	57.46	72.65			(7/1957)---
HARTLAND	D01	50.98	355.52	54.52	79.44	-45.27	20.95	2.39	49.73	66.49			7/1841 -
	D02	50.98	355.52	54.52	79.44	-45.27	20.95	2.39	49.73	66.49			NK
HAUTE PROVENCE	A06	43.93	5.72	45.77	86.51	-30.69	19.55	1.74	40.61	60.14			(1/1962)---
	C01	43.93	5.72	45.77	86.51	-30.69	19.55	1.74	40.61	60.14			(1/1962)---
	G01	43.93	5.72	45.77	86.51	-30.69	19.55	1.74	40.61	60.14			7/1957 -
HEALY	D01	63.85	211.03	63.60	257.03	-55.99	168.94	4.98	63.37	75.99			7/1957 - 12/1958
	E01	64.00	211.00	63.73	256.85	-56.09	168.74	5.03	63.52	76.09			(3/1958)---(3/1959)
HEISS IS	B01	80.60	58.00	71.28	156.18	-61.27	100.47	14.12	74.57	84.33			8/1943---
	B05	80.62	58.05	71.29	156.23	-61.28	100.49	14.15	74.58	84.34			
	B08	80.70	56.20	71.51	155.54	-61.51	100.05	14.39	74.71	84.26			1/1964 -
	C08	80.62	58.05	71.29	156.23	-61.28	100.49	14.15	74.58	84.34			(1/1964)-(12/1965)
	C09	80.60	58.00	71.28	156.18	-61.27	100.47	14.12	74.57	84.33			7/1957 -
	D01	80.62	58.05	71.29	156.23	-61.28	100.49	14.15	74.58	84.34			7/1958 -
	D02	80.62	58.05	71.29	156.23	-61.28	100.49	14.15	74.58	84.34			

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
HEISS IS	E01	80.70	58.00	71.37	156.33	-61.34	100.48	14.28	74.65	84.37			(12/1957)---(3/1964)
	F01	80.62	58.05	71.29	156.23	-61.28	100.49	14.15	74.58	84.34	.08	20	1/1958 ---
	F03	80.62	58.05	71.29	156.23	-61.28	100.49	14.15	74.58	84.34			3/1958 ---
HEL	D01	54.60	18.82	53.35	104.08	-44.60	41.69	2.55	51.19	69.46			1/1934 ---
HELWAN	D01	29.87	31.33	27.11	106.87	-11.30	33.60	1.15	21.31	43.44			1/1903 - 3/1960
HERCHMER	D01	57.40	265.90	67.37	324.29	-73.83	210.76	7.41	68.45	82.36			1/1973 -
	G01	57.40	265.90	67.37	324.29	-73.83	210.76	7.41	68.45	82.36			
HERMANUS	B01	-34.42	19.23	-33.38	80.99	45.84	2.62	1.86	42.77	-65.39			5/1971 -
	B08	-34.43	19.23	-33.39	80.99	45.85	2.62	1.86	42.77	-65.39			12/1962 -
	B13	-34.43	19.23	-33.39	80.99	45.85	2.62	1.86	42.77	-65.39			(1/1973)-
	C08	-34.42	19.23	-33.38	80.99	45.84	2.62	1.86	42.77	-65.39			1/1963 -
	D01	-34.42	19.23	-33.38	80.99	45.84	2.62	1.86	42.77	-65.39			1/1933 -
	D02	-34.42	19.23	-33.38	80.99	45.84	2.62	1.86	42.77	-65.39			(7/1957)-
	F01	-34.42	19.22	-33.38	80.98	45.84	2.61	1.86	42.77	-65.39	4.68	26	6/1957 -
	F03	-34.42	19.22	-33.38	80.98	45.84	2.61	1.86	42.77	-65.39			6/1957 - 5/1962
HERSTMONCEUX	A02	50.90	.33	53.50	84.30	-43.53	23.82	2.33	49.07	66.37			(7/1957)-
	A06	50.90	.33	53.50	84.30	-43.53	23.82	2.33	49.07	66.37			(7/1957)---
	C01	50.90	.33	53.50	84.30	-43.53	23.82	2.33	49.07	66.37			(7/1957)-
	C06	50.90	.33	53.50	84.30	-43.53	23.82	2.33	49.07	66.37			(1/1964)-(9/1964)
	F01	50.87	.33	53.47	84.29	-43.48	23.78	2.33	49.04	66.35	2.94	23	6/1957 -
	F03	50.87	.33	53.47	84.29	-43.48	23.78	2.33	49.04	66.35			4/1957 - 12/1959
HIGHGATE SPGS	B01	45.01	286.91	56.45	355.37	-72.46	277.18	3.41	57.21	73.91			(11/1968 - 4/1974)
HIRAISO	A08	36.37	140.63	26.27	206.76	-19.21	138.60	1.25	26.40	49.23			(7/1957)-
	B01	36.40	140.60	26.30	206.73	-19.24	138.57	1.25	26.44	49.27			7/1935 - 8/1945
	B08	36.37	140.63	26.27	206.76	-19.21	138.60	1.25	26.40	49.23			
	B09	36.37	140.63	26.27	206.76	-19.21	138.60	1.25	26.40	49.23			
	C03	36.37	140.63	26.27	206.76	-19.21	138.60	1.25	26.40	49.23			(7/1957)-
	C06	36.37	140.63	26.27	206.76	-19.21	138.60	1.25	26.40	49.23			(7/1957)-
HIRATSUKA	B01	35.30	13.93	35.80	91.63	-17.57	20.00	1.30	28.91	50.33			1/1941 - 5/1945
HOBART	B01	-42.90	147.30	-51.61	224.92	60.61	161.52	2.84	53.58	-72.66			12/1945 ---
	B13	-42.50	147.20	-51.23	224.69	60.23	161.01	2.78	53.15	-72.37			7/1957 - 12/1958
	C06	-42.83	147.55	-51.51	225.19	60.49	161.85	2.82	53.46	-72.57			1/1961 ---
	D02	-42.87	147.33	-51.58	224.95	60.57	161.54	2.83	53.54	-72.63			
	E01	-43.00	147.40	-51.70	225.07	60.69	161.77	2.85	53.67	-72.72			(8/1957)---(12/1958)
	E04	-43.00	147.40	-51.70	225.07	60.69	161.77	2.85	53.67	-72.72			NK
	F01	-42.90	147.33	-51.61	224.96	60.60	161.57	2.84	53.57	-72.66	1.83	0	3/1957 -
	F02	-42.90	147.33	-51.61	224.96	60.60	161.57	2.84	53.57	-72.66			7/1955 - 11/1959
	F03	-42.90	147.33	-51.61	224.96	60.60	161.57	2.84	53.57	-72.66			9/1953 -
	G01	-42.90	147.20	-51.63	224.81	60.63	161.36	2.84	53.59	-72.68			
HOKKAIDO	C06	44.00	143.00	34.06	207.79	-26.29	139.73	1.49	35.09	57.36			(2/1969)-
HOLLANDIA	B01	-2.50	140.80	-12.38	211.04	18.58	141.75	.98	-1.00	-21.39			12/1957 - 2/1959
	B14	-2.50	140.80	-12.38	211.04	18.58	141.75	.98	-1.00	-21.39			(3/1958) - (12/1958)
	C03	-2.50	140.50	-12.41	210.73	18.60	141.43	.98	-1.00	-21.43			1/1957 - 12/1962
	C06	-2.50	140.50	-12.41	210.73	18.60	141.43	.98	-1.00	-21.43			10/1957 - 3/1963
	D01	-2.57	140.52	-12.48	210.76	18.67	141.46	.98	-1.00	-21.56			7/1957 - 8/1962
HOMER	B12	59.73	208.49	59.35	258.30	-52.22	172.63	3.71	58.71	72.62			(1/1973)-
	E04	59.73	208.49	59.35	258.30	-52.22	172.63	3.71	58.71	72.62			
HONG KONG	B01	22.33	114.20	10.88	183.46	-5.42	113.90	.99	-1.00	30.27			1/1959 ---
	B06	22.33	114.20	10.88	183.46	-5.42	113.90	.99	-1.00	30.27			(1/1963)---
	B10	22.33	114.20	10.88	183.46	-5.42	113.90	.99	-1.00	30.27			NK

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
HONG KONG	C06	22.33	114.20	10.88	183.46	-5.42	113.90	.99	-1.00	30.27			(3/1960)---(5/1970)
	D01	22.20	114.20	10.75	183.46	-5.30	113.90	.99	-1.00	30.02			11/1971 -
	F02	22.33	114.20	10.88	183.46	-5.42	113.90	.99	-1.00	30.27			8/1970 -
HONOLULU	A06	21.30	201.93	21.13	266.93	-21.34	193.54	1.14	20.82	39.47			NK
	B06	21.30	202.30	21.21	267.29	-21.43	193.90	1.15	20.87	39.52			9/1964 -
	C01	21.30	201.90	21.13	266.90	-21.33	193.51	1.14	20.81	39.47			7/1957 - 9/1963
	C03	21.30	201.90	21.13	266.90	-21.33	193.51	1.14	20.81	39.47			7/1957 - 8/1959
	C06	21.30	201.93	21.13	266.93	-21.34	193.54	1.14	20.82	39.47			11/1958 ---
	D01	21.32	202.00	21.17	266.99	-21.37	193.60	1.15	20.85	39.51			1/1902 -
	D02	21.32	202.00	21.17	266.99	-21.37	193.60	1.15	20.85	39.51			7/1957 -
	F01	21.30	202.30	21.21	267.29	-21.43	193.90	1.15	20.87	39.52	12.92	91	7/1957 - 6/1963
	F03	21.30	202.35	21.22	267.34	-21.44	193.95	1.15	20.88	39.53			7/1957 - 12/1958
HORBY	B09	55.90	13.50	55.61	99.93	-47.51	39.83	2.75	52.94	70.18			1/1964 -
HOROUQUE	D02	43.92	359.25	47.04	80.01	-32.19	15.21	1.77	41.26	60.09			
HOUGATON	B11	47.00	271.00	57.63	334.80	-68.49	239.33	3.71	58.75	75.78			(10/1961)-
HOUSTON	A06	30.00	265.00	40.20	330.75	-48.98	247.93	1.71	40.14	59.87			1/1967 -
	C01	30.00	265.00	40.20	330.75	-48.98	247.93	1.71	40.14	59.87			3/1966 -
	C03	30.00	265.00	40.20	330.75	-48.98	247.93	1.71	40.14	59.87			3/1966 - 6/1971
HOWRAH	F02	22.66	88.32	11.98	159.11	-3.24	88.87	.98	-1.00	29.69			7/1957 - 12/1958
HUANCAYO	A06	-12.05	284.67	-.64	354.27	-13.79	284.56	1.05	12.68	-.05			(7/1957)-(11/1970)
	A08	-12.05	284.67	-.64	354.27	-13.79	284.56	1.05	12.68	-.05			5/1969 -
	B01	-12.00	284.70	-.59	354.30	-13.77	284.59	1.05	12.69	.05			11/1937 ---
	B08	-12.01	284.67	-.60	354.27	-13.77	284.56	1.05	12.68	.03			6/1961 -
	B09	-12.01	284.67	-.60	354.27	-13.77	284.56	1.05	12.68	.03			7/1957 -
	B12	-12.05	284.67	-.64	354.27	-13.79	284.56	1.05	12.68	-.05			8/1957 - 12/1958
	B12	-12.05	284.67	-.64	354.27	-13.79	284.56	1.05	12.68	-.05			12/1957 - 11/1958
	C01	-12.05	284.67	-.64	354.27	-13.79	284.56	1.05	12.68	-.05			(7/1957)-
	C03	-12.05	284.67	-.64	354.27	-13.79	284.56	1.05	12.68	-.05			5/1969 -
	C06	-12.05	284.67	-.64	354.27	-13.79	284.56	1.05	12.68	-.05			(7/1957)-
	D01	-12.05	284.67	-.64	354.27	-13.79	284.56	1.05	12.68	-.05			1/1922 -
	D02	-12.05	284.67	-.64	354.27	-13.79	284.56	1.05	12.68	-.05			
	F01	-12.03	248.67	-3.40	319.17	1.44	250.82	1.02	7.11	-13.64	13.04	3400	1/1952 -
	F02	-12.03	248.67	-3.40	319.17	1.44	250.82	1.02	7.11	-13.64			6/1936 -
	G01	-12.00	284.70	-.59	354.30	-13.77	284.59	1.05	12.69	.05			5/1958 - 12/1959
HUNTSVILLE	B01	34.44	273.65	45.33	340.08	-57.58	255.98	2.09	46.25	65.65			
	E03	34.44	273.65	45.33	340.08	-57.58	255.98	2.09	46.25	65.65			
	G01	34.44	273.65	45.33	340.08	-57.58	255.98	2.09	46.25	65.65			
HURBANOVO	C01	47.87	18.18	47.08	100.20	-34.91	32.72	1.96	44.37	64.29			(4/1969)---
	C06	47.87	18.18	47.08	100.20	-34.91	32.72	1.96	44.37	64.29			6/1969 --- 6/1970
	D01	47.87	18.18	47.08	100.20	-34.91	32.72	1.96	44.37	64.29			7/1890 -
HYDERABAD	A06	17.43	78.45	7.63	149.25	1.87	79.10	.94	-1.00	18.70			NK
	B01	17.35	78.47	7.55	149.26	1.95	79.11	.94	-1.00	18.51			5/1963 -
	C01	17.43	78.45	7.63	149.25	1.87	79.10	.94	-1.00	18.70			(7/1957)---(5/1965)
	C03	17.43	78.45	7.63	149.25	1.87	79.10	.94	-1.00	18.70			(1/1958)---(1/1960)
	D01	17.42	78.55	7.61	149.35	1.89	79.20	.94	-1.00	18.67			1/1965 -
IBADAN	B01	7.40	3.90	10.53	75.12	7.40	3.90	.99	-1.00	-6.54			12/1951 -
	B07	7.43	3.90	10.55	75.12	7.43	3.90	.99	-1.00	-6.47			2/1952 - 12/1958
	B10	7.43	3.88	10.56	75.10	7.43	3.38	.99	-1.00	-6.47			8/1957 - 12/1958
	B14	7.43	3.90	10.55	75.12	7.43	3.90	.99	-1.00	-6.47			3/1958 - 5/1962
	D01	7.43	3.90	10.55	75.12	7.43	3.90	.99	-1.00	-6.47			1/1956 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
IBADAN	D02	7.43	3.90	10.55	75.12	7.43	3.90	.99	-1.00	-6.47			
IKOMASAN	A01	34.68	135.68	24.18	202.53	-17.55	134.44	1.20	24.27	47.91			(7/1957)-
	A02	34.68	135.68	24.18	202.53	-17.55	134.44	1.20	24.27	47.91			(7/1957)-
	A05	34.68	135.68	24.18	202.53	-17.55	134.44	1.20	24.27	47.91			NK
	A06	34.68	135.68	24.18	202.53	-17.55	134.44	1.20	24.27	47.91			(1/1964)-
	C01	34.68	135.68	24.18	202.53	-17.55	134.44	1.20	24.27	47.91			(7/1957)-
ILE DU LEVANT	B05	43.05	6.47	44.77	86.92	-29.21	19.32	1.67	39.36	59.26			
ILO	B01	-17.40	288.80	-5.93	358.34	-17.45	288.80	1.07	14.48	-8.93			2/1959 - 5/1959
INUBO	C06	35.70	140.85	25.62	207.04	-18.60	138.84	1.23	25.63	48.37			(2/1970)-
INUVIK	D02	68.35	226.28	70.52	265.22	-63.33	167.11	9.42	70.98	81.56			
	E01	68.35	226.20	70.51	265.15	-63.31	167.08	9.40	70.97	81.54			(8/1969)-
	F01	68.35	226.28	70.52	265.22	-63.33	167.11	9.42	70.98	81.56	.17	21	7/1964 -
	F03	68.35	226.28	70.52	265.22	-63.33	167.11	9.42	70.98	81.56			7/1964 -
INVERCARGILL	B06	-46.40	168.30	-51.52	249.65	57.09	195.69	2.85	53.64	-71.54			8/1965 -
	B11	-46.40	168.30	-51.52	249.65	57.09	195.69	2.85	53.64	-71.54			(12/1969)-
	D02	-46.40	168.30	-51.52	249.65	57.09	195.69	2.85	53.64	-71.54			
	E01	-46.60	168.40	-51.70	249.84	57.21	196.05	2.87	53.83	-71.65			(7/1957)-(12/1958)
	E03	-46.60	168.40	-51.70	249.84	57.21	196.05	2.87	53.83	-71.65			NK
	F01	-46.60	168.40	-51.70	249.84	57.21	196.05	2.87	53.83	-71.65	1.83	0	10/1957 - 3/1960
	F03	-46.60	168 40	-51.70	249.84	57.21	196.05	2.87	53.83	-71.65			7/1958 - 12/1958
INVERNESS	B01	57.40	355.80	60.51	83.78	-54.95	31.45	3.26	56.37	71.12			11/1951 - 6/1963
	B07	57.40	355.80	60.51	83.78	-54.95	31.45	3.26	56.37	71.12			1/1958 -
IRKUTSK	A03	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59			(1/1964)-
	A06	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59			NK
	A08	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59			(12/1958)---
	B01	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59			1/1957 -
	B07	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59			7/1957 - 2/1964
	B10	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59			(4/1958)-
	B14	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59			(11/1958)-12/1965
	C01	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59			(9/1963)---
	C03	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59			(12/1958)---
	D01	52.17	104.45	40.75	175.08	-33.56	107.75	2.02	45.30	71.30			7/1887 -
	D02	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59			
	F01	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59	3.61	433	12/1957 ---
	F02	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59			6/1953 --- 12/1960
	F03	52.47	104.03	41.06	174.75	-33.84	107.46	2.05	45.65	71.59			11/1957 -
ISTANBUL	A01	41.02	28.97	38.40	107.76	-24.68	36.11	1.55	36.61	58.22			(7/1957)---
	A02	41.02	28.97	38.40	107.76	-24.68	36.11	1.55	36.61	58.22			(7/1957)---
	A06	41.02	28.97	38.40	107.76	-24.68	36.11	1.55	36.61	58.22			NK
	B01	41.13	29.03	38.50	107.85	-24.82	36.23	1.56	36.77	58.35			(7/1963)-
	C01	41.02	28.97	38.40	107.76	-24.68	36.11	1.55	36.61	58.22			(7/1957)---
ITHACA	C03	42.45	283.48	53.81	351.18	-69.25	269.60	3.02	54.86	72.49			(7/1957)- 4/1965
	E01	42.50	283.50	53.87	351.20	-69.30	269.62	3.03	54.91	72.53			(6/1957)--- 1/1958
	E03	42.50	283.50	53.87	351.20	-69.30	269.62	3.03	54.91	72.53			(6/1957)---(12/1958)
	E04	42.50	283.50	53.87	351.20	-69.30	269.62	3.03	54.91	72.53			(6/1957)---(12/1959)
IVALO	B08	68.65	27.58	64.67	122.37	-57.46	69.55	5.50	64.76	77.39			1972
	D01	68.60	27.48	64.64	122.24	-57.38	68.94	5.48	64.72	77.36			8/1957 - 1/1959
	E01	68.60	27.42	64.66	122.20	-57.39	68.91	5.48	64.72	77.36			(1/1958)- 12/1970
	F04	68.60	27.42	64.66	122.20	-57.39	68.91	5.48	64.72	77.36			NK
JAMAICA	A14	18.00	283.20	29.37	352.00	-43.65	277.42	1.37	31.38	48.68			(1/1971)-

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
JAMAICA	A15	18.00	283.20	29.37	352.00	-43.65	277.42	1.37	31.38	48.68			2/1970 ---
	B01	18.00	283.20	29.37	352.00	-43.65	277.42	1.37	31.38	48.68			4/1962 -
	B06	18.00	283.20	29.37	352.00	-43.65	277.42	1.37	31.38	48.68			(1/1965)-
	B08	18.00	283.20	29.37	352.00	-43.65	277.42	1.37	31.38	48.68			10/1965 ---(12/1970)
	B10	18.00	283.20	29.37	352.00	-43.65	277.42	1.37	31.38	48.68			6/1965 -
JARVIS ISLAND	D01	-.38	199.97	-.48	269.53	-.38	199.97	.98	-1.00	2.30			8/1957 - 1/1959
JICAMARCA	B01	-11.95	283.14	-.57	352.77	-13.62	283.02	1.05	12.25	-.29			(4/1962)-
	B03	-11.95	283.14	-.57	352.77	-13.62	283.02	1.05	12.25	-.29			(6/1963)-
	B08	-11.95	283.14	-.57	352.77	-13.62	283.02	1.05	12.25	-.29			
	B10	-11.95	283.14	-.57	352.77	-13.62	283.02	1.05	12.25	-.29			(7/1967)-
	D02	-11.95	283.14	-.57	352.77	-13.62	283.02	1.05	12.25	-.29			
JODRELL BANK	A08	53.23	357.70	56.23	82.94	-48.17	25.55	2.61	51.80	68.19			(7/1957)-(1/1959)
	B10	53.23	357.70	56.23	82.94	-48.17	25.55	2.61	51.80	68.19			(7/1957)-(12/1958)
	C03	53.23	357.70	56.23	82.94	-48.17	25.55	2.61	51.80	68.19			(7/1957)-(1/1959)
JOHANNESBURG	B01	-26.10	28.10	-27.04	91.83	41.89	19.15	1.56	36.93	-63.42			5/1946---
	B02	-25.87	27.70	-26.74	91.49	41.71	18.81	1.56	36.73	-63.36			11/1965 -
	B07	-26.01	28.01	-26.94	91.76	41.82	19.09	1.56	36.85	-63.39			7/1957 - 2/1959
	B10	-26.17	28.08	-27.11	91.79	41.94	19.08	1.57	36.99	-63.46			1/1958 - 12/1958
	C06	26.10	28.10	24.06	102.87	-6.98	29.74	1.08	15.89	36.73			(3/1974)-
JOHNSTON ATOLL	B05	16.75	190.48	14.43	256.80	-14.55	184.29	1.06	13.83	31.06			
JORDANSTOWN	G01	54.70	354.10	58.32	80.16	-51.75	25.75	2.87	53.79	69.32			(7/1973)-
JULIACA	B01	-15.50	289.80	-4.03	359.30	-15.93	289.80	1.06	14.24	-5.40			3/1959 - 5/1959
JULIANEHAAB	D01	60.72	313.97	70.75	36.15	-78.49	15.04	6.87	67.57	77.21			9/1959 --- 5/1965
	E01	60.80	314.00	70.82	36.26	-78.52	16.42	6.91	67.64	77.24			(10/1957)-(11/1957)
JULIUSRUH/RUGEN	B01	54.60	13.40	54.40	99.06	-45.74	37.80	2.59	51.61	69.31			4/1957 -
	B07	54.63	13.38	54.44	99.06	-45.79	37.83	2.60	51.64	69.33			10/1956 - 12/1965
JUNGFRAUJOCH	F01	46.50	8.00	47.78	89.82	-34.30	23.62	1.94	44.06	62.68	4.49	3550	10/1958 -
JUPITER	C06	27.02	279.88	38.27	347.90	-52.33	269.45	1.68	39.53	58.82			(1/1969)-
KAGOSHIMA	B05	31.25	131.07	20.44	198.67	-14.33	130.38	1.13	19.75	43.91			
	B13	31.25	131.07	20.44	198.67	-14.33	130.38	1.13	19.75	43.91			
KAKIOKA	D01	36.23	140.18	26.09	206.38	-19.07	138.23	1.24	26.23	49.13			1/1913 -
	D02	36.23	140.18	26.09	206.38	-19.07	138.23	1.24	26.23	49.13			(7/1957)-(12/1958)
	G01	36.23	140.18	26.09	206.38	-19.07	138.23	1.24	26.23	49.13			(7/1957)-(5/1964)
KALININGRAD	B01	54.70	20.62	53.10	105.77	-44.36	43.13	2.54	51.17	69.59			2/1964 -
KAMENICE	B13	48.90	22.00	47.32	104.21	-36.00	36.94	2.01	45.11	65.34			1/1968 -
KAMINOGE	B01	35.60	139.60	25.41	205.94	-18.47	137.78	1.23	25.48	48.44			1/1945 - 6/1945
KANDILLI	A01	41.07	29.07	38.43	107.87	-24.74	36.23	1.56	36.69	58.28			(1/1965)-
	A02	41.07	29.07	38.43	107.87	-24.74	36.23	1.56	36.69	58.28			(1/1965)-
	A06	41.07	29.07	38.43	107.87	-24.74	36.23	1.56	36.69	58.28			NK
	C01	41.07	29.07	38.43	107.87	-24.74	36.23	1.56	36.69	58.28			(1/1965)-
	D01	41.07	29.07	38.43	107.87	-24.74	36.23	1.56	36.69	58.28			1/1947 -
KANO	B02	11.97	8.52	14.11	80.61	8.12	8.84	.98	-1.00	4.65			9/1964 - 11/1965
KANOYA	D01	31.42	130.88	20.59	198.48	-14.49	130.20	1.13	19.98	44.19			7/1957 -
	D02	31.25	130.53	20.40	198.18	-14.33	129.88	1.13	19.73	43.99			1/1958 -
KANOZAN	D01	35.25	139.97	25.10	206.31	-18.16	138.12	1.22	25.08	47.95			NK
KANZELHOHE	A02	46.68	13.90	46.78	95.62	-33.64	28.12	1.91	43.62	63.05			(7/1957)-(12/1959)
	A03	46.68	13.90	46.78	95.62	-33.64	28.12	1.91	43.62	63.05			
	A06	46.68	13.90	46.78	95.62	-33.64	28.12	1.91	43.62	63.05			NK
	A07	46.68	13.90	46.78	95.62	-33.64	28.12	1.91	43.62	63.05			(7/1957)-(9/1964)
	C01	46.68	13.90	46.78	95.62	-33.64	28.12	1.91	43.62	63.05			(7/1957)-(7/1965)

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
KAP TOBIN	B08	70.42	338.03	75.55	82.05	-72.46	61.03	10.59	72.10	79.01			
	C08	70.42	338.02	75.56	82.04	-72.47	61.03	10.59	72.11	79.01			8/1972 -
	D01	70.32	338.03	75.47	81.82	-72.46	60.79	10.48	72.01	78.96			(10/1957)-8/1959
	E01	70.48	338.04	75.60	82.21	-72.57	62.41	10.65	72.16	79.04			(1/1973)-
KAPUSTIN YAR	B05	48.52	45.80	42.69	125.43	-33.35	57.44	1.89	43.39	66.09			
KARAGANDA	B01	49.82	73.08	40.31	149.04	-32.31	81.38	1.91	43.60	68.53			8/1964 -
	D01	49.82	73.08	40.31	149.04	-32.31	81.38	1.91	43.60	68.53			1/1966 -
KARLSRUHE	A02	49.00	8.24	50.12	91.18	-38.29	26.59	2.10	46.34	64.90			(7/1957)-(12/1959)
KARYSTOS	B05	38.02	24.42	36.37	102.54	-20.78	30.24	1.40	32.15	54.49			
KASHIMA	B02	35.95	140.65	25.85	206.83	-18.82	138.65	1.24	25.92	48.71			12/1966 -
	B06	35.95	140.65	25.85	206.83	-18.82	138.65	1.24	25.92	48.71			1/1967 -
	B13	35.95	140.65	25.85	206.83	-18.82	138.65	1.24	25.92	48.71			(1/1973)-
KASUGAI	B13	35.27	137.01	24.87	203.66	-18.12	135.57	1.22	25.02	48.45			(1/1973)-
	C03	35.27	137.01	24.87	203.66	-18.12	135.57	1.22	25.02	48.45			
	C06	35.27	137.01	24.87	203.66	-18.12	135.57	1.22	25.02	48.45			NK
KAUAI	B02	22.13	200.33	21.63	265.18	-21.55	191.62	1.15	21.37	40.24			8/1965 - 3/1972
	B05	22.07	200.23	21.55	265.10	-21.48	191.55	1.15	21.30	40.15			
	C06	22.07	200.23	21.55	265.10	-21.48	191.55	1.15	21.30	40.15			
KAZACHIE	E01	70.80	136.30	60.07	196.65	-50.26	128.53	5.26	64.16	81.22			(12/1957)---(4/1959)
KAZAN	D01	55.83	48.85	49.27	130.73	-41.09	65.86	2.52	50.92	71.50			1/1909 -
KEKAHA	B14	22.00	200.30	21.49	265.18	-21.44	191.65	1.15	21.25	40.08			4/1958 - 8/1965
KEM	D01	65.00	34.40	60.23	124.27	-52.78	66.62	4.19	60.77	75.88			1/1973 -
KERGUELEN	B01	-49.40	70.30	-57.45	128.63	63.32	44.92	3.71	58.71	-68.00			2/1953 -
	B05	-48.83	70.00	-56.85	128.53	62.85	44.99	3.60	58.18	-67.80			
	B07	-48.83	70.00	-56.85	128.53	62.85	44.99	3.60	58.18	-67.80			7/1954 -
	B08	-49.40	70.30	-57.45	128.63	63.32	44.92	3.71	58.71	-68.00			2/1962 -
	B13	-49.30	70.50	-57.38	128.91	63.29	45.32	3.70	58.66	-68.05			3/1964 -
	B14	-49.30	70.50	-57.38	128.91	63.29	45.32	3.70	58.66	-68.05			6/1957 - 3/1959
	C06	-49.40	70.30	-57.45	128.63	63.32	44.92	3.71	58.71	-68.00			(1/1968)-
	D01	-49.35	70.20	-57.39	128.54	63.26	44.89	3.70	58.65	-67.95			10/1957 -
	D02	-49.35	70.20	-57.39	128.54	63.26	44.89	3.70	58.65	-67.96			(1/1957)-
	F01	-49.35	70.22	-57.39	128.56	63.27	44.91	3.70	58.66	-67.97	1.12	0	7/1957 -
	F03	-49.35	70.22	-57.39	128.56	63.27	44.91	3.70	58.66	-67.97			7/1957 - 6/1962
	F04	-49.35	70.22	-57.39	128.56	63.27	44.91	3.70	58.66	-67.97			NK
	G01	-49.35	70.22	-57.39	128.56	63.27	44.91	3.70	58.66	-67.97			1/1964 -
KERMADEC	B01	-29.20	182.10	-32.21	258.17	34.51	196.17	1.40	32.29	-53.21			6/1943 --- 9/1972
KETTLE FALLS	E03	48.36	241.97	55.07	299.54	-56.39	207.42	3.01	54.83	71.65			
KEVO	B08	69.75	26.48	65.83	122.79	-58.49	70.47	6.00	65.91	77.87			/1958 -
	D02 P	69.75	26.48	65.83	122.79	-58.49	70.47	6.00	65.91	77.87			/1974
	E01	69.75	26.48	65.83	122.79	-58.49	70.47	6.00	65.91	77.87			
KEWEENAW, MICHIG	B05	47.43	272.28	58.16	336.32	-69.47	241.02	3.84	59.30	76.18			
KHABAROVSK	B01	48.50	135.10	37.89	200.43	-30.22	132.94	1.71	40.19	63.36			9/1959 -
	B14	48.52	135.12	37.91	200.45	-30.24	132.96	1.71	40.21	63.37			(12/1958)- 12/1965
	F01	48.50	135.21	37.90	200.53	-30.23	133.03	1.71	40.19	63.34	5.37	0	(1/1971)-
KHARKOV	A06	49.43	36.92	45.07	117.94	-35.25	50.29	1.98	44.78	66.44			NK
	B10	49.43	36.92	45.07	117.94	-35.25	50.29	1.98	44.78	66.44			(8/1957)-11/1960
	C01	49.43	36.92	45.07	117.94	-35.25	50.29	1.98	44.78	66.44			(7/1967)-
KHARTOUM	B01	15.55	32.58	12.87	104.89	3.76	32.92	.97	-1.00	14.63			3/1952 - 3/1954
	B06	15.55	32.58	12.87	104.89	3.76	32.92	.97	-1.00	14.63			NK
KIEL	A08	54.30	10.10	54.77	95.77	-46.11	35.10	2.59	51.59	69.02			5/1957 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
KIEL	C03	54.30	10.10	54.77	95.77	-46.11	35.10	2.59	51.59	69.02			5/1957 -
	C04	54.30	10.10	54.77	95.77	-46.11	35.10	2.59	51.59	69.02			NK
	F01	54.30	10.10	54.77	95.77	-46.11	35.10	2.59	51.59	69.02	2.30	54	7/1957 -
	F03	54.30	10.10	54.77	95.77	-46.11	35.10	2.59	51.59	69.02			7/1957 - 1/1970
KIEV	A02	50.45	30.50	47.20	112.63	-37.20	45.73	2.09	46.19	66.95			NK
	A06	50.45	30.50	47.20	112.63	-37.20	45.73	2.09	46.19	66.95			(1/1964)---
	A08	50.45	30.50	47.20	112.63	-37.20	45.73	2.09	46.19	66.95			(7/1964)---
	B01	50.72	30.30	47.50	112.56	-37.58	45.83	2.11	46.48	67.15			1/1964 -
	B14	50.45	30.50	47.20	112.63	-37.20	45.73	2.09	46.19	66.95			(8/1960)- 12/1963
	C01	50.45	30.50	47.20	112.63	-37.20	45.73	2.09	46.19	66.95			(7/1957)-
	C03	50.45	30.50	47.20	112.63	-37.20	45.73	2.09	46.19	66.95			(7/1964)---
	D01	50.72	30.30	47.50	112.56	-37.58	45.83	2.11	46.48	67.15			7/1958 -
	D02	50.72	30.30	47.50	112.56	-37.58	45.83	2.11	46.48	67.15			5/1959 -
	F01	50.72	30.30	47.50	112.56	-37.58	45.83	2.11	46.48	67.15	3.53	120	9/1959 -
KING SALMON	B08	58.38	203.39	57.11	254.65	-49.63	171.33	3.26	56.34	70.76			9/1957 - 12/1958
	E04	58.38	203.39	57.11	254.65	-49.63	171.33	3.26	56.34	70.76			NK
KINGSTON	D02	41.62	288.27	53.08	357.19	-69.39	282.69	2.88	53.89	71.32			
KINSHASA-BINZA	B01	-4.50	15.20	-3.35	83.88	24.18	12.80	1.06	14.25	-34.73			2/1952 -
	D01	-4.27	15.37	-3.16	84.10	23.97	13.04	1.06	13.94	-34.27			1/1953 -
KIRUNA	B01	67.80	20.40	65.17	115.88	-58.36	64.19	5.36	64.42	76.82			3/1949 ---
	B05	67.90	21.10	65.13	116.55	-58.27	64.66	5.38	64.47	76.88			
	B06	67.80	20.40	65.17	115.88	-58.36	64.19	5.36	64.42	76.82			(10/1964) -
	B08	67.80	20.40	65.17	115.88	-58.36	64.19	5.36	64.42	76.82			6/1958 -
	C08	67.80	20.40	65.17	115.88	-58.36	64.19	5.36	64.42	76.82			(6/1958)-
	C09	67.80	20.40	65.17	115.88	-58.36	64.19	5.36	64.42	76.82			3/1949 ---
	D01	67.83	20.42	65.19	115.93	-58.38	64.25	5.37	64.45	76.83			7/1950 -
	D02	67.83	20.42	65.19	115.93	-58.38	64.25	5.37	64.45	76.83			(7/1957)-
	E01	67.84	20.42	65.20	115.94	-58.38	64.27	5.38	64.46	76.84			(3/1957)---
	E03	67.84	20.42	65.20	115.94	-58.38	64.27	5.38	64.46	76.84			
	F01	67.83	20.43	65.19	115.94	-58.37	64.25	5.37	64.45	76.83	.54	400	1/1970 -
	F03	67.83	20.43	65.19	115.94	-58.37	64.25	5.37	64.45	76.83			11/1956 --- 8/1958
	F04	67.83	20.43	65.19	115.94	-58.37	64.25	5.37	64.45	76.83			NK
KISLOVODSK	A02	43.55	42.44	38.42	120.88	-27.70	50.69	1.62	38.16	61.49			(1/1957)---(9/1962)
	A03	43.55	42.44	38.42	120.88	-27.70	50.69	1.62	38.16	61.49			(1/1964)-
	A06	43.55	42.44	38.42	120.88	-27.70	50.69	1.62	38.16	61.49			(1/1964)-
	A07	43.55	42.44	38.42	120.88	-27.70	50.69	1.62	38.16	61.49			(7/1957)-
	A08	43.55	42.44	38.42	120.88	-27.70	50.69	1.62	38.16	61.49			(7/1957)---
	C03	43.55	42.44	38.42	120.88	-27.70	50.69	1.62	38.16	61.49			(7/1957)---
KITT PEAK	A03	31.95	248.39	40.07	311.93	-44.11	229.85	1.65	38.91	58.50			/1964---
KJELLER	B01	60.00	11.10	59.88	100.56	-53.27	45.02	3.44	57.36	72.66			4/1942 --- 1/1959
	B06	60.00	11.10	59.88	100.56	-53.27	45.02	3.44	57.36	72.66			(10/1964) -
	B07	60.00	11.10	59.88	100.56	-53.27	45.02	3.44	57.36	72.66			9/1950 - 1/1959
KNOB LAKE	B12	54.80	293.18	66.26	3.80	-82.16	294.59	5.98	65.87	78.60			(3/1958)-(7/1958)
	B13	54.80	293.18	66.26	3.80	-82.16	294.59	5.98	65.87	78.60			5/1958 - 2/1965
	E01	54.80	293.18	66.26	3.80	-82.16	294.59	5.98	65.87	78.60			(6/1958)---(5/1966)
KODAIKANAL	A02	10.20	77.50	.54	147.56	8.72	77.56	.92	-1.00	1.41			(7/1957)-
	A05	10.20	77.50	.54	147.56	8.72	77.56	.92	-1.00	1.41			NK
	A06	10.20	77.50	.54	147.56	8.72	77.56	.92	-1.00	1.41			(7/1957)-

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
KODAIKANAL	A08	10.20	77.50	.54	147.56	8.72	77.56	.92	-1.00	1.41			(1/1966)---(7/1957)
	B01	10.20	77.50	.54	147.56	8.72	77.56	.92	-1.00	1.41			7/1952 ---
	B09	10.20	77.50	.54	147.56	8.72	77.56	.92	-1.00	1.41			
	C01	10.20	77.50	.54	147.56	8.72	77.56	.92	-1.00	1.41			(7/1957)-
	C03	10.20	77.50	.54	147.56	8.72	77.56	.92	-1.00	1.41			(1/1966)---(7/1957)
	C06	10.20	77.50	.54	147.56	8.72	77.56	.92	-1.00	1.41			
	D01	10.23	77.47	.57	147.53	8.71	77.54	.92	-1.00	1.49			1/1902 ---
	F01	10.23	77.48	.57	147.54	8.71	77.55	.92	-1.00	1.49	17.50	2443	7/1957 - 6/1964
	F03	10.23	77.48	.57	147.54	8.71	77.55	.92	-1.00	1.49			7/1957 - 12/1958
KOENJI	F03	35.71	139.64	25.53	205.96	-18.58	137.81	1.23	25.61	48.58			10/1956 - 10/1959
KOKUBUNJI	B01	35.70	139.50	25.50	205.84	-18.56	137.69	1.23	25.59	48.59			8/1943 - 12/1944
KOLBERG	B09	52.23	13.82	52.08	98.15	-42.24	34.77	2.34	49.13	67.62			1/1964 - 12/1965
KOMURO	B14	35.98	139.60	25.79	205.89	-18.82	137.76	1.24	25.92	48.92			(9/1957)-(12/1958)
KONTAGORA	D01	10.40	5.45	13.17	77.25	9.16	5.57	.99	-1.00	.78			12/1964 -(12/1965)
KOOTWIJK	B10	55.15	5.83	56.42	92.19	-48.48	33.61	2.75	52.88	69.55			7/1957 - 12/1958
KORETS	D01	50.60	61.07	42.47	139.16	-34.15	71.87	2.00	44.94	68.49			(1/1968) -
KOROLEY (SHIP)	B05	COORDINATES VARIABLE											
KORONI BEACH	B05	36.77	21.95	35.64	99.81	-19.19	27.45	1.35	30.57	52.77			
KOROR	D01	7.33	134.50	-3.17	203.80	9.14	134.55	.94	-1.00	-1.61			7/1957 --- 3/1965
	D02	7.33	134.50	-3.17	203.80	9.14	134.55	.94	-1.00	-1.61			7/1957 --- 12/1958
KOTELNY IS	E01	76.00	137.90	65.25	195.41	-54.87	127.06	9.09	69.42	84.38			(12/1958)-(2/1959)
KOTZEBUE	B13	66.88	197.40	63.77	242.52	-54.58	159.68	5.20	63.98	76.34			11/1957 -(12/1958)
	D01	66.88	197.40	63.77	242.52	-54.58	159.68	5.20	63.98	76.34			7/1957 - 12/1958
	D02	66.90	197.50	63.81	242.58	-54.62	159.70	5.21	64.02	76.37			
	E01	66.53	197.61	63.50	243.04	-54.36	160.17	5.08	63.65	76.10			- /1970
	E04	66.53	197.51	63.48	242.96	-54.34	160.12	5.07	63.64	76.09			(8/1957)-
KOUROU	B02	5.00	307.00	15.99	17.09	-23.21	314.32	1.15	20.90	26.01			NK
	B05	5.20	307.27	16.17	17.38	-23.13	314.73	1.15	20.92	26.16			
KRAKOW	C03	50.05	19.58	48.89	102.48	-38.00	36.34	2.11	46.46	66.16			(10/1957)-(3/1960)
KRISTINEBERG	E01	65.10	18.60	63.09	111.59	-56.52	58.48	4.50	61.88	75.48			(8/1957)---(4/1959)
KRONOGARD	B05	66.22	19.78	63.88	113.68	-57.17	60.88	4.82	62.90	76.05			
KSARA	D01	33.82	35.88	30.11	112.16	-16.05	39.18	1.25	26.68	49.66			10/1930 -
KUHLUNGSBORN	B06	55.00	12.70	54.92	98.64	-46.50	37.97	2.65	52.08	69.56			(11/1964) -
	B09	55.00	12.70	54.92	98.64	-46.50	37.97	2.65	52.08	69.56			(7/1957)-
	B10	55.00	12.70	54.92	98.64	-46.50	37.97	2.65	52.08	69.56			(7/1957)-
	B12	55.00	12.70	54.92	98.64	-46.50	37.97	2.65	52.08	69.56			(7/1957)-
	B13	54.12	11.77	54.27	97.25	-45.44	35.97	2.55	51.25	68.93			(7/1957)-(6/1958)
	B14	54.12	11.77	54.27	97.25	-45.44	35.97	2.55	51.25	68.93			(7/1957)-
	C06	54.09	11.43	54.31	96.91	-45.48	35.70	2.55	51.25	68.90			(7/1957)-
	E04	54.09	11.43	54.31	96.91	-45.48	35.70	2.55	51.25	68.90			NK
	F01	54.12	11.77	54.27	97.25	-45.44	35.97	2.55	51.25	68.93	2.40	70	1/1964 - 12/1967
	F02	54.12	11.77	54.27	97.25	-45.44	35.97	2.55	51.25	68.93			1/1957 - 12/1957
	F03	54.12	11.77	54.27	97.25	-45.44	35.97	2.55	51.25	68.93			7/1957 - 12/1957
KULA	F01	20.73	203.67	20.92	268.76	-21.32	195.49	1.14	20.51	39.00	12.99	930	7/1966 -
	F03	20.73	203.67	20.92	268.76	-21.32	195.49	1.14	20.51	39.00			7/1966 -
KURE	C06	28.22	178.25	23.39	242.67	-18.56	169.73	1.17	22.60	41.32			(2/1969)-
KUYPER	D01	-5.03	106.73	-17.48	176.04	23.76	106.99	1.00	-1.00	-32.22			7/1899 - 12/1951
KWAJALEIN	B01	9.05	167.20	2.65	235.69	9.11	167.21	.97	-1.00	7.61			1/1945 - 2/1945
	B05	8.73	167.73	2.42	236.26	8.80	167.74	.97	-1.00	7.20			
	D01	9.05	167.20	2.65	235.69	9.11	167.21	.97	-1.00	7.61			1/1973 -

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STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
L-AQUILA	D01	42.38	13.32	42.77	93.37	-27.25	23.84	1.61	38.07	58.80			5/1958 -
	D02	42.38	13.32	42.77	93.37	-27.25	23.84	1.61	38.07	58.80			
LA JOLLA	A14	32.52	242.48	39.71	305.39	-42.45	223.96	1.63	38.37	57.89			
LA PAZ	B01	-16.50	291.90	-5.03	1.32	-16.51	291.90	1.07	14.81	-7.00			10/1957 ---
LA PLATA	B04	-34.90	303.00	-23.67	11.15	9.85	297.63	1.23	25.70	-33.92			NK
LA POSTA	A09	32.80	243.57	40.17	306.49	-43.12	224.72	1.65	38.88	58.38			(1/1974)-
	B01	32.80	242.50	39.99	305.34	-42.73	223.75	1.64	38.67	58.17			/1973 -
LA QUIACA	B01	-22.10	294.40	-10.65	3.65	-3.36	293.57	1.09	17.07	-16.34			6/1958 - 1/1959
	D01	-22.10	294.40	-10.65	3.65	-3.36	293.57	1.09	17.07	-16.34			1/1920 ---
LAE	D02	-6.73	147.00	-15.88	217.86	22.40	148.96	1.02	8.96	-28.41			
	F01	-6.73	147.00	-15.88	217.86	22.40	148.96	1.02	8.96	-28.41	15.36	0	7/1957 --- 11/1959
	F03	-6.73	147.00	-15.88	217.86	22.40	148.96	1.02	8.96	-28.41			7/1957 --- 11/1959
LAGRANDE	D02	45.50	242.00	52.31	300.80	-54.03	210.95	2.62	51.88	69.38			
LAKE TRAVERSE	E01	45.96	281.95	57.27	348.94	-72.10	262.84	3.62	58.28	75.11			(4/1966)---
LANCASTER	B01	53.00	358.00	55.95	83.11	-47.71	25.39	2.58	51.52	68.01			NK
	B06	53.00	358.00	55.95	83.11	-47.71	25.39	2.58	51.52	68.01			NK
	B07	53.00	358.00	55.95	83.11	-47.71	25.39	2.58	51.52	68.01			NK
	B08	53.00	358.00	55.95	83.11	-47.71	25.39	2.58	51.52	68.01			
	B10	53.00	358.00	55.95	83.11	-47.71	25.39	2.58	51.52	68.01			NK
	B11	53.00	358.00	55.95	83.11	-47.71	25.39	2.58	51.52	68.01			
LANCHOW	B01	36.10	103.80	24.70	174.02	-18.00	104.57	1.23	25.69	53.17			12/1946 - 7/1949
LANDES TEST CENT	B05	44.27	3.61	46.51	84.55	-31.66	18.41	1.77	41.26	60.45			
LANNION	B01	48.45	356.73	51.87	79.41	-40.53	18.41	2.15	47.02	64.36			1/1971 -
	B06	48.45	356.73	51.87	79.41	-40.53	18.41	2.15	47.02	64.36			
LAPAN	B05	-6.27	106.87	-17.72	176.18	23.99	107.13	1.00	1.82	-32.64			
LAROCHE GODON	D02	-37.83	77.57	-47.13	140.83	54.51	65.50	2.33	49.03	-67.25			
LAS ACACIAS	D01	-35.00	302.32	-23.74	10.54	9.78	297.25	1.23	25.67	-33.85			1/1964 -
LATROBE	A02	40.30	280.77	51.57	347.99	-66.33	264.75	2.73	52.74	71.00			NK
	C06	40.30	280.77	51.57	347.99	-66.33	264.75	2.73	52.74	71.00			(4/1966)---
LAUDER	B02	-45.05	169.67	-49.97	250.53	55.41	195.84	2.63	51.95	-70.32			NK
	B06	-45.05	169.67	-49.97	250.53	55.41	195.84	2.63	51.95	-70.32			
	B11	-45.05	169.67	-49.97	250.53	55.41	195.84	2.63	51.95	-70.32			
	B13	-45.05	169.67	-49.97	250.53	55.41	195.84	2.63	51.95	-70.32			(1/1962)-
	E01	-45.05	169.67	-49.97	250.53	55.41	195.84	2.63	51.95	-70.32			(12/1969)---
	E03	-45.05	169.67	-49.97	250.53	55.41	195.84	2.63	51.95	-70.32			
	G01	-45.05	169.67	-49.97	250.53	55.41	195.84	2.63	51.95	-70.32			NK
LAUNCESTON	D02	-42.00	213.00	-38.60	291.81	35.70	233.11	1.70	39.89	-59.73			
LAUREL RIDGE	E03	40.16	230.34	45.04	290.21	-44.86	206.78	1.93	43.89	62.39			
	G01	40.16	230.34	45.04	290.21	-44.86	206.78	1.93	43.89	62.39			
LAZAREV	D01	69.97	12.90	68.40	112.74	-61.86	65.71	6.65	67.17	77.76			1/1960 - 2/1961
LEADVILLE	D01	39.28	253.72	48.05	316.07	-53.47	228.31	2.22	47.84	66.63			7/1957 - 1/1959
LEBANON	D02	39.63	285.50	51.05	353.83	-67.01	276.14	2.65	52.11	70.18			
LEDUC	D02	53.60	246.60	60.91	302.15	-62.41	203.41	4.31	61.22	76.61			
LEEDS	F01	53.83	358.42	56.65	84.04	-48.85	26.91	2.68	52.34	68.62	2.15	70	1/1955 -
LEICESTER	A11	51.00	359.00	53.86	83.01	-44.07	23.09	2.35	49.33	66.46			7/1969 - 11/1972
	B01	52.00	359.00	54.81	83.56	-45.77	24.53	2.46	50.37	67.24			
	B09	52.00	359.00	54.81	83.56	-45.77	24.53	2.46	50.37	67.24			NK
	B13	52.00	359.00	54.81	83.56	-45.77	24.53	2.46	50.37	67.24			
	C06	52.00	359.00	54.81	83.56	-45.77	24.53	2.46	50.37	67.24			1/1967 ---

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
LEIRVOGUR	D01	64.18	338.30	70.12	71.51	-69.24	39.22	6.06	66.03	75.99			8/1957 -
	D02	64.18	338.30	70.12	71.51	-69.24	39.22	6.06	66.03	75.99			8/1957 -
LENINGRAD	B01	59.95	30.70	56.17	117.70	-48.54	57.38	3.18	55.91	73.11			1/1939 ---
	D01	59.95	30.70	56.17	117.70	-48.54	57.38	3.18	55.91	73.11			1/1869 -
	E03	59.95	30.70	56.17	117.70	-48.54	57.38	3.18	55.91	73.11			
LERWICK	D01	60.13	358.82	62.43	89.00	-57.25	38.30	3.73	58.80	72.76			1/1923 -
	D02	60.13	358.82	62.43	89.00	-57.25	38.30	3.73	58.80	72.76			(1/1964)---
	E01	60.13	358.82	62.43	89.00	-57.25	38.30	3.73	58.80	72.76			NK
LEVEL IS	B13	56.46	226.99	59.98	278.68	-56.31	186.53	3.89	59.53	74.14			(11/1974 -
LEXINGTON	C06	42.27	288.86	53.74	357.91	-70.08	284.10	2.96	54.47	71.69			12/1970---
LEYTE	B01	11.00	125.00	-.12	194.20	11.09	125.00	.93	-1.00	6.38			6/1945 - 9/1948
LIMA	B02	-11.77	282.83	-.40	352.46	-13.51	282.70	1.05	12.16	-.04			11/1966 - 3/1969
	B11	-11.77	282.83	-.40	352.46	-13.51	282.70	1.05	12.16	-.04			1/1966 -
LINCOLN	F01	40.82	263.32	50.76	326.84	-59.25	236.85	2.56	51.31	69.85	2.17	350	5/1957 - 5/1962
	F03	40.82	263.32	50.76	326.84	-59.25	236.85	2.56	51.31	69.85			5/1957 - 5/1962
LINDAU	B01	51.60	10.10	52.22	94.28	-42.03	31.21	2.30	48.80	67.04			11/1947 -
	B04	51.65	10.13	52.26	94.33	-42.10	31.30	2.31	48.85	67.08			9/1957 -
	B06	51.60	10.10	52.22	94.28	-42.03	31.21	2.30	48.80	67.04			10/1964-
	B07	51.65	10.13	52.26	94.33	-42.10	31.30	2.31	48.85	67.08			8/1957 - 12/1959
	B09	51.65	10.13	52.26	94.33	-42.10	31.30	2.31	48.85	67.08			/1956 -
	B11	51.65	10.13	52.26	94.33	-42.10	31.30	2.31	48.85	67.08			
	B12	51.65	10.13	52.26	94.33	-42.10	31.30	2.31	48.85	67.08			
	B15	51.65	10.13	52.26	94.33	-42.10	31.30	2.31	48.85	67.08			
	C06	51.65	10.13	52.26	94.33	-42.10	31.30	2.31	48.85	67.08			(7/1957) ---
	F01	51.60	10.10	52.22	94.28	-42.03	31.21	2.30	48.80	67.04	2.95	140	11/1964 -
	F03	51.60	10.10	52.22	94.28	-42.03	31.21	2.30	48.80	67.04			5/1959 ---
	F04	51.60	10.10	52.22	94.28	-42.03	31.21	2.30	48.80	67.04			NK
LISBON	F03	38.80	350.85	43.70	69.47	-26.80	5.65	1.53	35.99	54.79			1/1958 - 4/1961
LITTLE AMERICA	B01	-78.20	197.80	-74.00	312.19	62.31	270.08	12.41	73.51	-78.65			7/1957 - 12/1958
	C09	-78.20	197.80	-74.00	312.19	62.31	270.08	12.41	73.51	-78.65			7/1957 - 12/1958
	D01	-78.18	197.80	-73.98	312.14	62.30	270.04	12.40	73.50	-78.66			7/1957 - 12/1958
	E01	-78.20	197.80	-74.00	312.19	62.31	270.08	12.41	73.51	-78.65			3/1957 --- 9/1958
	E03	-78.20	197.80	-74.00	312.19	62.31	270.08	12.41	73.51	-78.65			3/1957 --- 9/1958
LITTLETON	C06	39.37	254.99	48.31	317.50	-54.11	229.46	2.25	48.19	66.97			(7/1967)-
LJUBLJANA	A02	46.03	14.31	46.08	95.74	-32.57	27.80	1.87	43.00	62.47			(7/1957)-(12/1959)
LOCARNO	A01	46.10	8.48	47.30	90.12	-33.57	23.56	1.90	43.52	62.32			(7/1957-12/1965)
	A02	46.10	8.48	47.30	90.12	-33.57	23.56	1.90	43.52	62.32			(7/1957)-(7/1962)
	A06	46.10	8.48	47.30	90.12	-33.57	23.56	1.90	43.52	62.32			(1/1964)-(7/1965)
	C01	46.10	8.48	47.30	90.12	-33.57	23.56	1.90	43.52	62.32			(5/1958)-
LOCKHEED	A06	33.93	241.62	40.96	304.10	-43.48	222.03	1.69	39.69	59.10			1/1959 -
	C01	33.93	241.62	40.96	304.10	-43.48	222.03	1.69	39.69	59.10			1/1959 - 7/1972
	C06	33.93	241.62	40.96	304.10	-43.48	222.03	1.69	39.69	59.10			7/1958 - 2/1961
LOGAN	B13	41.67	248.33	49.61	309.26	-53.37	220.75	2.35	49.24	67.58			(9/1961)-
LOGRONO	D01	42.45	357.50	45.96	77.65	-30.34	12.78	1.68	39.56	58.59			7/1957 -
LOMNICKY STIT	A07	49.20	20.22	47.95	102.69	-36.64	35.83	2.04	45.54	65.50			(7/1965)-
	F01	49.20	20.22	47.95	102.69	-36.64	35.83	2.04	45.54	65.50	3.91	2632	1/1958 ---
	F03	49.20	20.22	47.95	102.69	-36.64	35.83	2.04	45.54	65.50			1/1958 -
	G01	49.20	20.22	47.95	102.69	-36.64	35.83	2.04	45.54	65.50			(7/1957)-(12/1959)
LONDON	A17	51.50	359.90	54.15	84.19	-44.64	24.37	2.39	49.74	66.85			12/1968---

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
LONDON	B13	51.50	359.90	54.15	84.19	-44.64	24.37	2.39	49.74	66.85			NK
	F01	51.53	359.90	54.18	84.21	-44.69	24.41	2.40	49.77	66.87	2.75	45	7/1950 --- 5/1955
	F03	51.53	359.90	54.18	84.21	-44.69	24.41	2.40	49.77	66.87			7/1957 - 12/1958
LONDON/ONTARIO	B09	42.59	278.86	53.77	345.41	-67.84	259.06	3.03	54.92	72.80			
	B11	42.59	278.86	53.77	345.41	-67.84	259.06	3.03	54.92	72.80			
LONGYEARBYEN	B01	78.20	15.70	74.31	131.11	-65.60	88.79	14.38	74.71	81.62			5/1956 - 8/1959
LOPARSKAYA	G01	68.25	33.08	63.41	126.09	-55.90	70.84	5.22	64.04	77.39			10/1957 ---(12/1965)
LORING AFB	D01	46.95	292.12	58.42	2.07	-74.66	292.77	3.68	58.60	74.24			10/1966 -
LOS CERRILLOS	F03	-33.50	289.30	-22.03	358.89	7.33	289.73	1.19	23.47	-32.03			1/1967 -
LOSHAN	B01	29.50	103.70	18.10	173.75	-11.42	103.80	1.08	15.85	43.02			1/1946 - 5/1945
LOUISVILLE	C06	38.16	274.55	49.10	340.69	-61.76	254.76	2.44	50.17	69.06			2/1970 -
LOURENCO MARQUES	D01	-25.92	32.58	-27.76	96.30	41.90	24.41	1.56	36.76	-62.69			1/1957 -
LOVO	D01	59.35	17.83	57.98	106.16	-50.75	48.08	3.22	56.14	72.40			1/1928 -
LOVOZERO	D01	67.97	35.02	62.85	127.27	-55.28	71.38	5.08	63.67	77.34			
	D02	67.97	35.02	62.85	127.27	-55.28	71.38	5.08	63.67	77.34			8/1957 -
LOWER HUTT	B10	-41.23	174.92	-45.28	254.55	49.80	197.95	2.14	46.33	-66.41			(7/1957)-(12/1959)
LUANDA	D01	-8.92	13.17	-7.28	81.02	28.02	9.26	1.13	19.79	-42.96			1/1956 -
	G01 P	-8.92	13.17	-7.28	81.02	28.02	9.26	1.13	19.79	-42.96			/1975
LUBBOCK	B09	33.60	258.10	43.01	322.35	-49.75	237.86	1.85	42.64	62.19			9/1971 -
LULEA	B01	65.60	22.10	62.90	114.96	-56.06	60.96	4.57	62.11	75.79			9/1947 - 1969
LUNPING	A01	25.18	121.17	13.89	189.91	-8.50	120.89	1.03	9.40	35.28			6/1967 -
	A02	25.18	121.17	13.89	189.91	-8.50	120.89	1.03	9.40	35.28			6/1967 -
	D01	25.00	121.17	13.71	189.92	-8.33	120.89	1.03	8.99	34.96			1/1919 -
LVOV	A06	49.82	24.02	47.81	106.48	-37.10	39.66	2.07	45.92	66.17			NK
	C01	49.82	24.02	47.81	106.48	-37.10	39.66	2.07	45.92	66.17			(4/1964)---(4/1967)
	D01	49.90	23.75	47.94	106.26	-37.24	39.53	2.07	46.02	66.22			7/1929 -
LWIRO	A08	-2.25	28.60	-3.81	97.47	21.77	27.58	1.02	8.93	-29.97			(7/1957)-(12/1959)
	B01	-2.30	28.80	-3.89	97.65	21.81	27.79	1.03	8.99	-30.07			2/1952 - 8/1967
	B07	-2.30	28.80	-3.89	97.65	21.81	27.79	1.03	8.99	-30.07			1/1959 - 12/1959
	C03	-2.25	28.60	-3.81	97.47	21.77	27.58	1.02	8.93	-29.97			(7/1957)-(5/1959)
	D01	-2.25	28.80	-3.85	97.66	21.76	27.79	1.02	8.90	-29.95			7/1958 -
	G01	-2.25	28.80	-3.85	97.66	21.76	27.79	1.02	8.90	-29.95			12/1957 - 12/1959
LYCKSELE	B01	64.70	18.80	62.70	111.37	-56.06	57.67	4.38	61.46	75.28			1/1957 -
	B08	64.62	18.67	62.65	111.19	-56.02	57.45	4.36	61.39	75.24			NK
	B11	64.62	18.67	62.65	111.19	-56.02	57.45	4.36	61.39	75.24			
	E01	64.62	18.67	62.65	111.19	-56.02	57.45	4.36	61.39	75.24			(9/1957)---
M BOUR	D01	14.40	343.02	21.16	55.48	1.74	346.08	1.02	8.93	14.51			(7/1957)-
	D02	14.40	343.02	21.16	55.48	1.74	346.08	1.02	8.93	14.51			
MACAU	B01	22.20	113.60	10.74	182.89	-5.25	113.30	.99	-1.00	30.02			5/1958 ---
	B14	22.20	113.55	10.74	182.85	-5.24	113.25	.99	-1.00	30.02			(4/1959)-(8/1959)
	C03	22.20	113.55	10.74	182.85	-5.24	113.25	.99	-1.00	30.02			5/1958 - 3/1960
	F03	22.22	113.55	10.76	182.85	-5.26	113.25	.99	-1.00	30.06			7/1959 - 10/1964
MACQUARIE IS	B01	-54.50	159.00	-60.98	243.64	67.16	196.47	5.22	64.05	-78.67			6/1950 - 11/1958
	B06 P	-54.50	159.00	-60.98	243.64	67.16	196.47	5.22	64.05	-78.67			/1975
	B08	-54.50	159.00	-60.98	243.64	67.16	196.47	5.22	64.05	-78.67			1/1968 -
	B13	-54.50	158.90	-61.00	243.53	67.20	196.34	5.23	64.07	-78.69			7/1957 -
	D01	-54.50	158.95	-60.99	243.59	67.18	196.40	5.23	64.06	-78.68			1/1951 -
	D02	-54.50	158.95	-60.99	243.59	67.18	196.40	5.23	64.06	-78.68			1/1967 -
	E01	-54.50	159.00	-60.98	243.64	67.16	196.47	5.22	64.05	-78.67			(3/1958)---
	E03	-54.50	159.00	-60.98	243.64	67.16	196.47	5.22	64.05	-78.67			

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
MACQUARIE IS	F03	-54.48	158.97	-60.96	243.60	67.15	196.39	5.22	64.04	-78.66			7/1957 - 2/1959
	G01	-54.50	159.00	-60.98	243.64	67.16	196.47	5.22	64.05	-78.67			
MACUL	F03	-33.45	289.40	-21.98	358.98	7.28	289.79	1.19	23.44	-31.95			2/1958 - 2/1967
MADISON	B11	43.00	271.00	53.66	335.64	-64.87	244.75	2.99	54.70	72.73			1/1961 -
MADRAS	B01	13.10	80.30	3.14	150.59	6.34	80.55	.92	-1.00	8.27			7/1944 -
	B10	13.10	80.30	3.14	150.59	6.34	80.55	.92	-1.00	8.27			
MADRID	A02	40.40	356.32	44.21	75.69	-27.50	10.34	1.57	37.11	56.38			(7/1957)---(3/1959)
MAGADAN	B01	60.12	151.02	50.75	210.75	-41.50	141.26	2.73	52.76	71.01			
	D01	60.12	151.02	50.75	210.75	-41.50	141.26	2.73	52.76	71.01			11/1966 -
	F01	60.11	151.01	50.74	210.74	-41.49	141.26	2.73	52.75	71.01	2.08	0	(1/1971)-
MAJURO	D01	7.08	171.38	1.41	240.11	7.08	171.38	.97	-1.00	5.60			9/1964 - 2/1966
MAKASSAR	B01	5.20	119.50	-6.13	188.98	5.12	119.50	.93	-1.00	-6.63			1/1944 - 11/1944
MAKATEA	G01	-16.20	211.98	-13.62	284.44	11.85	216.75	1.05	12.68	-27.74			(5/1963)-(12/1965)
MAKERERE	D02	.33	32.50	-2.04	101.80	19.01	31.89	1.00	-1.00	-23.56			
	F01	.34	32.56	-2.04	101.86	19.00	31.96	1.00	-1.00	-23.52	15.02	1196	10/1957 ---/1971
	F03	0.00	30.00	1.88	279.28	19.50	29.29	1.00	2.70	-24.62			7/1957---
MALVERN	B03	52.13	357.67	55.19	82.28	-46.39	23.87	2.49	50.65	67.36			(3/1956)---
MANHAY	D01	50.30	5.68	51.87	89.31	-41.03	26.49	2.22	47.89	65.92			1/1932 -
MANILA	A01	14.39	120.59	3.09	189.76	1.96	120.42	.94	-1.00	13.87			(7/1957)-
	A02	14.39	120.59	3.09	189.76	1.96	120.42	.94	-1.00	13.87			6/1963 -
	A06	14.39	120.59	3.09	189.76	1.96	120.42	.94	-1.00	13.87			(1/1964)-
	A08	14.39	120.59	3.09	189.76	1.96	120.42	.94	-1.00	13.87			3/1962 -
	B01	14.70	121.10	3.41	190.24	1.64	120.92	.94	-1.00	14.54			3/1944---
	B08	14.39	120.59	3.09	189.76	1.96	120.42	.94	-1.00	13.87			4/1963 -
	C01	14.39	120.59	3.09	189.76	1.96	120.42	.94	-1.00	13.87			5/1963 -
	C03	14.39	120.59	3.09	189.76	1.96	120.42	.94	-1.00	13.87			3/1962 -
	C04	14.39	120.59	3.09	189.76	1.96	120.42	.94	-1.00	13.87			9/1971 -
	C06	14.39	121.59	3.12	190.73	1.93	121.42	.94	-1.00	13.86			2/1962 -
	D02	14.70	121.10	3.41	190.24	1.64	120.92	.94	-1.00	14.54			
MAR CHIQUITA	B05	-37.75	302.58	-26.50	10.63	12.29	297.03	1.27	27.59	-36.48			
MAR DEL PLATA	B05	-38.00	302.00	-26.73	10.10	12.39	296.70	1.28	27.69	-36.58			
MARCUS	C06	24.17	153.59	15.59	220.29	-8.96	150.79	1.05	12.67	31.36			(5/1968)-
MARION IS	B01	-46.87	37.85	-49.09	94.76	55.22	12.32	2.67	52.27	-61.45			7/1957 ---
	D01	-46.85	37.87	-49.07	94.79	55.21	12.36	2.67	52.26	-61.46			6/1972 -
MARUYAMA	G01	35.02	139.97	24.87	205.34	-17.95	138.14	1.21	24.80	47.66			(7/1957)-(2/1954)
MATSUMOTO	F03	36.23	138.00	25.90	204.43	-19.02	136.37	1.24	26.18	49.49			8/1971 -
MAUI	B01	20.80	203.50	20.96	268.58	-21.34	195.29	1.14	20.55	39.06			3/1944 -
	B08	20.80	203.50	20.96	268.58	-21.34	195.29	1.14	20.55	39.06			11/1962 - 11/1965
	C06	20.80	203.50	20.96	268.58	-21.34	195.29	1.14	20.55	39.06			1/1974 -
	D02	21.71	203.74	21.89	268.61	-22.09	195.11	1.15	21.49	40.21			7/1957 -
MAUNA LOA	A06	19.51	204.42	19.88	269.77	-20.54	196.77	1.12	19.39	37.54			11/1965 -
	A07	19.51	204.42	19.88	269.77	-20.54	196.77	1.12	19.39	37.54			12/1965 -
MAWSON	B01	-67.60	62.90	-73.17	103.54	71.08	354.08	8.78	70.28	-68.92			2/1958 ---
	B08	-67.60	62.90	-73.17	103.54	71.08	354.08	8.78	70.28	-68.92			
	B09	-67.60	62.90	-73.17	103.54	71.08	354.08	8.78	70.28	-68.92			
	C09	-67.60	62.90	-73.17	103.54	71.08	354.08	8.78	70.28	-68.92			2/1958 ---
	D01	-67.60	62.88	-73.16	103.52	71.08	354.07	8.78	70.28	-68.92			7/1955 -
	D02	-67.60	62.88	-73.16	103.52	71.08	354.07	8.78	70.28	-68.92			1/1957 ---
	E01	-67.60	62.90	-73.17	103.54	71.08	354.08	8.78	70.28	-68.92			(7/1957)---
	E04	-67.60	62.88	-73.16	103.52	71.08	354.07	8.78	70.28	-68.92			10/1973 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
MAWSON	F01	-67.60	62.88	-73.16	103.52	71.08	354.07	8.78	70.28	-68.92	.19	0	4/1957 -
	F03	-67.60	62.88	-73.16	103.52	71.08	354.07	8.78	70.28	-68.92			5/1955 -
	G01 P	-67.60	62.90	-73.17	103.54	71.08	354.08	8.78	70.28	-68.92			/1975
MAYFIELD VILLAGE	C06	39.30	275.77	50.31	342.02	-63.41	255.90	2.57	51.44	70.11			1/1971---
MAYNARD	B01	42.43	288.55	53.89	357.52	-70.21	283.15	2.99	54.65	71.86			10/1970 -
	B04	42.43	288.55	53.89	357.52	-70.21	283.15	2.99	54.65	71.86			7/1964 -
	B07	42.43	288.55	53.89	357.52	-70.21	283.15	2.99	54.65	71.86			
MCMATH-HULBERT	A04	42.67	276.70	53.73	342.72	-67.06	254.67	3.02	54.89	72.84			2/1958 -
	A05	42.67	276.70	53.73	342.72	-67.06	254.67	3.02	54.89	72.84			1/1945 -
	B08	42.67	276.70	53.73	342.72	-67.06	254.67	3.02	54.89	72.84			
	C01	42.67	276.70	53.73	342.72	-67.06	254.67	3.02	54.89	72.84			2/1958 -
	C03	42.67	276.70	53.73	342.72	-67.06	254.67	3.02	54.89	72.84			(7/1957)-
	C06	42.67	276.70	53.73	342.72	-67.06	254.67	3.02	54.89	72.84			(1/1955)-
	D01	42.67	276.70	53.73	342.72	-67.06	254.67	3.02	54.89	72.84			
MCMURDO	B05	-77.50	165.00	-79.05	291.93	69.77	267.17	33.66	80.07	-82.07			
	B08	-77.85	166.70	-78.92	294.48	69.18	267.83	31.33	79.71	-81.76			2/1962 -
	C08	-77.85	166.70	-78.92	294.48	69.18	267.83	31.33	79.71	-81.76			2/1962 -
	C10	-77.85	166.70	-78.92	294.48	69.18	267.83	31.33	79.71	-81.76			NK
	D01	-77.85	166.70	-78.92	294.48	69.18	267.83	31.33	79.71	-81.76			
	D02	-77.85	166.70	-78.92	294.48	69.18	267.83	31.33	79.71	-81.76			
	E03	-77.85	166.70	-78.92	294.48	69.18	267.83	31.33	79.71	-81.76			
	F01	-77.85	166.72	-78.92	294.49	69.17	267.82	31.30	79.70	-81.76	0.00	48	5/1960 -
	F03	-77.85	166.72	-78.92	294.49	69.17	267.82	31.30	79.70	-81.76			3/1961 -
	G01	-77.85	166.70	-78.92	294.48	69.18	267.83	31.33	79.71	-81.76			2/1967 -
MCMURRAY	D02	56.70	248.70	64.22	302.66	-65.44	199.47	5.50	64.77	79.22			
MEANOOK	B01	54.60	246.70	61.88	301.66	-63.15	201.75	4.61	62.25	77.35			7/1957 - 1/1959
	B08	54.60	246.70	61.88	301.66	-63.15	201.75	4.61	62.25	77.35			3/1958 - 12/1959
	B12	54.62	246.67	61.89	301.62	-63.15	201.70	4.62	62.26	77.36			(5/1958)-(12/1958)
	D01	54.62	246.67	61.89	301.62	-63.15	201.70	4.62	62.26	77.36			1/1916 -
	D02	54.62	246.67	61.89	301.62	-63.15	201.70	4.62	62.26	77.36			
	E01	54.62	246.67	61.89	301.62	-63.15	201.70	4.62	62.26	77.36			(8-1957)-(11/1970)
	E03	54.62	246.67	61.89	301.62	-63.15	201.70	4.62	62.26	77.36			(8/1957)-(12/1959)
MEGURO	B01	35.60	139.70	25.42	206.03	-18.48	137.87	1.23	25.48	48.43			6/1934 - 12/1940
MELBOURNE	B08	-37.45	144.60	-46.61	220.35	55.50	153.48	2.21	47.77	-68.62			3/1957 -
	E01	-37.90	145.10	-46.99	221.03	55.90	154.49	2.25	48.23	-68.94			(7/1957)---(7/1958)
MELVILLE AFB	D01	53.28	299.47	64.56	12.49	-79.36	321.13	5.01	63.46	76.32			11/1966 -
MEMAMBETSU	D01	43.90	144.20	34.07	208.83	-26.24	140.68	1.49	34.99	57.05			7/1950 -
	D02	43.58	144.20	33.76	208.89	-25.95	140.73	1.48	34.64	56.72			(7/1957)-
	G01	43.58	144.20	33.76	208.89	-25.95	140.73	1.48	34.64	56.72			(8/1957)-
MEUDON	A02	48.48	2.14	50.84	84.91	-38.92	21.86	2.11	46.46	64.36			NK
	A05	48.48	2.14	50.84	84.91	-38.92	21.86	2.11	46.46	64.36			(7/1957)-(12/1957)
	A06	48.48	2.14	50.84	84.91	-38.92	21.86	2.11	46.46	64.36			(7/1957)-
	C01	48.48	2.14	50.84	84.91	-38.92	21.86	2.11	46.46	64.36			(7/1957)---
	F03	48.82	2.25	51.14	85.18	-39.46	22.34	2.13	46.77	64.65			2/1961 - 3/1964
MEXICO CITY	B01	19.40	260.30	29.18	327.05	-35.18	249.71	1.28	27.79	46.16			4/1958 -
	F01	19.33	260.82	29.17	327.62	-35.31	250.26	1.28	27.83	46.19	8.88	2774	7/1954 -
	F02	19.33	260.82	29.17	327.62	-35.31	250.26	1.28	27.83	46.19			7/1957 -
	F03	19.33	260.82	29.17	327.62	-35.31	250.26	1.28	27.83	46.19			4/1971 -
MIAHUATLAN MEX	B06	16.22	263.40	26.34	330.75	-32.80	254.39	1.22	25.14	42.49			3/1970 - 3/1970
MIDWAY	D01	28.22	182.63	24.18	246.80	-20.09	173.28	1.19	23.62	42.63			5/1964 - 1/1965

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
MIEDZESZYN	B01	52.20	21.20	50.62	105.00	-40.84	40.25	2.28	48.56	67.86			7/1958 -
MILLSTONE HILL	B01	42.60	288.50	54.06	357.45	-70.37	282.95	3.01	54.81	71.99			4/1963 ---
	B03	42.60	288.50	54.06	357.45	-70.37	282.95	3.01	54.81	71.99			(4/1960)-
	B12	42.60	288.50	54.06	357.45	-70.37	282.95	3.01	54.81	71.99			NK
MINA AGUILAR	F01	-23.10	294.30	-11.65	3.54	-2.41	293.42	1.10	17.55	-17.89	11.95	4000	7/1957 -
MINNEAPOLIS	D01	44.93	93.60	33.88	165.62	-26.54	97.00	1.57	37.13	64.32			
MINSK	D01	54.10	26.52	51.42	110.76	-42.52	46.79	2.44	50.18	69.40			1/1961 -
MIRNY	B01	-66.50	93.00	-77.00	147.73	81.37	14.27	20.75	77.32	-76.92			2/1957 -
	B07	-66.55	93.02	-77.05	147.71	81.39	13.88	20.88	77.36	-76.93			1/1965 -
	B08	-66.55	93.02	-77.05	147.71	81.39	13.88	20.88	77.36	-76.93			3/1961 -
	C09	-66.50	93.00	-77.00	147.73	81.37	14.27	20.75	77.32	-76.92			2/1957 -
	D01	-66.55	93.02	-77.05	147.71	81.39	13.88	20.88	77.36	-76.93			7/1956 -
	D02	-66.55	93.02	-77.05	147.71	81.39	13.88	20.88	77.36	-76.93			(8/1957)-(12/1958)
	E01	-66.55	93.02	-77.05	147.71	81.39	13.88	20.88	77.36	-76.93			(3/1957)---(10/1958)
	E03	-66.55	93.02	-77.05	147.71	81.39	13.88	20.88	77.36	-76.93			NK
	E04	-66.55	93.02	-77.05	147.71	81.39	13.88	20.88	77.36	-76.93			NK
	F01	-66.55	93.02	-77.05	147.71	81.39	13.88	20.88	77.36	-76.93	.04	30	4/1958 -
	F02	-66.55	93.02	-77.05	147.71	81.39	13.88	20.88	77.36	-76.93			7/1957 - 1/1967
	G01	-66.55	93.00	-77.05	147.67	81.38	13.87	20.86	77.35	-76.92			(3/1958)-(10/1958)
MISALLAT	D01	29.52	30.90	25.85	106.37	-10.88	33.10	1.14	20.82	42.84			1/1960 -
MISENO	B13	40.80	15.10	40.89	94.53	-24.82	24.08	1.53	35.94	57.17			2/1960 - 3/1963
MISSOULA	C06	47.00	246.00	54.43	304.69	-57.00	212.49	2.94	54.31	71.48			7/1971 -
MIYAZU	D01	35.32	135.11	24.77	201.95	-18.14	133.91	1.22	25.03	48.84			
	D02 P	35.32	135.11	24.77	201.95	-18.14	133.91	1.22	25.03	48.84			/1975
MIZUSAWA	D01	39.01	141.08	28.93	206.83	-21.65	138.75	1.32	29.46	52.28			1/1972 -
MOCA	D01	3.35	8.67	5.63	79.03	16.76	7.47	1.00	2.08	-16.54			10/1958 -
	D02	3.35	8.67	5.63	79.03	16.76	7.47	1.00	2.08	-16.54			(1/1964)---
MOISIE	B13	50.18	293.90	61.63	4.54	-77.65	298.55	4.37	61.43	75.85			7/1960 - 12/1953
MOLODEZHNAYA	B05	-67.57	45.87	-69.78	86.05	65.86	345.26	6.29	66.50	-65.65			
MONT BLANC TUNNE	F03	45.80	4.52	47.80	86.09	-33.89	20.50	1.89	43.33	61.95			9/1968 -
MONT JOLI	B13	48.60	291.80	60.07	1.68	-76.26	291.19	4.05	60.20	75.35			2/1958 -3/1960
MONTE CARLO	B09	43.70	7.50	45.19	88.18	-30.01	20.61	1.71	40.17	59.95			
MONTEVIDEO	B04	-35.00	304.00	-23.81	12.04	10.21	298.15	1.24	25.91	-34.29			9/1963 -
MOOSE RIVER	B11	51.00	279.00	62.16	344.37	-75.49	248.16	4.90	63.15	78.60			10/1963 -
MOOSONEE	B08	51.50	279.33	62.68	344.73	-76.03	247.54	5.07	63.64	78.89			9/1963 -
	E01	51.50	279.33	62.68	344.73	-76.03	247.54	5.07	63.64	78.89			1/1968 -
	G01 P	51.50	279.33	62.68	344.73	-76.03	247.54	5.07	63.64	78.89			/1974
MORIOKA	F01	39.70	141.13	29.62	206.78	-22.29	138.73	1.34	30.25	53.05	10.10	135	8/1970 -
MOSCOW	A03	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			(1/1964)-
	A06	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			(7/1957)---
	A08	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			(7/1957)---
	B01	55.50	37.30	50.82	120.86	-42.44	56.75	2.53	51.06	70.74			3/1944 ---
	B07	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			7/1957 - 12/1958
	B10	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			(6/1957)--- 12/1965
	B13	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			7/1957 - (12/1960)
	B14	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			(3/1958)- 12/1964
	C01	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			(7/1957)---
	C03	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			(7/1957)---
	D01	55.48	37.32	50.80	120.87	-42.41	56.74	2.53	51.04	70.73			7/1919 -
	F01	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72	2.37	200	7/1957 ---

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
MOSCOW	F02	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			1/1952 ---
	F03	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			6/1957 ---
MOSCOW UNIVERSITA	06	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			(7/1957)---
	C01	55.47	37.32	50.79	120.86	-42.40	56.73	2.53	51.03	70.72			(7/1957)---
	F03	55.73	37.63	50.98	121.25	-42.65	57.26	2.56	51.28	70.90			6/1957 -
MOSHIRI	B13	44.37	142.27	34.36	207.10	-26.60	139.11	1.51	35.50	57.87			11/1962 -
MOULD BAY	D01	76.30	240.60	79.25	256.41	-69.17	150.15	38.79	80.76	87.53			1/1962 -
	E01	76.30	240.60	79.25	256.41	-69.17	150.15	38.79	80.76	87.53			(10/1965)-(4/1966)
MOUNT KOBAU	E01	49.11	119.50	37.75	187.42	-30.72	120.07	1.78	41.37	66.84			(1/1967)-
MT ABU	G01	24.60	72.70	15.37	144.67	-5.89	74.34	1.02	7.71	34.44			(11/1957)---
MT NORIKJRA	A07	36.10	137.55	25.74	204.05	-18.89	135.99	1.24	26.01	49.41			(7/1957)---
	F01	36.12	137.55	25.76	204.05	-18.91	135.99	1.24	26.04	49.43	11.35	2770	11/1956 -
	F02	36.12	137.55	25.76	204.05	-18.91	135.99	1.24	26.04	49.43			8/1955 -
	F03	36.12	137.55	25.76	204.05	-18.91	135.99	1.24	26.04	49.43			12/1968 -
MT ST HILAIRE	D02	45.53	284.85	56.93	352.70	-72.52	270.93	3.52	57.81	74.54			
MT WASHINGTON	F01	44.30	288.70	55.77	357.67	-72.02	282.85	3.27	56.42	73.14	1.35	1900	7/1954 -
MT WELLINGTON	F01	-42.92	147.23	-51.64	224.85	60.64	161.43	2.84	53.61	-72.69	1.89	725	7/1956 -
MT WILSON	A01	34.14	241.97	41.22	304.42	-43.81	222.17	1.70	39.98	59.38			(1/1957)-
	A03	34.14	241.97	41.22	304.42	-43.81	222.17	1.70	39.98	59.38			(7/1957)-
	A06	34.14	241.97	41.22	304.42	-43.81	222.17	1.70	39.98	59.38			(7/1957)-(12/1958)
	C01	34.14	241.97	41.22	304.42	-43.81	222.17	1.70	39.98	59.38			(7/1957)-(12/1958)
	D01	34.14	241.97	41.22	304.42	-43.81	222.17	1.70	39.98	59.38			7/1926 - 6/1958
MUNDARING	B01	-31.99	116.31	-43.39	186.75	50.51	114.94	1.88	43.10	-66.32			4/1959 -
MUNICH	F01	48.20	11.60	48.69	94.07	-36.37	28.06	2.02	45.26	64.31	4.11	500	7/1957 --- 1/1970
MUNTINLUPA	D01	14.37	121.02	3.08	190.17	1.96	120.85	.94	-1.00	13.82			7/1888 ---
MUONIO	E01	67.95	23.67	64.72	118.62	-57.70	65.88	5.33	64.33	76.96			
MUOSTAKH	E01	71.60	130.10	60.55	192.42	-50.81	125.13	5.61	65.02	82.50			(2/1958)---(4/1960)
MURCHISON BAY	D01	80.05	18.25	75.16	137.61	-65.70	92.22	17.42	76.14	82.54			8/1957 - 7/1959
	E01	80.10	18.30	75.19	137.79	-65.71	92.33	17.51	76.18	82.56			(9/1957)-(3/1958)
	F01	80.05	18.25	75.16	137.61	-65.70	92.22	17.42	76.14	82.54	.06	0	8/1957 - 4/1959
	F03	80.05	18.25	75.16	137.61	-65.70	92.22	17.42	76.14	82.54			8/1957 - 4/1959
MURMANSK	B01	69.00	33.00	64.10	126.77	-56.55	72.28	5.51	64.78	77.74			3/1956 -
	B07	68.95	33.05	64.04	126.76	-56.50	72.25	5.49	64.73	77.72			1/1959 -
	B08	68.97	33.08	64.06	126.80	-56.51	72.28	5.50	64.75	77.73			6/1964 -
	B10	68.95	33.05	64.04	126.76	-56.50	72.25	5.49	64.73	77.72			11/1958 ---1/1966
	B14	68.97	33.08	64.06	126.80	-56.51	72.28	5.50	64.75	77.73			(5/1959)-(12/1966)
	D01	68.25	33.08	63.41	126.09	-55.90	70.84	5.22	64.04	77.39			7/1957 -
	E01	68.97	33.08	64.06	126.80	-56.51	72.28	5.50	64.75	77.73			(9/1957)---(12/1963)
	E03	68.97	33.08	64.06	126.80	-56.51	72.28	5.50	64.75	77.73			NK
	E04	68.97	33.08	64.06	126.80	-56.51	72.28	5.50	64.75	77.73			NK
	F01	68.25	33.08	63.41	126.09	-55.90	70.84	5.22	64.04	77.39	.50	0	12/1958 - 12/1961
MUSSALA	F01	42.18	25 58	40.17	104.98	-26.22	33.85	1.61	38.09	59.27	6.26	2925	3/1964 -
NAGOYA	F03	35.01	136.90	24.60	203.59	-17.88	135.49	1.21	24.70	48.14			10/1970 -
NAGYCENK	B09	47.63	16.72	47.13	98.71	-34.73	31.32	1.95	44.26	64.02			1/1967 -
	D01	47.63	16.72	47.13	98.71	-34.73	31.32	1.95	44.26	64.02			1/1961 -
	D02	47.63	16.72	47.13	98.71	-34.73	31.32	1.95	44.26	64.02			
NAINITAL	G01	29.40	79.45	19.43	151.52	-10.43	81.37	1.08	16.20	42.79			(1/1965)-
NAIROBI	B01	-1.28	36.83	-4.46	105.75	20.26	36.18	1.01	4.68	-26.73			3/1952 -
	B06	-1.28	36.83	-4.46	105.75	20.26	36.18	1.01	4.68	-26.73			(10/1964)-
	B10	-1.28	36.83	-4.46	105.75	20.26	36.18	1.01	4.68	-26.73			3/1965 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
NAIROBI	B11	-1.28	36.83	-4.46	105.75	20.26	36.18	1.01	4.68	-26.73			
	B12	-1.30	36.80	-4.47	105.71	20.28	36.15	1.01	4.75	-26.78			9/1959 ---
	D01	-1.28	36.83	-4.46	105.75	20.26	36.18	1.01	4.68	-26.73			2/1964 -
NANCAY	A10	44.40	2.20	46.92	83.19	-32.19	17.58	1.79	41.58	60.57			(7/1957)---
	C03	44.40	2.20	46.92	83.19	-32.19	17.58	1.79	41.58	60.57			(1/1958)-
NANKING	B01	32.10	119.00	20.74	187.67	-14.99	118.89	1.14	20.60	46.67			9/1947 - 1/1949
NANTUCKET ISLAND	C06	41.27	289.90	52.74	359.22	-69.16	287.38	2.82	53.44	70.79			(2/1969)-
NARSSARSSUAQ	B01	61.20	314.60	71.14	37.42	-78.45	18.63	7.06	67.90	77.34			9/1950 -
	B06	61.20	314.60	71.14	37.42	-78.45	18.63	7.06	67.90	77.34			
	B08	61.20	314.60	71.14	37.42	-78.45	18.63	7.06	67.90	77.34			11/1966 -
	B12	61.20	314.60	71.14	37.42	-78.45	18.63	7.06	67.90	77.34			8/1969 -
	B13	61.20	314.60	71.14	37.42	-78.45	18.63	7.06	67.90	77.34			1/1963 -(12/1964)
	C09	61.20	314.60	71.14	37.42	-78.45	18.63	7.06	67.90	77.34			12/1950 -
	D01	61.20	314.60	71.14	37.42	-78.45	18.63	7.06	67.90	77.34			1/1968 -
	E01	61.20	315.00	71.09	38.00	-78.40	19.28	7.01	67.81	77.27			
NARYAN MAR	E01	67.60	53.10	59.91	140.16	-51.85	80.31	4.72	62.59	78.28			(10/1958)-(4/1959)
NATAL	B01	-5.70	324.80	3.80	34.16	-5.70	324.80	1.06	13.28	-8.80			8/1957 -
	B05	-5.87	324.62	3.65	33.97	-5.87	324.62	1.06	13.34	-8.89			
	C06	-5.47	324.87	4.02	34.26	-5.47	324.87	1.05	13.20	-8.48			
NEDERHORST DEN	BA08	53.96	5.08	55.45	90.73	-46.95	31.27	2.61	51.72	68.71			(7/1957)-
	A10	52.23	5.08	53.82	89.74	-44.26	28.69	2.41	49.93	67.43			NK
	B10	52.23	5.08	53.82	89.74	-44.26	28.69	2.41	49.93	67.43			7/1957 - 12/1958
	C01	52.23	5.08	53.82	89.74	-44.26	28.69	2.41	49.93	67.43			(8/1957)---
	C03	52.23	5.08	53.82	89.74	-44.26	28.69	2.41	49.93	67.43			(7/1957)-
	C04	52.23	5.08	53.82	89.74	-44.26	28.69	2.41	49.93	67.43			NK
	C06	52.23	5.08	53.82	89.74	-44.26	28.69	2.41	49.93	67.43			NK
	F01	52.23	5.08	53.82	89.74	-44.26	28.69	2.41	49.93	67.43	2.72	0	2/1959 - 1/1965
NELC	C06	33.00	243.00	40.27	305.83	-43.11	224.04	1.65	38.98	58.47			NK
NEUSTRELITZ	A08	53.28	13.08	53.22	98.01	-43.93	35.68	2.45	50.27	68.37			1/1960 -
	B08	53.28	13.08	53.22	98.01	-43.93	35.68	2.45	50.27	68.37			2/1959 -
	B09	53.28	13.08	53.22	98.01	-43.93	35.68	2.45	50.27	68.37			1/1964 -
	B13	53.28	13.08	53.22	98.01	-43.93	35.68	2.45	50.27	68.37			6/1958 -
	C03	53.28	13.08	53.22	98.01	-43.93	35.68	2.45	50.27	68.37			1/1960 -
	C06	53.28	13.08	53.22	98.01	-43.93	35.68	2.45	50.27	68.37			(7/1957)-
NEW ORLEANS	C06	29.00	270.00	39.65	336.53	-50.16	254.43	1.71	40.02	59.71			NK
NEWCASTLE	D02	-32.75	151.50	-41.03	226.97	49.52	161.08	1.79	41.66	-63.35			
NEWPORT	D01	48.26	243.01	55.15	300.76	-56.75	208.38	3.03	54.96	71.80			3/1966 -
	D02	48.26	243.01	55.15	300.76	-56.75	208.38	3.03	54.96	71.80			
NGOYA	D02	-28.83	31.88	-30.46	94.86	43.93	21.80	1.67	39.21	-63.78			NK
NICOSIA	B14	35.17	33.28	31.91	110.08	-17.50	37.15	1.29	28.44	51.38			(7/1957)-(11/1957)
NIEMEGK	D01	52.07	12.68	52.16	96.99	-42.24	33.74	2.33	49.06	67.47			7/1890 -
	D02	52.07	12.68	52.16	96.99	-42.24	33.74	2.33	49.06	67.47			
NIIGATA	G01	37.70	138.92	27.43	204.99	-20.39	136.97	1.28	27.92	51.14			(7/1957)-
NITSANIM	D01	31.73	34.60	28.31	110.43	-13.59	37.25	1.20	23.89	46.54			1/1963 -
NOBEYAMA	G01 P	35.93	138.49	25.65	204.91	-18.75	136.81	1.23	25.83	49.04			/1975
NOORD OOST POLD	D02	52.72	5.65	54.17	90.57	-44.92	29.82	2.46	50.38	67.81			
NORD	B06	81.67	343.33	80.79	133.88	-70.34	100.83	38.13	80.68	83.62			
	B13	81.67	343.33	80.79	133.88	-70.34	100.83	38.13	80.68	83.62			1/1964 -
	E01	81.67	343.33	80.79	133.88	-70.34	100.83	38.13	80.68	83.62			(9/1957)---(12/1965)
NORDDEICH	B09	53.65	7.20	54.74	92.61	-45.90	32.19	2.55	51.19	68.51			

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
NORFOLK IS	B01	-29.00	168.00	-34.66	243.70	40.47	181.10	1.49	35.00	-56.46			2/1964 -
NORILSK	B01	69.40	88.10	58.50	165.11	-49.85	101.49	5.06	63.61	82.75			1/1968 -
	B08	69.40	88.10	58.50	165.11	-49.85	101.49	5.06	63.61	82.75			3/1964 -
	E01	69.40	88.10	58.50	165.11	-49.85	101.49	5.06	63.61	82.75			1/1969 -
	F01	69.26	88.05	58.37	165.04	-49.73	101.39	5.01	63.48	82.68	.60	0	1/1971 -
NORTH LIBERTY	A08	41.32	273.74	52.19	339.27	-64.51	250.78	2.80	53.29	71.63			7/1957 - 3/1970
NORTHFIELD	F01	44.47	266.75	54.73	330.11	-64.25	236.86	3.14	55.65	73.40	1.43	287	9/1957 - 8/1959
NORTHWAY	B11	62.97	218.05	64.18	264.32	-57.60	173.03	5.19	63.97	76.66			10/1963 -
	D01	62.97	218.05	64.18	264.32	-57.60	173.03	5.19	63.97	76.66			7/1957 - 12/1958
	E01	63.00	218.00	64.20	264.24	-57.61	172.96	5.20	63.99	76.67			(3/1958)---(4/1959)
NORWAY HOUSE	D01	53.98	262.17	63.58	321.11	-69.73	214.91	5.44	64.60	79.75			
	G01	53.98	262.17	63.58	321.11	-69.73	214.91	5.44	64.60	79.75			
NORWAY STATION	D01	-70.50	357.47	-63.87	44.22	53.47	316.32	4.00	60.00	-62.63			1/1961 - 2/1962
NORWICH	B13	43.70	287.67	55.15	356.38	-71.33	280.09	3.18	55.92	72.89			8/1957 - 1/1965
NOVOKAZALINSK	B01	45.77	62.12	37.60	138.82	-28.92	70.22	1.68	39.54	64.35			3/1964 -
	D01	45.77	62.12	37.60	138.82	-28.92	70.22	1.68	39.54	64.35			7/1965 -
NOVOLAZARREVSKAY	D01	-70.77	11.82	-66.27	53.98	57.30	322.60	4.64	62.33	-63.53			1/1960 -
	D02	-70.77	11.82	-66.27	53.98	57.30	322.60	4.64	62.33	-63.53			
	E01	-70.77	11.82	-66.27	53.98	57.30	322.60	4.64	62.33	-63.53			(4/1965)-(10/1965)
NOVOSIBIRSK	B01	55.02	82.54	44.61	157.79	-36.93	91.12	2.33	49.05	73.40			1/1959 -
	F01	54.80	83.00	44.36	158.12	-36.69	91.36	2.30	48.80	73.25	2.80	0	(4/1973)-
NOWY SACZ	A02	49.38	20.42	48.08	102.95	-36.88	36.19	2.05	45.71	65.65			(10/1957)-(12/1959)
NOYEKOV (SHIP)	B05	COORDINATES VARIABLE											
NURMIJARVI	B01	60.50	24.60	57.78	112.89	-50.44	54.19	3.34	56.83	73.22			1/1957 -
	B08	60.52	24.65	57.79	112.95	-50.45	54.25	3.34	56.84	73.23			(1/1967)-
	D01	60.52	24.65	57.79	112.95	-50.45	54.25	3.34	56.84	73.23			1/1953 -
	D02	60.52	24.65	57.79	112.95	-50.45	54.25	3.34	56.84	73.23			(7/1957)-
NY-ALESUND	B08	79.00	12.00	75.39	131.60	-66.45	90.81	16.45	75.73	81.97			
	C08	78.92	11.95	75.34	131.33	-66.36	88.41	16.30	75.66	81.93			9/1972 -
	D01	78.92	11.95	75.34	131.33	-66.36	88.41	16.30	75.66	81.93			
	E01	78.92	11.95	75.34	131.33	-66.36	88.41	16.30	75.66	81.93			(1/1969)-
	E03	79.00	12.00	75.39	131.60	-66.45	90.81	16.45	75.73	81.97			
O DAY	E01	57.60	265.80	67.56	324.04	-73.91	210.26	7.53	68.64	82.47			(10/1957)-(4/1958)
O HIGGINS	E01	-63.30	302.10	-52.00	8.42	35.97	295.09	2.23	47.96	-56.04			(4/1957)-(7/1958)
OAKLAND	C06	37.78	237.80	44.07	298.90	-45.59	215.29	1.87	42.96	61.90			4/1959 --- 9/1953
OAMARU	D02	-44.99	170.97	-49.66	251.88	54.81	197.33	2.59	51.61	-70.02			
OASIS	D01	-66.30	100.72	-77.46	161.61	84.30	21.70	27.65	79.04	-79.24			7/1957 - 11/1958
	E01	-66.30	100.80	-77.47	161.76	84.33	21.72	27.74	79.05	-79.26			(7/1957)-(11/1957)
OBACHI	B05	40.70	141.73	30.67	207.17	-23.23	139.12	1.37	31.40	54.07			
ODESSA	D01	46.78	30.88	43.61	111.51	-32.30	42.43	1.83	42.33	63.96			1/1896 ---
	D02	46.78	30.88	43.61	111.51	-32.30	42.43	1.83	42.33	63.96			
OGASAWARA	A14 P	27.15	142.30	17.26	209.38	-10.72	140.68	1.07	14.97	36.36			/1976
	D01	27.15	142.30	17.26	209.38	-10.72	140.68	1.07	14.97	36.36			
	D02	27.15	142.30	17.26	209.38	-10.72	140.68	1.07	14.97	36.36			
OHIRA	B14	35.60	140.50	25.49	206.74	-18.50	138.55	1.23	25.50	48.30			6/1957 - 4/1970
OKINAWA	B01	26.30	127.80	15.30	196.02	-9.64	127.36	1.05	12.21	36.58			4/1946 -
	B04	26.30	127.80	15.30	196.02	-9.64	127.36	1.05	12.21	36.58			2/1964 -
	B09	26.30	127.80	15.30	196.02	-9.64	127.36	1.05	12.21	36.58			
	B12	26.50	128.00	15.52	196.19	-9.84	127.55	1.05	12.56	36.89			(1/1958)-(4/1958)
	C06	26.50	128.00	15.52	196.19	-9.84	127.55	1.05	12.56	36.89			(7/1957)-

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
OKINAWA	D01 P	24.75	125.33	13.63	193.81	-8.16	124.98	1.02	8.94	34.17			/1977
	D02 P	24.75	125.33	13.63	193.81	-8.16	124.98	1.02	8.94	34.17			/1978
OLENEK	E01	68.50	112.50	57.03	181.33	-48.18	115.53	4.60	62.22	82.57			(11/1957)---
ONAGAWA	D01	38.43	141.47	28.39	207.25	-21.13	139.13	1.30	28.81	51.54			
	D02	38.26	142.28	28.30	207.99	-21.00	139.81	1.30	28.63	51.21			(7/1957)-(12/1958)
ONDREJOV	A02	49.92	14.78	49.70	97.91	-38.51	32.44	2.13	46.69	65.86			(7/1957)-(12/1959)
	A06	49.92	14.78	49.70	97.91	-38.51	32.44	2.13	46.69	65.86			(7/1957)-(/1959)
	A08	49.92	14.78	49.70	97.91	-38.51	32.44	2.13	46.69	65.86			(10/1958)-
	B08	49.92	14.78	49.70	97.91	-38.51	32.44	2.13	46.69	65.86			
	B14	49.92	14.78	49.70	97.91	-38.51	32.44	2.13	46.69	65.86			
	C01	49.92	14.78	49.70	97.91	-38.51	32.44	2.13	46.69	65.86			(7/1957)-
	C02	49.92	14.78	49.70	97.91	-38.51	32.44	2.13	46.69	65.86			
	C03	49.92	14.78	49.70	97.91	-38.51	32.44	2.13	46.69	65.86			(10/1957)-
	C04	49.92	14.78	49.70	97.91	-38.51	32.44	2.13	46.69	65.86			
	C06	49.92	14.78	49.70	97.91	-38.51	32.44	2.13	46.69	65.86			(2/1964)---(5/1965)
	D02	49.92	14.78	49.70	97.91	-38.51	32.44	2.13	46.69	65.86			
	G01	49.92	14.78	49.70	97.91	-38.51	32.44	2.13	46.69	65.86			(7/1957)-(12/1959)
ONSALA	C03	57.40	11.92	57.32	99.43	-49.88	41.15	2.98	54.62	71.11			(7/1957)-(3/1959)
OOTACAMUND	A14	11.25	76.43	1.70	146.63	7.84	76.58	.92	-1.00	4.11			/1973 -
ORCADAS	D01	-61.00	315.22	-50.31	18.49	35.93	300.40	2.16	47.07	-54.81			NK
ORLANDO	B04	28.55	272.67	39.40	339.60	-50.88	258.11	1.70	40.02	59.65			3/1968 - 2/1970
ORMOND BEACH	C06	29.17	278.98	40.38	346.73	-54.28	267.14	1.79	41.56	60.98			3/1973 -
ORRORAL	B02	-35.62	148.95	-44.22	224.82	52.95	158.90	2.01	45.20	-66.41			11/1965 -
OSHKOSH	C06	44.01	271.67	54.71	336.27	-66.12	244.56	3.16	55.80	73.59			7/1958 -
OTTAWA	A05	45.40	286.42	56.83	354.72	-72.75	275.41	3.49	57.61	74.25			(7/1957)---(/1965)
	A08	45.40	286.42	56.83	354.72	-72.75	275.41	3.49	57.61	74.25			2/1947 -
	A10	45.40	286.42	56.83	354.72	-72.75	275.41	3.49	57.61	74.25			6/1966 -
	B01	45.40	284.10	56.78	351.75	-72.21	268.96	3.50	57.71	74.53			1/1942 -
	B02	45.35	284.12	56.73	351.78	-72.17	269.05	3.49	57.66	74.49			9/1962 -
	B04	45.40	284.10	56.78	351.75	-72.21	268.96	3.50	57.71	74.53			10/1959 -
	B07	45.40	284.30	56.79	352.00	-72.27	269.51	3.50	57.70	74.51			7/1957 - 12/1958
	B08	45.40	284.30	56.79	352.00	-72.27	269.51	3.50	57.70	74.51			2/1956 -
	B10	45.40	284.10	56.78	351.75	-72.21	268.96	3.50	57.71	74.53			8/1957 - 10/1957
	B13	45.40	284.10	56.78	351.75	-72.21	268.96	3.50	57.71	74.53			7/1957 - 12/1958
	C01	45.40	286.42	56.83	354.72	-72.75	275.41	3.49	57.61	74.25			(7/1957)-(6/1965)
	C03	45.40	286.42	56.83	354.72	-72.75	275.41	3.49	57.61	74.25			(7/1957)-
	D01	45.40	284.40	56.79	352.13	-72.29	269.78	3.50	57.70	74.50			7/1968 -
	D02	45.20	284.50	56.59	352.27	-72.13	270.21	3.46	57.50	74.35			
	E01	45.20	284.50	56.59	352.27	-72.13	270.21	3.46	57.50	74.35			(7/1957)-1/1970
	E04	45.20	284.50	56.59	352.27	-72.13	270.21	3.46	57.50	74.35			(7/1957)-
	F01	45.40	284.40	56.79	352.13	-72.29	269.78	3.50	57.70	74.50	1.19	57	4/1954 -
	F03	45.40	284.40	56.79	352.13	-72.29	269.78	3.50	57.70	74.50			12/1954 - 10/1971
OUAGADOUGOU	B01	12.40	358.50	16.46	70.74	7.48	359.13	.99	-1.00	5.85			5/1966 -
	B02	13.42	358.50	17.46	70.95	6.46	359.39	1.00	-1.00	8.29			6/1965 -
OULU	B06	65.08	25.87	61.76	117.55	-54.70	62.08	4.35	61.34	75.63			1/1967 - 12/1968
	B08	65.08	25.87	61.76	117.55	-54.70	62.08	4.35	61.34	75.63			(10/1967)-
	B11	65.08	25.87	61.76	117.55	-54.70	62.08	4.35	61.34	75.63			NK
	B13	65.08	25.87	61.76	117.55	-54.70	62.08	4.35	61.34	75.63			
	D02	65.08	25.87	61.76	117.55	-54.70	62.08	4.35	61.34	75.63			
	E01	65.08	25.87	61.76	117.55	-54.70	62.08	4.35	61.34	75.63			(1/1968)-

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
OULU	F01	65.02	25.50	61.77	117.19	-54.74	61.80	4.34	61.30	75.59	.84	15	5/1964 -
	F03	65.02	25.50	61.77	117.19	-54.74	61.80	4.34	61.30	75.59			4/1964 ---
PAEONIAN SPGS	C06	38.00	282.00	49.32	349.67	-64.47	268.81	2.47	50.51	69.12			5/1972 ---
PALAU	B01	7.30	134.50	-3.20	203.80	9.16	134.55	.94	-1.00	-1.68			7/1939 - 6/1945
PALEHUA	A01	20.71	203.70	20.91	268.80	-21.31	195.53	1.14	20.49	38.98			NK
	A06	20.71	203.70	20.91	268.80	-21.31	195.53	1.14	20.49	38.98			
	C01	20.71	203.70	20.91	268.80	-21.31	195.53	1.14	20.49	38.98			(1959 ---
	C03	20.71	203.70	20.91	268.80	-21.31	195.53	1.14	20.49	38.98			
PALMYRA ISLAND	B01	5.90	197.90	5.26	266.25	-7.99	195.51	.99	-1.00	14.59			11/1946 - 11/1949
	D01	5.88	197.82	5.22	266.17	-7.96	195.43	.99	-1.00	14.53			10/1957 - 8/1958
PALO ALTO	B06	37.50	242.00	44.52	303.52	-46.96	219.23	1.90	43.53	62.53			(1/1964)-
PANAGYURISHTE	D01	42.52	24.18	40.77	103.78	-26.74	32.86	1.63	38.48	59.54			1/1948 -
PANAMA	B01	9.40	280.10	20.67	349.00	-32.75	275.26	1.18	22.97	36.51			6/1951 - 12/1958
	B12	9.40	280.10	20.67	349.00	-32.75	275.26	1.18	22.97	36.51			4/1958 - 11/1958
	B12	9.40	280.10	20.67	349.00	-32.75	275.26	1.18	22.97	36.51			(8/1957)-(11/1958)
	B14	9.00	280.50	20.29	349.43	-32.49	275.87	1.18	22.73	35.98			1/1958 - 2/1967
PANSKA VES	B09	50.53	14.57	50.32	98.00	-39.50	33.07	2.18	47.33	66.34			1/1961 -
	B14	50.52	14.57	50.31	98.00	-39.48	33.05	2.18	47.32	66.34			(6/1957)-
	C06	50.53	14.57	50.32	98.00	-39.50	33.07	2.18	47.33	66.34			(3/1953)---
	F01	50.08	14.42	49.93	97.64	-38.85	32.43	2.14	46.88	65.98	3.52	215	2/1959 - 9/1962
	F03	50.08	14.42	49.93	97.64	-38.85	32.43	2.14	46.88	65.98			1/1958 - 12/1961
PARAKOU	D02	9.35	2.62	12.58	74.24	8.60	2.70	.99	-1.00	-1.74			
PARAMARIBO	B01	5.80	304.80	16.91	14.85	-25.89	312.12	1.17	22.20	28.44			7/1957 -
	B10	5.80	304.80	16.91	14.85	-25.89	312.12	1.17	22.20	28.44			1/1971 -
	C03	5.80	304.80	16.91	14.85	-25.89	312.12	1.17	22.20	28.44			(7/1957)-(5/1967)
	C06	5.80	304.80	16.91	14.85	-25.89	312.12	1.17	22.20	28.44			(1/1960)---(12/1966)
	D01	5.82	304.78	16.93	14.83	-25.93	312.11	1.17	22.22	28.48			7/1957 -
	D02	5.82	304.78	16.93	14.83	-25.93	312.11	1.17	22.22	28.48			
PARAMUSHIRO	B01	50.10	155.30	41.40	217.03	-32.66	147.44	1.81	41.99	61.54			11/1943 - 10/1944
PARATUNKA	E03	52.58	158.14	44.18	218.74	-35.20	148.56	1.98	44.77	63.56			
PARIS-SACLAY	B01	48.10	2.30	50.44	84.89	-38.25	21.52	2.08	46.08	64.03			6/1960 - 12/1970
PATRAS	B09	38.23	23.81	36.69	102.03	-21.05	29.82	1.40	32.43	54.70			
	C06	38.23	23.81	36.69	102.03	-21.05	29.82	1.40	32.43	54.70			
PATRICK AFB	B01	28.20	279.40	39.43	347.28	-53.41	268.21	1.74	40.64	60.02			
PAXSON	B08	63.04	214.50	63.54	260.96	-56.50	171.49	4.95	63.28	76.04			3/1967 -
PEARCE	B14	-31.70	116.00	-43.11	186.38	50.20	114.61	1.85	42.76	-66.05			2/1954 - 8/1957
PEIPING	B01	39.90	116.40	28.48	185.12	-22.21	116.82	1.35	30.63	57.38			4/1946 - 12/1948
PELLY BAY	D01 P	68.53	270.49	78.64	320.45	-78.52	167.37	28.79	79.26	87.61			/1975
PENANG	B01	5.50	100.40	-5.79	169.87	5.44	100.40	.92	-1.00	-8.97			2/1944 - 6/1945
PENN STATE U	A08	40.52	282.13	51.84	349.65	-66.99	267.65	2.76	52.98	71.12			(1/1965)-
	B06	40.82	282.13	52.14	349.62	-67.28	267.49	2.80	53.27	71.35			(10/1964)-
	B07	40.82	282.13	52.14	349.62	-67.28	267.49	2.80	53.27	71.35			7/1957 - 1/1960
	C03	41.00	282.00	52.32	349.45	-67.41	267.09	2.82	53.45	71.50			1/1965 -
PENTICTON	A08	48.30	240.40	54.74	297.82	-55.65	206.29	2.95	54.40	71.24			9/1964 -
	C03	49.30	240.40	55.70	297.35	-55.46	204.99	3.11	55.44	72.02			8/1964 -
PERTH	G01	-31.56	115.50	-42.98	185.79	50.05	114.03	1.85	42.61	-65.95			
PESHAWAR	B01	34.00	71.50	24.83	144.88	-15.74	74.83	1.20	24.19	50.43			8/1945 - 5/1947
PETROPAV_OVSK	B01	53.02	158.65	44.67	219.03	-35.66	148.74	2.02	45.26	63.91			
	D01	53.10	158.63	44.74	218.99	-35.73	148.70	2.02	45.34	63.99			

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
PETROPAVLOVSK	D02	53.10	158.63	44.74	218.99	-35.73	148.70	2.02	45.34	63.99			8/1957 -
PIC DU MIDI	A07	43.00	.10	45.98	80.51	-30.50	14.94	1.70	39.93	59.14			7/1957 ---
	A07	43.00	.10	45.98	80.51	-30.50	14.94	1.70	39.93	59.14			(7/1957)-
	F01	42.93	.25	45.89	80.64	-30.35	14.98	1.70	39.82	59.07	5.46	2860	11/1964 -
	F03	42.93	.25	45.89	80.64	-30.35	14.98	1.70	39.82	59.07			12/1957 - 12/1965
PILAR	D01	-31.67	296.12	-20.25	5.07	5.71	294.04	1.18	22.72	-29.43			1/1905 -
PIONERSKAYA	D01	-69.73	95.50	-80.36	147.56	82.05	348.02	33.06	79.98	-77.32			7/1957 - 12/1958
PIRKULI	C03	40.80	48.60	34.72	125.65	-24.30	55.04	1.48	34.70	58.87			(12/1959)-(2/1962)
PITCAIRN	B01	-25.00	230.00	-19.00	303.44	16.48	237.71	1.14	20.62	-37.84			10/1944 - 12/1945
PITTSBURG	C06	40.50	279.78	51.73	346.76	-66.17	262.52	2.75	52.90	71.18			(2/1958)---
PLAISANCE	D01	-20.43	57.67	-27.04	123.00	37.45	52.81	1.34	30.35	-55.23			1/1895 -
PLATEAU	D01	-79.25	40.50	-77.29	52.82	65.51	316.74	9.88	71.45	-69.42			2/1966 - 11/1968
	D02	-79.47	40.58	-77.42	52.00	65.52	316.33	9.98	71.55	-69.51			
	E01	-79.25	40.50	-77.29	52.82	65.51	316.74	9.88	71.45	-69.42			1/1966 - 1/1969
PLEASANT UNITY	C06	41.00	280.00	52.24	346.99	-66.73	262.68	2.81	53.40	71.57			7/1971 -
PLESETSK	B05	65.70	40.35	59.93	129.40	-52.29	71.10	4.30	61.19	76.50			
PLUM IS	B12	43.00	289.00	54.47	358.07	-70.80	284.25	3.06	55.16	72.19			1/1964 - 12/1965
POCATELLO	E01	42.80	247.60	50.60	308.06	-54.07	218.86	2.45	50.28	68.38			(7/1957)-(6/1963)
POINT ARGUELLO	B01	35.60	239.40	42.22	301.26	-44.21	218.63	1.76	41.01	60.24			7/1963 -
	B05	34.62	239.42	41.27	301.55	-43.31	219.48	1.70	39.99	59.32			
POINT MUGU	B05	34.12	240.88	41.02	303.26	-43.38	221.20	1.69	39.75	59.14			
POITIERS	B01	46.60	.30	49.40	82.20	-36.28	18.55	2.00	45.05	62.67			7/1948 -
	B13	46.60	.30	49.40	82.20	-36.28	18.55	2.00	45.05	62.67			7/1957 -
	C06	46.57	.35	49.37	82.24	-36.22	18.55	2.01	45.11	62.65			(9/1968)-
POMPTON PLAINS	C06	41.00	286.00	52.43	354.39	-68.45	276.79	2.81	53.41	71.17			5/1972 -
POONA	G01	18.52	73.87	9.21	145.00	.39	74.76	.95	-1.00	21.62			1/1958 ---
POPAYAN	B01	2.45	283.38	13.83	352.64	-26.54	280.98	1.11	18.36	26.07			5/1970 -
PORT CLARENCE	C06	65.15	193.47	61.52	241.01	-52.37	159.82	4.42	61.58	74.64			(2/1969)---
PORT LOCKROY	B01	-64.80	296.50	-53.37	4.26	37.03	292.97	2.34	49.20	-57.45			5/1948 - 12/1951
	B07	-64.80	296.50	-53.37	4.26	37.03	292.97	2.34	49.20	-57.45			
PORT MORESBY	B01	-9.40	147.10	-18.52	218.31	25.22	149.44	1.06	13.43	-33.08			5/1961 - 10/1972
	D01	-9.40	147.15	-18.52	218.36	25.21	149.50	1.06	13.43	-33.07			7/1957 -
	D02	-9.40	147.15	-18.52	218.36	25.21	149.50	1.06	13.43	-33.07			10/1959 -
PORT STANLEY	B01	-51.70	302.20	-40.42	9.48	24.89	295.62	1.61	38.04	-47.33			12/1945 -
	B06	-51.70	302.20	-40.42	9.48	24.89	295.62	1.61	38.04	-47.33			9/1962 -
	B07	-51.70	302.20	-40.42	9.48	24.89	295.62	1.61	38.04	-47.33			7/1957 - 12/1959
	B14	-51.70	302.15	-40.42	9.44	24.88	295.60	1.61	38.03	-47.33			(7/1957)-(11/1957)
PORTAGELAPRAIRIE	B01	49.90	261.70	59.53	322.23	-66.52	222.84	4.10	60.41	76.80			9/1946 - 7/1948
POTCHEFSTROOM	F01	-26.70	27.10	-27.43	90.70	42.25	17.60	1.59	37.42	-63.78	7.04	1350	5/1971 -
	F04	-26.70	27.10	-27.43	90.70	42.25	17.60	1.59	37.42	-63.78			NK
POTSDAM	A02	52.55	13.07	52.53	97.61	-42.87	34.67	2.37	49.52	67.84			(7/1957)-(12/1959)
	A03	52.55	13.07	52.53	97.61	-42.87	34.67	2.37	49.52	67.84			
	A08	52.55	13.07	52.53	97.61	-42.87	34.67	2.37	49.52	67.84			(7/1957)-
	C03	52.55	13.07	52.53	97.61	-42.87	34.67	2.37	49.52	67.84			(7/1957)-
POWELL	C06	40.06	277.00	51.15	343.42	-64.66	257.54	2.67	52.30	70.79			1/1958 - 9/1958
PREDIGTSTUHL	F01	47.70	12.88	47.96	95.08	-35.38	28.46	1.98	44.67	63.92	4.28	1614	1/1969 -
	F03	47.70	12.88	47.96	95.08	-35.38	28.46	1.98	44.67	63.92			11/1966 -
PREOBRAZHENIE	E01	74.70	112.90	63.23	181.39	-53.41	116.46	7.27	68.22	85.70			(3/1958)-(3/1958)
PRESQUE ISLE	E01	46.58	291.98	58.05	1.88	-74.30	292.39	3.61	58.27	74.03			(5/1964)-(5/1965)

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
PRESTON	A01	53.77	357.30	56.81	82.86	-49.13	26.12	2.69	52.40	68.59			NK
	C06	53.77	357.30	56.81	82.86	-49.13	26.12	2.69	52.40	68.59			(5/1957)-
PRETORIA	B02	-25.80	28.30	-26.79	92.10	41.69	19.56	1.55	36.68	-63.26			(9/1970)-
	B09	-25.68	28.18	-26.65	92.01	41.60	19.49	1.55	36.57	-63.22			
	B14	-25.80	28.30	-26.79	92.10	41.69	19.56	1.55	36.68	-63.26			2/1958 -
	C06	-25.68	28.18	-26.65	92.01	41.60	19.49	1.55	36.57	-63.22			
PRICE	D01	39.62	249.22	47.73	310.88	-51.86	223.71	2.17	47.26	65.98			7/1957 - 1/1959
PRIMROSE LAKE	B05	54.75	249.95	62.56	305.44	-54.71	204.02	4.88	63.10	78.14			
PRINCE ALBERT	B02	53.22	254.07	61.73	311.30	-65.50	209.96	4.66	62.39	77.88			9/1962 - 8/1963
	B03	53.22	254.07	61.73	311.30	-65.50	209.96	4.66	62.39	77.88			(2/1964)-
	B08	53.20	254.30	61.74	311.60	-65.59	210.20	4.66	62.42	77.91			1/1963 - 6/1967
	B01	54.30	229.70	58.48	282.96	-55.85	190.95	3.56	58.01	73.24			6/1945 - 6/1954
PROFESSOR VISE	B05	COORDINATES VARIABLE											
PROSPECT HILL	A09	42.38	288.75	53.85	357.77	-70.18	283.75	2.98	54.58	71.79			1/1967 - 3/1974
PROVIDENYA	B01	64.40	186.60	59.67	236.15	-50.23	157.55	3.96	59.85	73.52			3/1957 -
PRUHONICE	B01	50.00	14.60	49.81	97.77	-38.66	32.40	2.13	46.78	65.92			4/1958 -
	B09	49.98	14.55	49.80	97.72	-38.64	32.33	2.13	46.77	65.90			(5/1964)-
	B13	49.99	14.55	49.81	97.72	-38.65	32.35	2.13	46.78	65.91			5/1958 - 2/1960
	B14	49.94	14.55	49.77	97.70	-38.57	32.29	2.13	46.73	65.87			7/1957 - 1/1961
	D01	49.98	14.55	49.80	97.72	-38.64	32.33	2.13	46.77	65.90			1/1946 -
PUERTO RICO	A01	18.12	293.85	29.57	3.63	-45.11	297.38	1.40	32.43	48.40			NK
	B01	18.50	292.80	29.96	2.49	-45.71	295.23	1.41	32.73	49.00			2/1941 --- 6/1953
	B04	18.50	292.80	29.96	2.49	-45.71	295.23	1.41	32.73	49.00			9/1963 -
	B08	18.50	292.80	29.96	2.49	-45.71	295.23	1.41	32.73	49.00			1/1959 - 12/1959
	B09	18.50	292.80	29.96	2.49	-45.71	295.23	1.41	32.73	49.00			NK
	B10	18.50	292.80	29.96	2.49	-45.71	295.23	1.41	32.73	49.00			3/1954 - 8/1960
	B12	18.50	292.80	29.96	2.49	-45.71	295.23	1.41	32.73	49.00			(12/1969)-
	C01	18.12	293.85	29.57	3.63	-45.11	297.38	1.40	32.43	48.40			(1/1969-
	C06	18.12	293.85	29.57	3.63	-45.11	297.38	1.40	32.43	48.40			NK
	D01	18.12	293.85	29.57	3.63	-45.11	297.38	1.40	32.43	48.40			1/1903 -
	D02	18.12	293.85	29.57	3.63	-45.11	297.38	1.40	32.43	48.40			8/1956 -
PUKA PUKA	B05	15.00	221.00	18.71	287.17	-19.93	214.74	1.09	16.76	33.11			
PULKOVO	A03	59.77	30.32	56.07	117.27	-48.43	56.88	3.16	55.75	73.00			(2/1964) ---
	C02	59.77	30.32	56.07	117.27	-48.43	56.88	3.16	55.75	73.00			
	C03	59.77	30.32	56.07	117.27	-48.43	56.88	3.16	55.75	73.00			(9/1957)-(1/1958)
PULLMAN	B04	46.72	242.83	53.63	301.22	-55.40	210.18	2.80	53.32	70.55			3/1964 -
	B08	46.72	242.83	53.63	301.22	-55.40	210.18	2.80	53.32	70.55			1/1958 -(12/1959)
	B12	46.72	242.83	53.63	301.22	-55.40	210.18	2.80	53.32	70.55			10/1957 - (12/1958)
	C03	46.72	242.83	53.63	301.22	-55.40	210.18	2.80	53.32	70.55			12/1965 --- 5/1969
	E01	46.72	242.83	53.63	301.22	-55.40	210.18	2.80	53.32	70.55			(8/1957)-(11/1965)
PYONG YANG	A01	39.07	125.78	27.95	193.37	-21.56	125.47	1.32	29.53	55.08			(5/1958)-(1/1959)
	A02	39.07	125.78	27.95	193.37	-21.56	125.47	1.32	29.53	55.08			(5/1958)-(1/1959)
PYRAMID ROCK	C06	21.00	203.00	21.05	268.04	-21.37	194.71	1.14	20.68	39.25			NK
PYRAMIDA	E01	78.20	15.20	74.38	130.85	-65.69	88.70	14.46	74.75	81.61			(11/1957)---(1/1959)
QUETTA	B01	30.20	67.00	21.61	140.19	-12.09	69.73	1.12	19.29	44.73			10/1957 - 12/1964
	D01	30.18	66.95	21.60	140.14	-12.07	69.68	1.12	19.27	44.70			10/1953 -
QUITO	B02	-.62	281.42	10.71	350.73	-22.54	279.29	1.08	15.58	20.36			9/1962 -
RABAT	B01	33.90	353.90	38.36	71.13	-18.71	4.18	1.31	29.21	48.26			2/1958 ---
	B14	33.90	353.90	38.36	71.13	-18.71	4.18	1.31	29.21	48.26			3/1957 -
	C06	33.90	353.20	38.49	70.40	-18.90	3.71	1.32	29.33	48.31			(7/1957)---(6/1959)

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
RACIBORZ	D01	50.00	18.20	49.11	101.16	-38.12	35.21	2.11	46.51	66.05			NK
RAMSEY	C06	41.05	285.85	52.48	354.20	-68.47	276.38	2.82	53.46	71.22			(7/1958)---(5/1968)
RANDLE CLIFF	B06	38.66	284.64	50.06	352.83	-65.86	274.52	2.55	51.18	69.50			11/1969 -
RANGOON	B01	16.80	96.50	5.65	166.51	2.24	96.45	.93	-1.00	17.23			6/1943 - 12/1944
RANKIN INLET	D01	62.80	267.67	72.83	323.03	-76.83	190.69	12.82	73.78	85.44			
RAPID CITY	E01	44.03	256.95	53.16	318.46	-59.32	226.32	2.83	53.50	71.37			(8/1957)-(12/1958)
	E03	44.03	256.95	53.16	318.46	-59.32	226.32	2.83	53.50	71.37			NK
	E04	44.03	256.95	53.16	318.46	-59.32	226.32	2.83	53.50	71.37			NK
	G01	44.03	256.95	53.16	318.46	-59.32	226.32	2.83	53.50	71.37			(9/1957)-(12/1958)
RAROTONGA	B01	-21.20	200.20	-20.82	274.09	19.43	207.91	1.13	19.81	-38.08			1/1945 -
	B06	-21.20	200.20	-20.82	274.09	19.43	207.91	1.13	19.81	-38.08			
RED DEER	D02	52.30	246.20	59.59	302.41	-61.28	205.18	3.95	59.81	75.58			
REDMOND	E01	44.30	238.70	50.57	297.63	-51.64	209.58	2.41	49.90	67.66			(8/1957)-(6/1963)
REGGANE	B05	26.72	.17	30.16	75.59	-8.23	5.11	1.12	18.98	36.48			
REGINA	E01	50.40	255.50	59.20	314.40	-64.03	216.00	3.96	59.81	76.09			(7/1957)-(12/1958)
RESOLUTE BAY	B01	74.70	265.10	83.07	290.20	-74.91	147.30	92.74	84.04	89.21			2/1949 -
	B02	74.68	265.12	83.05	290.35	-74.91	147.36	92.32	84.03	89.20			3/1962 -
	B04	74.70	265.10	83.07	290.20	-74.91	147.30	92.74	84.04	89.21			9/1959 -
	B05	74.70	265.10	83.07	290.20	-74.91	147.30	92.74	84.04	89.21			
	B07	74.70	265.10	83.07	290.20	-74.91	147.30	92.74	84.04	89.21			7/1957 - 5/1961
	B08	75.20	265.98	83.58	288.45	-74.89	145.42	111.24	84.56	89.06			1/1959 -
	C08	75.20	265.98	83.58	288.45	-74.89	145.42	111.24	84.56	89.06			9/1959 -
	C09	74.70	265.10	83.07	290.20	-74.91	147.30	92.74	84.04	89.21			1/1949 -
	D01	74.70	265.10	83.07	290.20	-74.91	147.30	92.74	84.04	89.21			11/1953 -
	D02	74.70	265.10	83.07	290.20	-74.91	147.30	92.74	84.04	89.21			
	E01	74.70	265.10	83.07	290.20	-74.91	147.30	92.74	84.04	89.21			(9/1957)---(3/1959)
	E03	74.70	265.10	83.07	290.20	-74.91	147.30	92.74	84.04	89.21			NK
	F01	74.72	265.02	83.06	289.96	-74.87	147.30	92.90	84.04	89.22	0.00	17	3/1965 - 11/1972
	F03	74.72	265.02	83.06	289.96	-74.87	147.30	92.90	84.04	89.22			10/1956 - 7/1965
REWA	F01 P	24.32	81.17	14.22	152.55	-5.05	82.34	1.00	3.09	33.29			
REYKJAVIK	B01	64.10	338.20	70.07	71.29	-69.23	39.01	6.03	65.97	75.95			4/1944 --- 12/1954
	B08	64.13	338.22	70.09	71.35	-69.24	39.04	6.04	66.00	75.97			4/1965 -(3/1970)
	C08	64.13	338.22	70.09	71.35	-69.24	39.04	6.04	66.00	75.97			(4/1965)-
	C09	64.10	338.20	70.07	71.29	-69.23	39.01	6.03	65.97	75.95			7/1944 - 12/1954
	E01	64.10	338.10	70.09	71.18	-69.27	38.99	6.04	65.99	75.95			(11/1958)---
	F04	64.10	338.10	70.09	71.18	-69.27	38.99	6.04	65.99	75.95			NK
RICHLAND	E03	46.40	240.40	52.90	298.65	-54.10	208.59	2.69	52.45	69.74			
	G01	46.40	240.40	52.90	298.65	-54.10	208.59	2.69	52.45	69.74			(9/1967)-
RIGA	A08	56.95	24.07	54.56	110.15	-46.52	48.77	2.79	53.25	71.14			(11/1959)---(5/1966)
	C03	55.95	24.07	54.56	110.15	-46.52	48.77	2.79	53.25	71.14			(11/1959)---(5/1966)
RIO DE JANEIRO	F01	-22.95	316.83	-12.59	24.71	6.50	308.56	1.14	20.34	-27.69	10.99	0	9/1957 - 12/1962
ROBERVAL	B13	48.31	287.87	59.77	356.49	-75.73	277.78	4.07	60.30	75.92			
ROBURENT	B13	44.30	7.88	45.70	88.80	-30.87	21.40	1.75	40.99	60.57			3/1966 -
	D01	44.30	7.88	45.70	88.80	-30.87	21.40	1.75	40.99	60.57			9/1964 -
	D02	44.30	7.88	45.70	88.80	-30.87	21.40	1.75	40.99	60.57			7/1964 -
ROCHESTER	B13	43.30	282.70	54.64	350.14	-69.83	267.07	3.15	55.69	73.17			12/1961 - 1/1965
ROCK BANK	B14	-37.70	144.60	-46.86	220.41	55.76	153.63	2.24	48.06	-68.84			1/1955 -
ROME	A01	41.90	12.52	42.46	92.42	-26.64	22.86	1.59	37.48	58.25			(7/1957)-
	A02	41.90	12.52	42.46	92.42	-26.64	22.86	1.59	37.48	58.25			(7/1957)-
	A03	41.90	12.52	42.46	92.42	-26.64	22.86	1.59	37.48	58.25			(1/1967)---

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
ROME	A04	41.90	12.52	42.46	92.42	-26.64	22.86	1.59	37.48	58.25			(7/1957)-
	A05	41.90	12.52	42.46	92.42	-26.64	22.86	1.59	37.48	58.25			7/1957 ---
	A06	41.90	12.52	42.46	92.42	-26.64	22.86	1.59	37.48	58.25			NK
	B01	41.90	12.52	42.46	92.42	-26.64	22.86	1.59	37.48	58.25			1/1951 ---
	B09	42.03	11.83	42.73	91.80	-26.90	22.43	1.60	37.68	58.36			(1/1969)-
	B12	42.03	11.83	42.73	91.80	-26.90	22.43	1.60	37.68	58.36			8/1957 - 8/1958
	C01	41.90	12.52	42.46	92.42	-26.64	22.86	1.59	37.48	58.25			(6/1965)---
	C03	41.90	12.52	42.46	92.42	-26.64	22.86	1.59	37.48	58.25			(/1953)-(/1965)
	C06	41.90	12.52	42.46	92.42	-26.64	22.86	1.59	37.48	58.25			(1/1954)-
	F01	41.90	12.52	42.46	92.42	-26.64	22.86	1.59	37.48	58.25	6.20	60	7/1957 -
	F03	41.90	12.52	42.46	92.42	-26.64	22.86	1.59	37.48	58.25			1/1958 - 11/1964
ROSARIO	A01	-32.92	300.63	-21.61	9.11	7.53	296.58	1.20	24.04	-31.36			7/1970 -
	A02	-32.92	300.63	-21.61	9.11	7.53	296.58	1.20	24.04	-31.36			10/1967 -
	A04	-32.92	300.63	-21.61	9.11	7.53	296.58	1.20	24.04	-31.36			NK
ROSCHINO	E01	60.20	29.60	56.60	116.94	-49.04	56.99	3.24	56.22	73.21			(2/1958)---(4/1959)
ROSMAN NO	B02	35.20	277.51	46.32	344.54	-60.00	261.68	2.19	47.45	66.66			
	B06	35.20	277.51	46.32	344.54	-60.00	261.68	2.19	47.45	66.66			(1/1969)-
ROSTOV	B01	47.20	39.68	42.43	119.58	-32.27	50.78	1.83	42.28	64.73			1/1957 -
	B07	47.22	39.68	42.45	119.59	-32.29	50.80	1.83	42.30	64.74			6/1958 -
	B10	47.22	39.68	42.45	119.59	-32.29	50.80	1.83	42.30	64.74			7/1958 -
SABHAWALA	D01	30.33	77.80	20.52	150.11	-11.50	79.99	1.11	17.97	44.45			1903---
SACHS HARBOR	B01	72.00	235.00	75.20	266.01	-67.33	160.80	17.48	76.16	84.95			NK
	E01	72.00	235.00	75.20	266.01	-67.33	160.80	17.48	76.16	84.95			NK
SACRAMENTO PEAK	A01	32.72	254.25	41.65	318.22	-47.22	234.77	1.75	40.91	60.50			1/1951 -
	A02	32.72	254.25	41.65	318.22	-47.22	234.77	1.75	40.91	60.50			1/1951 -
	A04	32.72	254.25	41.65	318.22	-47.22	234.77	1.75	40.91	60.50			(7/1957)---
	A05	32.72	254.25	41.65	318.22	-47.22	234.77	1.75	40.91	60.50			(7/1957)-
	A07	32.72	254.25	41.65	318.22	-47.22	234.77	1.75	40.91	60.50			10/1957 -
	C01	32.72	254.25	41.65	318.22	-47.22	234.77	1.75	40.91	60.50			(7/1957)-
	C02	32.72	254.25	41.65	318.22	-47.22	234.77	1.75	40.91	60.50			NK
	C03	32.72	254.25	41.65	318.22	-47.22	234.77	1.75	40.91	60.50			(7/1957)--- 8/1951
	C06	32.72	254.25	41.65	318.22	-47.22	234.77	1.75	40.91	60.50			(7/1957)--- 8/1951
	G01	32.72	254.20	41.65	318.16	-47.20	234.72	1.75	40.90	60.49			(7/1957)-(12/1954)
SAGAMORE HILL	A08	42.61	289.20	54.08	358.33	-70.43	284.97	3.01	54.77	71.88			10/1965 -
	C03	42.38	289.11	53.85	358.22	-70.20	284.78	2.97	54.56	71.73			10/1965 -
	C04	42.38	289.11	53.85	358.22	-70.20	284.78	2.97	54.56	71.73			1/1966 -
SAINT KILDA	B04	-34.70	138.60	-44.60	212.91	53.15	143.63	2.01	45.16	-66.90			2/1964 -
SAINT SANTIN	B03	44.11	2.03	46.67	82.90	-31.77	17.20	1.77	41.20	60.28			(11/1965)-
SAKASHITA	F03 P	35.58	137.53	25.22	204.09	-18.41	136.01	1.23	25.40	48.76			/1975
SAKU-SHIMA	B13	34.72	137.03	24.32	203.73	-17.61	135.62	1.20	24.35	47.74			7/1966 -
SAL	G01 P	16.45	337.45	24.07	50.10	-3.45	343.11	1.06	13.32	21.77			/1975
SALEKHARD	B01	66.50	66.70	57.30	149.26	-49.12	86.94	4.30	61.18	79.03			7/1957 -
SALEKHARD	E01	66.50	66.70	57.30	149.26	-49.12	86.94	4.30	61.18	79.03			(3/1958)---(4/1959)
SALISBURY	B01	-34.70	138.60	-44.60	212.91	53.15	143.63	2.01	45.16	-66.90			6/1960 -
SALISBURY (RHODE	B01	-17.80	31.00	-19.51	96.63	35.65	26.54	1.31	28.98	-56.58			1/1958 - 12/1958
SALTHOLM	B13	55.62	12.80	55.48	99.11	-47.31	38.93	2.72	52.71	69.98			5/1950 - 12/1951
SALTSJOBADEN	C01	59.17	18.18	57.75	106.35	-50.46	48.02	3.19	55.93	72.30			(7/1957)---
SAN FERNANDO	C06	36.47	353.80	40.88	71.79	-22.38	5.82	1.41	32.50	51.73			(3/1968)---
	D01	36.47	353.80	40.88	71.79	-22.38	5.82	1.41	32.50	51.73			1/1891 -
SAN FERNANDO OBS	A01	34.05	241.51	41.06	303.95	-43.55	221.83	1.69	39.80	59.20			(7/1965)-

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
SAN FERNANDO OBS	A03	34.05	241.51	41.06	303.95	-43.55	221.83	1.69	39.80	59.20			(2/1969)-
	A04	34.05	241.51	41.06	303.95	-43.55	221.83	1.69	39.80	59.20			(2/1966)-
	A05	34.05	241.51	41.06	303.95	-43.55	221.83	1.69	39.80	59.20			(2/1971)-
	A08	34.05	241.51	41.06	303.95	-43.55	221.83	1.69	39.80	59.20			(7/1968)-
	A09	33.91	241.62	40.94	304.11	-43.46	222.04	1.69	39.67	59.08			(1/1967)-
	C03	34.05	241.51	41.06	303.95	-43.55	221.83	1.69	39.80	59.20			(2/1968)-
	C06	34.05	241.51	41.06	303.95	-43.55	221.83	1.69	39.80	59.20			NK
SAN JOSE	B01	-22.70	324.80	-13.09	32.23	12.22	313.33	1.18	22.73	-34.04			
	B06	-23.32	314.14	-12.74	22.15	5.01	306.84	1.14	20.50	-26.14			(12/1964)-
	B08	-23.32	314.14	-12.74	22.15	5.01	306.84	1.14	20.50	-26.14			3/1963 -
	B14	-23.22	314.15	-12.65	22.17	4.94	306.89	1.14	20.45	-26.01			3/1958 -
	D02	-23.22	314.15	-12.65	22.17	4.94	306.89	1.14	20.45	-26.01			
SAN JUAN (ARG)	B01	-31.50	294.50	-20.05	3.60	5.44	293.04	1.17	22.45	-29.22			
	G01	-31.50	294.50	-20.05	3.60	5.44	293.04	1.17	22.45	-29.22			(5/1960)-(1/1963)
SAN MARCO PLATFO	B05	-2.94	40.20	-6.73	108.75	21.60	39.43	1.02	7.96	-29.93			NK
SAN MIGUEL	D01	37.77	334.35	45.54	51.39	-33.80	355.28	1.65	38.93	55.66			1/1911 -
SAN NICOLAS IS	B05	33.23	240.58	40.10	303.17	-42.43	221.67	1.64	38.76	58.21			
SAN SALVADOR	B01	24.10	285.50	35.52	354.36	-51.08	280.22	1.58	37.30	55.84			11/1958 - 2/1963
SANAE	B01	-70.30	357.60	-63.71	44.50	53.40	316.52	3.97	59.89	-62.55			6/1962 -
	B08	-70.30	357.60	-63.71	44.50	53.40	316.52	3.97	59.89	-62.55			4/1964 -
	B13	-70.30	357.65	-63.71	44.53	53.42	316.54	3.98	59.90	-62.56			(6/1970)-
	C06	-70.30	357.65	-63.71	44.53	53.42	316.54	3.98	59.90	-62.56			6/1962 -
	D01	-70.30	357.65	-63.71	44.53	53.42	316.54	3.98	59.90	-62.56			6/1962 -
	D02	-70.30	357.65	-63.71	44.53	53.42	316.54	3.98	59.90	-62.56			4/1970 -
	E01	-70.30	357.65	-63.71	44.53	53.42	316.54	3.98	59.90	-62.56			1/1960 -
	E03	-70.30	357.60	-63.71	44.50	53.40	316.52	3.97	59.89	-62.55			NK
	F01	-70.30	357.65	-63.71	44.53	53.42	316.54	3.98	59.90	-62.56	.94	53	2/1964 -
	G01	-70.30	357.60	-63.71	44.50	53.40	316.52	3.97	59.89	-62.55			6/1967 -
SANTA BARBARA	F03	34.00	241.00	40.92	303.42	-43.32	221.41	1.69	39.65	59.05			(8/1957---3/1961)
SANTIAGO	A02	-33.57	289.32	-22.10	358.91	7.40	289.74	1.19	23.52	-32.10			(7/1957)---(8/1961)
	B02	-33.13	289.32	-21.56	358.91	6.99	289.74	1.18	23.21	-31.62			8/1963 -
SAO PAULO	A08	-22.55	313.37	-11.92	21.49	3.94	306.66	1.13	19.91	-24.54			10/1967 ---
	B01	-23.50	313.50	-12.88	21.54	4.76	306.40	1.14	20.48	-25.92			8/1953 - 5/1965
	B08	-23.50	313.50	-12.88	21.54	4.76	306.40	1.14	20.48	-25.92			
	B12	-23.50	313.50	-12.88	21.54	4.76	306.40	1.14	20.48	-25.92			4/1958 - 11/1958
	B13	-23.50	313.50	-12.88	21.54	4.76	306.40	1.14	20.48	-25.92			
	C03	-22.55	313.37	-11.92	21.49	3.94	306.66	1.13	19.91	-24.54			10/1967 ---
	C06	-22.55	313.37	-11.92	21.49	3.94	306.66	1.13	19.91	-24.54			4/1963 ---
SAO TOME	G01 P	.12	6.39	2.90	76.15	19.73	4.32	1.03	9.18	-23.86			/1975
SAPPORO	F02	43.02	141.35	32.94	206.51	-25.34	138.56	1.45	34.00	56.64			7/1957 ---
SARDINIA	B05	39.56	9.24	40.86	88.39	-23.65	18.73	1.48	34.66	55.48			
SASKATOON	B01	52.10	253.40	60.54	311.06	-64.35	211.18	4.29	61.14	76.94			
	B13	52.10	253.40	60.54	311.06	-64.35	211.18	4.29	61.14	76.94			
	B15	52.10	253.40	60.54	311.06	-64.35	211.18	4.29	61.14	76.94			
	D01	52.10	253.40	60.54	311.06	-64.35	211.18	4.29	61.14	76.94			
	E01	52.10	253 40	60.54	311.06	-64.35	211.18	4.29	61.14	76.94			(7/1957)-
	E03	52.10	253.40	60.54	311.06	-64.35	211.18	4.29	61.14	76.94			(7/1957)-(12/1959)
SAVOONGA	B13	63.58	189.52	59.40	239.10	-50.18	159.64	3.85	59.38	73.07			(8/1974 -
SCHAUINSLAND	C01	47.92	7.75	49.19	90.21	-36.65	24.99	2.02	45.35	63.95			(7/1957)---(5/1963)
	F01	47.92	7.75	49.19	90.21	-36.65	24.99	2.02	45.35	63.95	4.04	1200	4/1957 - 4/1965

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
SCHAUINSLAND	F02	47.92	7.75	49.19	90.21	-36.65	24.99	2.02	45.35	63.95			1/1957 -
	F03	47.92	7.75	49.19	90.21	-36.65	24.99	2.02	45.35	63.95			1/1959 -
SCHWARZENBURG	B01	46.60	6.70	48.14	88.59	-34.72	22.82	1.95	44.29	62.74			12/1950 -
SCITUATE	C06	42.12	289.56	53.59	358.79	-69.98	286.16	2.93	54.28	71.46			3/1965 ---
SCOTT BASE	B01	-77.90	166.80	-78.93	294.76	69.14	267.95	31.20	79.69	-81.72			3/1957 -
	B06	-77.90	166.80	-78.93	294.76	69.14	267.95	31.20	79.69	-81.72			
	B11	-77.90	166.80	-78.93	294.76	69.14	267.95	31.20	79.69	-81.72			(12/1969)-
	B13	-77.90	166.80	-78.93	294.76	69.14	267.95	31.20	79.69	-81.72			(12/1969)-
	C09	-77.80	166.80	-78.88	294.31	69.14	267.65	31.21	79.69	-81.78			3/1957 -
	D01	-77.85	166.78	-78.91	294.53	69.15	267.81	31.23	79.69	-81.75			7/1957 -
	D02	-77.85	166.78	-78.91	294.53	69.15	267.81	31.23	79.69	-81.75			
	E01	-77.90	166.80	-78.93	294.76	69.14	267.95	31.20	79.69	-81.72			(3/1957)---(9/1958)
	E03	-77.90	166.80	-78.93	294.76	69.14	267.95	31.20	79.69	-81.72			NK
SDR STROMFJORD	B01	67.00	310.00	77.26	36.20	-82.43	57.96	13.54	74.23	80.63			
	B08	67.00	310.00	77.26	36.20	-82.43	57.96	13.54	74.23	80.63			12/1970 -
	B12 P	67.00	310.00	77.26	36.20	-82.43	57.96	13.54	74.23	80.63			/1975
	C08	67.02	309.29	77.36	35.01	-82.68	58.87	13.81	74.39	80.75			11/1970 -
	D01	67.02	309.29	77.36	35.01	-82.68	58.87	13.81	74.39	80.75			/1972-
	E01	67.00	310.00	77.26	36.20	-82.43	57.96	13.54	74.23	80.63			
SEATTLE	A08	47.75	237.58	53.71	294.96	-54.04	204.73	2.79	53.20	70.17			4/1962---11/1965
	B01	47.75	237.58	53.71	294.96	-54.04	204.73	2.79	53.20	70.17			1/1958 - 10/1960
	B13	47.75	237.58	53.71	294.96	-54.04	204.73	2.79	53.20	70.17			7/1957 - 12/1961
	C03	47.75	237.58	53.71	294.96	-54.04	204.73	2.79	53.20	70.17			4/1962 --- 11/1965
	D02	47.63	237.65	53.60	295.09	-53.98	204.93	2.77	53.10	70.09			
SENDAI	G01	38.09	140.56	27.97	206.49	-20.79	138.40	1.29	28.40	51.30			(7/1957)-
SEOUL	A01	35.58	127.00	24.52	194.68	-18.34	126.58	1.22	25.26	50.51			(11/1964)-(2/1967)
	A02	35.58	127.00	24.52	194.68	-18.34	126.58	1.22	25.26	50.51			(11/1964)-(2/1967)
	B01	37.39	126.95	25.33	194.51	-20.02	126.53	1.27	27.49	52.83			10/1966 ---
	D01	37.58	127.05	26.52	194.59	-20.19	126.62	1.28	27.72	53.05			
	F01	37.58	127.05	26.52	194.59	-20.19	126.62	1.28	27.72	53.05	10.76	50	12/1972 -
	F03	37.58	127.05	26.52	194.59	-20.19	126.62	1.28	27.72	53.05			2/1964 - 12/1965
SHATSK	D01	53.98	41.85	48.60	124.06	-40.05	58.72	2.35	49.29	69.95			(7/1957)-
SHEEP MOUNTAIN	B08	61.82	212.50	62.05	260.26	-55.05	172.05	4.43	61.64	74.83			3/1967 -
SHEFFIELD	B10	53.43	358.12	56.33	83.49	-48.33	26.11	2.63	51.96	68.33			7/1964 -
	B13	53.43	358.12	56.33	83.49	-48.33	26.11	2.63	51.96	68.33			NK
	E01	53.43	358.12	56.33	83.49	-48.33	26.11	2.63	51.96	68.33			NK
SHEMACHA	A03	40.77	48.58	34.69	125.62	-24.27	55.01	1.48	34.67	58.84			(3/1968)---
SHEPHERD BAY	B08	68.75	266.25	78.26	312.88	-76.88	167.35	27.83	79.07	87.96			8/1963 -
	D01	68.75	266.25	78.26	312.88	-76.88	167.35	27.83	79.07	87.96			7/1966 -
	E03	68.82	266.57	78.38	313.27	-77.04	167.19	28.32	79.17	87.97			
	G01	68.75	266.25	78.26	312.88	-76.88	167.35	27.83	79.07	87.96			8/1963 -
SHIBATA	B01	37.90	139.30	27.67	205.39	-20.59	137.36	1.29	28.16	51.29			11/1946 - 10/1949
SHIKUKA	B01	49.30	143.00	39.31	206.90	-31.15	138.89	1.75	40.95	62.60			10/1940 - 1/1941
SHILLONG	D01	25.55	91.88	14.63	162.65	-6.37	92.39	1.01	6.53	35.50			
SHINGLETON	E01	46.40	273.50	57.23	338.09	-69.12	244.70	3.64	58.38	75.51			(6/1957)-(6/1959)
	E03	46.40	273.50	57.23	338.09	-69.12	244.70	3.64	58.38	75.51			NK
SHIP C (SHIP)	B05	COORDINATES VARIABLE											
SHIRSHOV (SHIP)	B05	COORDINATES VARIABLE											
SHODA JIMA	G01	34.55	134.27	23.94	201.27	-17.42	133.19	1.20	24.07	47.98			(9/1957)-(3/1959)
SHOKALSKI (SHIP)	B05	COORDINATES VARIABLE											

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
SIBERIA	A06	52.00	104.00	40.59	174.71	-33.40	107.35	2.01	45.12	71.17			(1/1970)---
SIDMOUTH	B09	50.67	356.75	53.99	80.54	-44.27	21.25	2.35	49.26	66.22			NK
	B13	50.67	356.75	53.99	80.54	-44.27	21.25	2.35	49.26	66.22			
	D01	50.67	356.75	53.99	80.54	-44.27	21.25	2.35	49.26	66.22			NK
	D02	50.67	356.75	53.99	80.54	-44.27	21.25	2.35	49.26	66.22			NK
SIKTIVKAR	E01	61.80	50.80	54.72	135.04	-46.85	72.85	3.36	56.92	75.13			(1/1958)---(4/1964)
SIMFEROPOL	A03	44.40	33.98	40.74	113.49	-29.02	43.19	1.68	39.61	61.94			(1/1964)---
	A05	44.40	33.98	40.74	113.49	-29.02	43.19	1.68	39.61	61.94			
	A06	44.40	33.98	40.74	113.49	-29.02	43.19	1.68	39.61	61.94			NK
	A08	44.40	33.98	40.74	113.49	-29.02	43.19	1.68	39.61	61.94			(11/1957)---
	B01	44.80	34.10	41.10	113.74	-29.52	43.69	1.71	40.03	62.32			1/1957 --- 12/1959
	B10	44.40	34.00	40.74	113.51	-29.02	43.21	1.68	39.61	61.94			12/1957 - 12/1958
	B14	44.83	34.07	41.14	113.72	-29.56	43.68	1.71	40.06	62.35			(5/1959)-(12/1965)
	C01	44.40	33.98	40.74	113.49	-29.02	43.19	1.68	39.61	61.94			(7/1957)-
	C03	44.40	33.98	40.74	113.49	-29.02	43.19	1.68	39.61	61.94			(11/1957)---
	D01	44.83	34.07	41.14	113.72	-29.56	43.68	1.71	40.06	62.35			(7/1957)-(12/1959)
	F01	44.73	34.00	41.06	113.62	-29.43	43.55	1.70	39.96	62.25	5.43	570	1/1961 --- 1/1965
	F03	44.73	34.00	41.06	113.62	-29.43	43.55	1.70	39.96	62.25			2/1958 --- 1/1965
	G01	44.40	34.00	40.74	113.51	-29.02	43.21	1.68	39.61	61.94			(7/1957)-(12/1959)
SIMOSATO	D01	33.57	135.93	23.09	202.86	-16.53	134.70	1.18	22.90	46.41			9/1954 -
	D02	33.57	135.93	23.09	202.86	-16.53	134.70	1.18	22.90	46.41			(7/1957)-(12/1958)
SINGAPORE	B01	1.30	103.80	-10.09	173.17	16.79	104.03	.94	-1.00	-17.84			2/1943---7/1971
	B02	1.42	103.82	-9.97	173.19	16.67	104.05	.94	-1.00	-17.57			9/1962 -
	B06	1.30	103.80	-10.09	173.17	16.79	104.03	.94	-1.00	-17.84			9/1962 -
	B07	1.30	103.80	-10.09	173.17	16.79	104.03	.94	-1.00	-17.84			1/1964 - 12/1965
	B08	1.30	103.80	-10.09	173.17	16.79	104.03	.94	-1.00	-17.84			
	B10	1.32	103.82	-10.07	173.19	16.77	104.05	.94	-1.00	-17.79			7/1964 - 12/1965
	B14	1.30	103.80	-10.09	173.17	16.79	104.03	.94	-1.00	-17.84			7/1958 - 11/1965
	C06	1.30	103.80	-10.09	173.17	16.79	104.03	.94	-1.00	-17.84			
SIPLE	B06	-76.00	276.00	-64.73	351.83	48.56	287.08	4.18	60.70	-67.29			
	B13	-76.00	276.00	-64.73	351.83	48.56	287.08	4.18	60.70	-67.29			
	D01	-76.00	276.00	-64.73	351.83	48.56	287.08	4.18	60.70	-67.29			
	E03 P	-76.00	276.00	-64.73	351.83	48.56	287.08	4.18	60.70	-67.29			/1974
SITKA	D01	57.07	224.67	60.09	275.86	-55.86	184.40	3.91	59.60	74.04			1/1902 -
	D02	57.07	224.67	60.09	275.86	-55.86	184.40	3.91	59.60	74.04			7/1957 -
SITKINAK	C06	56.58	205.83	55.90	258.04	-48.99	174.34	3.04	55.01	69.84			(2/1969)-
SKALNATE PLESO	A02	49.20	20.22	47.95	102.69	-36.64	35.83	2.04	45.54	65.50			NK
SKAULO	E01	67.41	21.09	64.70	116.00	-57.90	63.92	5.20	63.98	76.65			NK
SKIBOTN	E01	69.37	20.32	66.55	117.69	-59.63	67.45	6.03	65.97	77.56			NK
SLOUGH	A08	51.48	359.43	54.23	83.70	-44.79	24.07	2.40	49.78	66.83			(7/1967)-
	B01	51.50	359.43	54.25	83.72	-44.82	24.10	2.40	49.80	66.85			1/1930 -
	B02	51.43	359.30	54.21	83.55	-44.69	23.87	2.39	49.74	66.80			9/1962 -
	B07	51.43	359.30	54.21	83.55	-44.69	23.87	2.39	49.74	66.80			
	B14	51.48	359.43	54.23	83.70	-44.79	24.07	2.40	49.78	66.83			7/1957 - 3/1959
	C03	51.48	359.43	54.23	83.70	-44.79	24.07	2.40	49.78	66.83			(7/1967)-
	C06	51.48	359.43	54.23	83.70	-44.79	24.07	2.40	49.78	66.83			(1/1964)---
SOCORRO	F03	34.07	253.07	42.83	316.61	-48.10	232.50	1.82	42.13	61.60			3/1958 -
SODANKYLA	B01	67.40	26.60	63.73	120.32	-56.58	66.38	5.06	63.59	76.77			8/1957 -
	B06	67.40	26.60	63.73	120.32	-56.58	66.38	5.06	63.59	76.77			7/1965 - 11/1965
	B08	67.40	26.60	63.73	120.32	-56.58	66.38	5.06	63.59	76.77			1/1970 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
SODANKYLA	B13	67.40	26.60	63.73	120.32	-56.58	66.38	5.06	63.59	76.77			
	B15 P	67.40	26.60	63.73	120.32	-56.58	66.38	5.06	63.59	76.77			/1976
	D01	67.37	26.63	63.69	120.31	-56.55	66.35	5.04	63.56	76.75			1/1914 -
	D02	67.37	26.63	63.69	120.31	-56.55	66.35	5.04	63.56	76.76			(7/1957)-
	E01	67.40	26.60	63.73	120.32	-56.58	66.38	5.06	63.59	76.77			(1/1957)---
	F04	67.40	26.60	63.73	120.32	-56.58	66.38	5.06	63.59	76.77			NK
	G01	67.37	26.63	63.69	120.31	-56.55	66.35	5.04	63.56	76.75			
SOFIA	B01	42.60	23.40	41.00	103.08	-26.87	32.25	1.63	38.54	59.58			
	B06	42.65	23.44	41.04	103.13	-26.94	32.32	1.64	38.62	59.63			NK
	B09	42.65	23.44	41.04	103.13	-26.94	32.32	1.64	38.62	59.63			1/1964 - 12/1965
	B13	42.67	23.30	41.08	103.01	-26.98	32.21	1.64	38.64	59.65			/1955 -
	B14	42.67	23.30	41.08	103.01	-26.98	32.21	1.64	38.64	59.65			/1959 -
	C06	42.65	23.44	41.04	103.13	-26.94	32.32	1.64	38.62	59.63			NK
SOGRA	B13	62.80	46.25	56.32	132.04	-48.53	70.96	3.58	58.08	75.36			(3/1964)-
	D02	62.80	46.25	56.32	132.04	-48.53	70.96	3.58	58.08	75.36			(1/1964)-
SOLANT	B02	-52.00	302.00	-40.71	9.29	25.14	295.52	1.62	38.26	-47.54			12/1965 -
SOMERTON	C06	51.05	357.27	54.25	81.28	-44.78	22.12	2.38	49.58	66.52			(5/1960)---
SONMIANI	B05	25.20	66.75	15.70	139.19	-6.97	68.62	1.04	10.86	35.99			
SONNEBERG	A02	50.37	11.18	50.84	94.69	-39.90	30.41	2.19	47.45	66.11			(7/1957)-(12/1959)
SOUTH GEORGIA	B01	-54.27	323.50	-44.28	26.35	32.78	304.77	1.89	43.25	-52.51			7/1970 -
	D02	-54.28	323.50	-44.29	26.35	32.79	304.76	1.89	43.26	-52.51			NK
SOUTH HADLEY	A02	42.25	287.42	53.70	356.11	-69.89	280.09	2.97	54.54	71.90			(10/1957)---(3/1959)
SOUTH POINT	B02	18.93	204.30	19.29	269.78	-20.06	196.91	1.12	18.76	36.76			11/1962 - 6/1965
SOUTH POLE	B01	-90.00	0.00	-78.53	0.00	63.94	293.56	13.56	74.24	-73.48			7/1957 -(3/1968)
	B08	-90.00	0.00	-78.53	0.00	63.94	293.56	13.56	74.24	-73.48			1/1963 -
	C08	-90.00	0.00	-78.53	0.00	63.94	293.56	13.56	74.24	-73.48			1/1963 -
	C09	-90.00	0.00	-78.53	0.00	63.94	293.56	13.56	74.24	-73.48			7/1957 -
	C10	-90.00	0.00	-78.53	0.00	63.94	293.56	13.56	74.24	-73.48			NK
	D01	-90.00	0.00	-78.53	0.00	63.94	293.56	13.56	74.24	-73.48			1/1959 -
	D02	-90.00	0.00	-78.53	0.00	63.94	293.56	13.56	74.24	-73.48			
	E03	-90.00	0.00	-78.53	0.00	63.94	293.56	13.56	74.24	-73.48			
	F01	-90.00	0.00	-78.53	0.00	63.94	293.56	13.56	74.24	-73.48	.10	2820	2/1964 -
	F03	-90.00	0.00	-78.53	0.00	63.94	293.56	13.56	74.24	-73.48			5/1964 -
SOUTH UIST	B01	57.20	352.86	60.90	80.61	-55.85	29.51	3.29	56.57	71.06			NK
	B05	57.37	352.67	61.10	80.54	-56.17	29.74	3.33	56.77	71.18			
	B07	57.20	352.86	60.90	80.61	-55.85	29.51	3.29	56.57	71.06			NK
	B13	57.20	352.86	60.90	80.61	-55.85	29.51	3.29	56.57	71.06			NK
	D01	57.20	352.86	60.90	80.61	-55.85	29.51	3.29	56.57	71.06			NK
	D02	57.20	352.86	60.90	80.61	-55.85	29.51	3.29	56.57	71.06			NK
SOYA SHIP	B01	COORDINATES VARIABLE											(11/1958)---(4/1962)
	G01	COORDINATES VARIABLE											11/1956 - 4/1962
SPITSBERGEN	B08	78.50	15.10	74.60	131.63	-65.77	88.91	14.98	75.03	81.75			
	B13	78.50	15.00	74.62	131.58	-65.79	88.89	15.00	75.04	81.75			
	D01	78.50	15.10	74.60	131.63	-65.77	88.91	14.98	75.03	81.75			
	D02 P	78.50	15.10	74.60	131.63	-65.77	88.91	14.98	75.03	81.75			/1976
SREDNIKAN	D01	62.43	152.32	53.14	210.94	-43.70	141.04	3.08	55.28	72.80			1/1935 -
SRINAGAR	B10 P	34.00	74.60	24.49	147.69	-15.54	77.71	1.20	23.85	50.34			/1974
	G01	34.00	74.60	24.49	147.69	-15.54	77.71	1.20	23.85	50.34			
ST ANTHONY	D02	57.06	308.65	67.71	26.48	-78.54	354.94	5.69	65.22	76.30			
ST JOHNS	B01	47.60	307.30	58.44	21.82	-69.72	335.48	3.27	56.44	70.71			5/1945---

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
ST JOHNS	B02	47.73	307.27	58.57	21.81	-69.88	335.53	3.30	56.57	70.81			9/1962 - 3/1970
	D01	47.60	307.30	58.44	21.82	-69.72	335.48	3.27	56.44	70.71			8/1968 -
ST JOSEPH	C06	39.80	265.00	49.93	329.05	-59.05	239.90	2.48	50.54	69.26			
STANFORD	A03	37.43	237.83	43.74	299.04	-45.29	215.63	1.85	42.60	61.59			
	A09	37.43	237.83	43.74	299.04	-45.29	215.63	1.85	42.60	61.59			7/1959 - 8/1973
	B01	37.40	237.80	43.70	299.02	-45.25	215.63	1.84	42.57	61.56			2/1942 ---
	B03	37.43	237.83	43.74	299.04	-45.29	215.63	1.85	42.60	61.59			
	B04	37.43	237.83	43.74	299.04	-45.29	215.63	1.85	42.60	61.59			7/1954 -
	B06	37.40	237.80	43.70	299.02	-45.25	215.63	1.84	42.57	61.56			
	B08	37.43	237.83	43.74	299.04	-45.29	215.63	1.85	42.60	61.59			1/1958 --- 12/1959
	B12	37.43	237.83	43.74	299.04	-45.29	215.63	1.85	42.60	61.59			8/1957 - 12/1958
	B13	37.43	237.83	43.74	299.04	-45.29	215.63	1.85	42.60	61.59			7/1957 - 2/1963
	D02	37.26	237.90	43.58	299.17	-45.16	215.84	1.84	42.44	61.45			
STAR HILL	B14	43.34	284.75	54.74	352.71	-70.42	272.26	3.15	55.70	73.02			1/1957 - 7/1969
STEVENS VILLAGE	E01	66.00	212.00	65.70	255.59	-57.74	166.41	5.91	65.72	77.63			NK
STOCKHOLM	C06	59.15	18.05	57.75	106.22	-50.47	47.90	3.18	55.92	72.29			8/1968 -
STONNINGTON ISLA	E02	-68.54	293.00	-57.07	1.66	40.68	291.76	2.73	52.73	-60.53			NK
STONYHURST	D01	53.85	357.53	56.84	83.14	-49.17	26.38	2.69	52.46	68.65			7/1965 ---
	D02	53.85	357.53	56.84	83.14	-49.17	26.38	2.69	52.46	68.65			NK
SUFFIELD	B13	50.22	248.83	58.01	306.53	-60.85	210.46	3.61	58.26	74.60			(6/1962)- 12/1962
SUGADAIRA	A14	36.51	138.35	26.21	204.72	-19.28	136.66	1.25	26.51	49.78			
	B06	36.51	138.35	26.21	204.72	-19.28	136.66	1.25	26.51	49.78			
	B13	36.51	138.35	26.21	204.72	-19.28	136.66	1.25	26.51	49.78			
SUKKERTOPPEN	D01	65.42	307.10	76.05	29.48	-83.89	47.95	12.19	73.36	80.50			1/1964 - 12/1965
	D02	65.42	307.10	76.05	29.48	-83.89	47.95	12.19	73.36	80.50			1/1964 - 12/1965
SULPHUR MOUNTAIN	F01	51.20	244.40	58.23	300.92	-59.66	205.47	3.62	58.29	74.37	1.12	2283	7/1957 -
	F03	51.20	244.39	58.23	300.91	-59.65	205.46	3.62	58.28	74.36			7/1957 ---
SUNNYVALE	C06	37.00	238.00	43.35	299.35	-44.97	216.16	1.82	42.19	61.24			(1/1971)-
SURINAM	B05	5.83	303.69	15.99	13.70	-26.85	310.72	1.17	22.56	29.02			
SURLARI	D01	44.68	26.25	42.45	106.48	-29.67	36.39	1.73	40.57	61.81			1/1949 -
SUTHERLAND	G01	-32.38	20.70	-31.69	82.98	45.03	5.96	1.78	41.49	-65.37			
SVERDLOVSK	B01	56.70	61.10	48.42	141.06	-40.44	75.77	2.57	51.42	72.87			5/1944 ---
	B07	56.73	61.07	48.46	141.05	-40.48	75.77	2.57	51.45	72.89			(/1964)-
	B14	56.73	61.07	48.46	141.05	-40.48	75.77	2.57	51.45	72.89			(3/1959)-(12/1965)
	D01	56.73	61.07	48.46	141.05	-40.48	75.77	2.57	51.45	72.89			1/1929 -
	F01	56.73	61.07	48.46	141.05	-40.48	75.77	2.57	51.45	72.89	2.25	290	(5/1973)-
	F02	56.73	61.07	48.46	141.05	-40.48	75.77	2.57	51.45	72.89			3/1972 -
SWAN RIVER	B01	52.10	258.80	61.31	317.70	-66.88	216.26	4.58	62.15	77.93			4/1946 - 8/1946
SWANSEA	B07	51.63	356.00	55.05	80.29	-46.16	22.14	2.46	50.34	66.99			10/1957 - 12/1958
	B10	51.63	356.00	55.05	80.29	-46.16	22.14	2.46	50.34	66.99			(7/1957)-(6/1958)
SWARTHMORE	F01	39.90	284.65	51.30	352.78	-67.09	273.91	2.68	52.38	70.47	2.00	80	9/1963 -
	F03	39.90	284.65	51.30	352.78	-67.09	273.91	2.68	52.38	70.47			6/1964 -
SWIDER	D01	52.12	21.25	50.53	105.00	-40.73	40.20	2.27	48.47	67.81			1/1921 -
SYDNEY/FLEURS	A06	-33.87	150.77	-42.24	226.43	50.82	160.60	1.87	43.01	-64.53			NK
	A09	-33.87	150.77	-42.24	226.43	50.82	160.60	1.87	43.01	-64.53			(7/1957)---
	A10	-33.87	150.77	-42.24	226.43	50.82	160.60	1.87	43.01	-64.53			(7/1957)---
	C01	-33.87	150.77	-42.24	226.43	50.82	160.60	1.87	43.01	-64.53			(7/1957)--- 12/1964
	C03	-33.87	150.77	-42.24	226.43	50.82	160.60	1.87	43.01	-64.53			
	C04	-33.87	150.77	-42.24	226.43	50.82	160.60	1.87	43.01	-64.53			(7/1957)---(12/1965)
	F01	-33.87	151.19	-42.18	225.89	50.74	161.20	1.87	42.96	-64.47	4.57	43	1/1957 - 12/1959

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
SYLT	C06	54.40	8.20	55.24	94.01	-46.74	33.98	2.62	51.87	69.06			(1/1969)-
SYOWA BASE	B01	-69.00	39.60	-69.75	78.17	64.38	338.87	6.08	66.08	-65.26			2/1959 -
	B05	-69.00	39.60	-69.75	78.17	64.38	338.87	6.08	66.08	-65.26			
	B06 P	-69.00	39.60	-69.75	78.17	64.38	338.87	6.08	66.08	-65.26			/1975
	B08	-69.00	39.60	-69.75	78.17	64.38	338.87	6.08	66.08	-65.26			2/1967 -
	C08	-69.00	39.60	-69.75	78.17	64.38	338.87	6.08	66.08	-65.26			2/1966 -
	C09	-69.00	39.60	-69.75	78.17	64.38	338.87	6.08	66.08	-65.26			2/1959 -
	D01	-69.00	39.58	-69.75	78.15	64.37	338.86	6.08	66.08	-65.26			1/1958 -
	D02	-69.00	39.58	-69.75	78.15	64.37	338.86	6.08	66.08	-65.26			
	E01	-69.00	39.60	-69.75	78.17	64.38	338.87	6.08	66.08	-65.26			(2/1959)-(4/1962)
	E04	-69.00	39.60	-69.75	78.17	64.38	338.87	6.08	66.08	-65.26			2/1967 -
	F01	-69.00	39.60	-69.75	78.17	64.38	338.87	6.08	66.08	-65.26	0.00	15	3/1960 ---
	F02	-69.00	39.60	-69.75	78.17	64.38	338.87	6.08	66.08	-65.26			(7/1957)-(1/1958)
	F03	-69.00	39.60	-69.75	78.17	64.38	338.87	6.08	66.08	-65.26			3/1959 ---
	G01	-69.00	39.60	-69.75	78.17	64.38	338.87	6.08	66.08	-65.26			(2/1959)-(4/1962)
T-3	E01	*80	0	77	129	-68	94	21	77	82			(11/1964)--- 10/1965
TAHITI	B01	-17.70	210.70	-15.34	283.51	13.60	216.15	1.07	14.60	-30.57			12/1957 -
	D01	-17.55	210.38	-15.25	283.17	13.51	215.78	1.07	14.44	-30.37			4/1958 -
	D02	-17.55	210.38	-15.25	283.17	13.51	215.78	1.07	14.44	-30.37			
TAIPEI	A01	24.95	121.23	13.66	189.98	-8.28	120.95	1.02	8.88	34.87			3/1949 -
	A02	24.95	121.23	13.66	189.98	-8.28	120.95	1.02	8.88	34.87			(1/1964)-
	B01	25.00	121.20	13.71	189.95	-8.33	120.92	1.03	9.00	34.96			3/1950 -
	B06	25.00	121.20	13.71	189.95	-8.33	120.92	1.03	9.00	34.96			3/1967 - 6/1970
	B07	24.95	121.23	13.66	189.98	-8.28	120.95	1.02	8.88	34.87			1/1965 - 12/1965
	B11	25.00	121.20	13.71	189.95	-8.33	120.92	1.03	9.00	34.96			3/1969 -
	B14	24.95	121.23	13.66	189.98	-8.28	120.95	1.02	8.88	34.87			6/1967 -
TAKEYAMA	F03	35.22	139.62	25.04	206.00	-18.12	137.83	1.22	25.03	47.96			1/1970 -
TALARA	B01	-4.60	278.70	6.63	348.13	-17.36	277.25	1.05	12.35	12.27			10/1954 - 12/1955
	D01	-4.63	278.70	6.60	348.13	-17.33	277.26	1.05	12.34	12.21			7/1957 - 1/1960
TALKEETNA	E01	62.30	209.90	61.98	257.47	-54.55	170.40	4.41	61.58	74.71			(8/1964)---(5/1966)
TAMANRASSET	B01	22.80	5.53	25.29	80.02	-3.28	8.32	1.05	12.98	29.04			2/1956 -
	D01	22.80	5.53	25.29	80.02	-3.28	8.32	1.05	12.98	29.04			4/1932 -
	D02	22.80	5.53	25.29	80.02	-3.28	8.32	1.05	12.98	29.04			
	G01	22.78	5.53	25.27	80.01	-3.26	8.32	1.05	12.95	29.00			(7/1957)-(12/1959)
TANANARIVE	B01	-18.80	47 50	-23.65	112.92	35.98	43.38	1.31	29.05	-54.63			11/1951 - 4/1972
	D01	-18.92	47.55	-23.78	112.94	36.08	43.39	1.31	29.18	-54.74			1/1902 -
TANGERANG	B01	-6.17	106.63	-17.62	175.93	23.92	106.89	1.00	-1.00	-32.51			
	D01	-6.17	106.63	-17.62	175.93	23.92	106.89	1.00	-1.00	-32.51			1/1964 -
TARTAGUL	B05	-22.77	296.18	-11.35	5.31	-2.57	294.88	1.10	17.62	-17.48			
TASHKENT	A02	41.33	69.30	32.34	144.14	-23.65	74.86	1.45	33.87	59.93			NK
	A06	41.33	69.30	32.34	144.14	-23.65	74.86	1.45	33.87	59.93			NK
	B01	41.33	69.62	32.30	144.43	-23.62	75.15	1.45	33.85	59.94			9/1961 -
	C01	41.33	69.30	32.34	144.14	-23.65	74.86	1.45	33.87	59.93			(7/1957)-
	D01	41.33	69.62	32.30	144.43	-23.62	75.15	1.45	33.85	59.94			1/1900 -
TATSFIELD	B14	51.28	.01	53.92	84.18	-44.25	24.13	2.37	49.50	66.67			(7/1957)-
	C06	51.18	.02	53.83	84.14	-44.09	24.00	2.36	49.40	66.60			(7/1957)---(6/1964)
TATUOCA	D01	-1.20	311.48	9.51	21.25	-13.97	315.30	1.08	16.16	12.64			8/1957 -
TBILISI	B01	41.70	44.80	36.22	122.47	-25.44	51.78	1.53	35.96	59.70			6/1963 -
	B14	41.72	44.82	36.24	122.49	-25.47	51.82	1.53	35.98	59.72			(11/1959)- 12/1965
	D01	42.08	44.70	36.61	122.48	-25.89	51.90	1.54	36.39	60.09			1/1905 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
TBILISI	D02	42.08	44.70	36.61	122.48	-25.89	51.90	1.54	36.39	60.09			(7/1957)---
	F01	41.72	44.73	36.25	122.41	-25.47	51.73	1.53	35.99	59.72	6.73	510	1/1958 ---
	F02	41.72	44.73	36.25	122.41	-25.47	51.73	1.53	35.99	59.72			4/1953 --- 3/1958
	F03	41.72	44.73	36.25	122.41	-25.47	51.73	1.53	35.99	59.72			2/1960 ---
TEHRAN	A01	35.70	51.40	29.28	126.96	-18.56	55.62	1.29	28.41	52.83			NK
	A04	35.70	51.40	29.28	126.96	-18.56	55.62	1.29	28.41	52.83			6/1965 -
	B01	35.70	51.40	29.28	126.96	-18.56	55.62	1.29	28.41	52.83			4/1963 -
	B06	35.70	51.40	29.28	126.96	-18.56	55.62	1.29	28.41	52.83			
	C01	35.70	51.40	29.28	126.96	-18.56	55.62	1.29	28.41	52.83			6/1965 -
	D01	35.73	51.38	29.31	126.94	-18.60	55.61	1.29	28.44	52.87			7/1957 -
	F01	35.70	51.40	29.28	126.96	-18.56	55.62	1.29	28.41	52.83	10.58	1400	11/1969 -
TEL AVIV	C01	32.10	34.50	28.69	110.42	-14.00	37.26	1.21	24.37	47.09			10/1969 -
TENERIFE	D01	28.48	343.72	34.90	59.09	-14.79	354.11	1.21	24.69	41.43			1/1959 -
TEOLOYUCAN	A01	19.75	260.82	29.59	327.56	-35.78	250.02	1.29	28.28	46.76			
	D01	19.75	260.82	29.59	327.56	-35.78	250.02	1.29	28.28	46.76			1/1914 -
TERRE ADELIE	B01	-66.70	140.00	-75.60	231.50	80.59	223.09	36.89	80.52	-89.62			2/1951 ---
	B02	-66.70	140.00	-75.60	231.50	80.59	223.09	36.89	80.52	-89.62			(1/1972)-
	B05	-66.67	140.02	-75.57	231.48	80.58	222.86	36.63	80.49	-89.64			
	B08	-66.70	140.00	-75.60	231.50	80.59	223.09	36.89	80.52	-89.62			
	B09	-66.40	140.01	-75.32	231.05	80.73	221.16	34.65	80.22	-89.82			
	C09	-66.67	140.02	-75.57	231.48	80.58	222.86	36.63	80.49	-89.64			2/1951 ---
	D01	-66.67	140.02	-75.57	231.48	80.58	222.86	36.63	80.49	-89.64			7/1957 -
	D02	-66.67	140.02	-75.57	231.48	80.58	222.86	36.63	80.49	-89.64			
	F01	-66.67	140.02	-75.57	231.48	80.58	222.86	36.63	80.49	-89.64	.01	45	9/1967 -
THE HAGUE	B04	52.10	4.40	53.83	89.00	-44.24	28.06	2.41	49.86	67.33			10/1959 -
THE PAS	B01	54.00	259.00	63.19	317.04	-68.35	212.78	5.24	64.09	79.30			5/1946 - 7/1945
THESSALONIKA	A02	40.95	23.00	39.48	102.14	-24.65	30.73	1.53	36.03	57.79			(1/1964)---(10/1967)
	A06	40.95	23.00	39.48	102.14	-24.65	30.73	1.53	36.03	57.79			NK
	C01	40.95	23.00	39.48	102.14	-24.65	30.73	1.53	36.03	57.79			(1/1964)---(10/1967)
THOMPSON	D01	55.00	263.00	64.68	321.69	-70.95	214.38	5.92	65.72	80.54			
	E03	55.00	263.00	64.68	321.69	-70.95	214.38	5.92	65.72	80.54			
	E04	55.00	263.00	64.68	321.69	-70.95	214.38	5.92	65.72	80.54			
THULE/CAMP TUTO	B01	76.40	291.30	87.87	4.87	-77.31	121.17	152.88	85.36	85.67			7/1955 - 6/1965
	B04	76.40	291.30	87.87	4.87	-77.31	121.17	152.88	85.36	85.67			3/1964 -
	B05	76.55	291.20	88.02	4.51	-77.36	120.53	161.83	85.49	85.71			
	B06	76.40	291.30	87.87	4.87	-77.31	121.17	152.88	85.36	85.67			
	B08	76.55	291.18	88.02	4.38	-77.36	120.55	162.04	85.49	85.71			5/1958 -
	B11	76.40	291.30	87.87	4.87	-77.31	121.17	152.88	85.36	85.67			
	B14	76.60	291.30	88.07	5.30	-77.32	120.47	163.56	85.52	85.70			4/1958 - 11/1952
	C08	76.55	291.18	88.02	4.38	-77.36	120.55	162.04	85.49	85.71			(5/1958)-
	C09	76.40	291.30	87.87	4.87	-77.31	121.17	152.88	85.36	85.67			2/1956 - 6/1965
	D01	76.55	291.17	88.02	4.31	-77.36	120.56	162.14	85.50	85.71			7/1932 -
	D02	76.60	291.30	88.07	5.30	-77.32	120.47	163.56	85.52	85.70			
	E01	76.55	291.17	88.02	4.31	-77.36	120.56	162.14	85.50	85.71			(11/1957)---
	E03	76.55	291.17	88.02	4.31	-77.36	120.56	162.14	85.50	85.71			NK
	F01	76.60	291.20	88.07	4.61	-77.32	120.56	164.62	85.53	85.71	0.00	260	8/1957 -
	F03	76.60	291.20	88.07	4.61	-77.32	120.56	164.62	85.53	85.71			1/1962 -
	G01	76.55	291.17	88.02	4.31	-77.36	120.56	162.14	85.50	85.71			10/1958 - 3/1959
THULE/QANAQ	B01	77.50	290.80	88.97	3.26	-76.63	120.73	235.33	86.26	85.89			9/1968 -
	B08	77.50	290.80	88.97	3.26	-76.63	120.73	235.33	86.26	85.89			10/1968 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
THULE/QANAQ	C09	77.50	290.30	88.97	3.26	-76.63	120.73	235.33	86.26	85.89			9/1968 -
	D01	77.48	290.83	88.95	3.56	-76.65	120.70	232.96	86.24	85.88			1/1956 -
	D02	77.48	290.83	88.95	3.56	-76.65	120.70	232.96	86.24	85.88			12/1966 -
	E01	77.48	290.83	88.95	3.56	-76.65	120.70	232.96	86.24	85.88			NK
THUMBA	B01	8.60	76.90	-.99	146.79	8.61	76.90	.92	-1.00	-2.48			10/1964 -
	B05	8.33	76.87	-1.25	146.73	8.34	76.87	.92	-1.00	-3.14			
TIHANY	B13	46.90	17.90	46.20	99.52	-33.49	31.45	1.90	43.46	63.43			12/1971 -
	D01	46.90	17.90	46.20	99.52	-33.49	31.45	1.90	43.46	63.43			1/1949 -
TIRUCHIRAPALLI	B01	10.80	78.70	1.01	148.79	8.41	78.80	.92	-1.00	2.77			2/1949 -
	B08	10.80	78.70	1.01	148.79	8.41	78.80	.92	-1.00	2.77			
	B10	10.80	78.70	1.01	148.79	8.41	78.80	.92	-1.00	2.77			
	D01 P	10.80	78.70	1.01	148.79	8.41	78.80	.92	-1.00	2.77			/1975
TIXIE BAY	B01	71.60	128.90	60.50	191.65	-50.77	124.53	5.61	65.03	82.64			7/1957 -
	B08	71.60	128.90	60.50	191.65	-50.77	124.53	5.61	65.03	82.64			1/1954 -
	D01	71.58	129.00	60.48	191.72	-50.76	124.59	5.60	65.01	82.61			1/1944 -
	D02	71.58	129.00	60.48	191.72	-50.76	124.59	5.60	65.01	82.61			
	E01	71.60	128.90	60.50	191.65	-50.77	124.53	5.61	65.03	82.64			(12/1957)---
	E04	71.60	128.90	60.50	191.65	-50.77	124.53	5.61	65.03	82.64			(1/1969)-
	F01	71.58	129.00	60.48	191.72	-50.76	124.59	5.60	65.01	82.61	.49	0	8/1966 -
	F02	71.58	129.00	60.48	191.72	-50.76	124.59	5.60	65.01	82.61			12/1957 -
TOGO	B01	10.80	0.00	14.61	71.92	8.46	.28	.99	-1.00	1.90			7/1965 - 2/1967
	B10	10.80	0.00	14.61	71.92	8.46	.28	.99	-1.00	1.90			6/1965 -
TOKYO	A01	35.67	139.55	25.48	205.88	-18.54	137.74	1.23	25.56	48.54			(7/1957)-
	A02	35.67	139.55	25.48	205.88	-18.54	137.74	1.23	25.56	48.54			(7/1957)-
	A06	35.67	139.55	25.48	205.88	-18.54	137.74	1.23	25.56	48.54			(7/1957)-
	A08	35.67	139.55	25.48	205.88	-18.54	137.74	1.23	25.56	48.54			(7/1957)-
	B01	35.70	139.50	25.50	205.84	-18.56	137.69	1.23	25.59	48.59			6/1934---
	B06	35.70	139.48	25.50	205.82	-18.56	137.67	1.23	25.59	48.59			
	B07	35.71	139.50	25.51	205.84	-18.57	137.69	1.23	25.60	48.60			7/1957 -
	B12	35.70	139.48	25.50	205.82	-18.56	137.67	1.23	25.59	48.59			7/1957 - 1/1959
	C01	35.67	139.55	25.48	205.88	-18.54	137.74	1.23	25.56	48.54			(7/1957)-
	C03	35.67	139.55	25.48	205.88	-18.54	137.74	1.23	25.56	48.54			(7/1957)-
	C06	35.75	139.61	25.56	205.93	-18.61	137.78	1.23	25.65	48.63			(3/1968)---(9/1959)
TOKYO/ITABASHI	F01	35.75	139.72	25.57	206.03	-18.61	137.87	1.23	25.66	48.61	11.55	20	11/1969 -
	F02	35.75	139.72	25.57	206.03	-18.61	137.87	1.23	25.66	48.61			1/1948 -
	F03	35.75	139.72	25.57	206.03	-18.61	137.87	1.23	25.66	48.61			7/1957 - 12/1971
TOKYO/MABASHI	F02	35.71	139.65	25.53	205.97	-18.58	137.82	1.23	25.61	48.57			(1/1959)---(12/1964)
	F03	35.71	139.65	25.53	205.97	-18.58	137.82	1.23	25.61	48.57			10/1956 ---(10/1959)
TOLEDO	B08	39.88	355.95	43.78	75.13	-26.81	9.70	1.55	36.50	55.79			1/1970 -
	D01	39.88	355.95	43.78	75.13	-26.81	9.70	1.55	36.50	55.79			1/1947 -
	D02	39.88	355.95	43.78	75.13	-26.81	9.70	1.55	36.50	55.79			(1/1964)---(9/1957)
TOMSK	B01	56.50	84.90	45.91	159.93	-38.23	93.52	2.48	50.58	74.68			7/1944---
	B07	56.47	84.93	45.88	159.95	-38.20	93.53	2.48	50.55	74.66			12/1957 -
	B10	56.47	84.93	45.88	159.95	-38.20	93.53	2.48	50.55	74.66			9/1957 -
	D01	56.47	84.93	45.88	159.95	-38.20	93.53	2.48	50.55	74.66			1/1958 -
TONANZINTLA	C01	19.03	261.70	28.96	328.60	-35.32	251.28	1.28	27.71	45.99			(7/1957)-(12/1957)
	G00	19.03	261.70	28.96	328.60	-35.32	251.28	1.28	27.71	45.99			(7/1957)-
TONOPAH	B05	38.00	243.50	45.25	305.01	-48.01	220.10	1.96	44.36	63.30			
TOOLANGI	D01	-37.53	145.47	-46.58	221.36	55.47	154.82	2.21	47.77	-68.58			1/1919 -
	D02	-37.53	145.47	-46.58	221.36	55.47	154.82	2.21	47.77	-68.58			

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
TORINO	B08	45.05	7.75	46.44	88.97	-32.07	22.00	1.81	42.05	61.30			
	B13	45.05	7.75	46.44	88.97	-32.07	22.00	1.81	42.05	61.30			
	F03	45.05	7.75	46.44	88.97	-32.07	22.00	1.81	42.05	61.30			10/1967 -
TORONTO	C03	43.90	280.60	55.16	347.44	-69.72	261.61	3.24	56.26	73.73			(7/1957)-(12/1959)
	G01	43.90	280.60	55.16	347.44	-69.72	261.61	3.24	56.26	73.73			(6/1969)-
TORSHAVN	B08	62.03	353.24	65.27	85.19	-61.35	39.56	4.39	61.48	74.00			
	C08	62.03	353.24	65.27	85.19	-61.35	39.56	4.39	61.48	74.00			11/1971 -
TORTOSA	A02	40.82	.50	43.80	80.11	-27.02	13.42	1.57	37.09	56.78			NK
	B01	40.80	.30	43.82	79.90	-27.03	13.27	1.57	37.09	56.76			5/1957 -
	B06	40.80	.30	43.82	79.90	-27.03	13.27	1.57	37.09	56.76			(10/1964)-
	C01	40.82	.50	43.80	80.11	-27.02	13.42	1.57	37.09	56.78			(11/1964)-(1/1967)
	C06	40.82	.50	43.80	80.11	-27.02	13.42	1.57	37.09	56.78			(1/1962)---(9/1965)
	D01	40.82	.50	43.80	80.11	-27.02	13.42	1.57	37.09	56.78			1/1905 -
TORUN	C03	53.08	18.55	51.96	103.01	-42.54	39.39	2.39	49.65	68.40			10/1960---12/1961
TOTTORI	B14	35.53	134.22	24.92	201.13	-18.33	133.11	1.22	25.27	49.25			4/1965 - 8/1965
TOWNSVILLE	B01	-19.30	146.70	-28.39	219.28	35.92	150.49	1.25	26.38	-48.37			6/1946 -
	B04	-19.30	146.70	-28.39	219.28	35.92	150.49	1.25	26.38	-48.37			10/1966 -
	B12	-19.30	146.70	-28.39	219.28	35.92	150.49	1.25	26.38	-48.37			
	D02	-19.30	146.70	-28.39	219.28	35.92	150.49	1.25	26.38	-48.37			
	G01	-19.30	146.70	-28.39	219.28	35.92	150.49	1.25	26.38	-48.37			(7/1964)-(9/1964)
TOYOHARA	B01	46.90	142.80	36.92	207.15	-28.94	139.15	1.62	38.31	60.32			9/1942 - 8/1944
TOYOKAWA	A08	34.83	137.37	24.46	204.03	-17.72	135.91	1.21	24.49	47.83			(7/1957)-
	A14	34.83	137.37	24.46	204.03	-17.72	135.91	1.21	24.49	47.83			
	B13	34.83	137.37	24.46	204.03	-17.72	135.91	1.21	24.49	47.83			(7/1957)-
	B14	34.83	137.37	24.46	204.03	-17.72	135.91	1.21	24.49	47.83			(7/1957)- 6/1965
	C03	34.83	137.37	24.46	204.03	-17.72	135.91	1.21	24.49	47.83			(7/1957)-
	C06	34.83	137.37	24.46	204.03	-17.72	135.91	1.21	24.49	47.83			(10/1960)---
TRAPPES	B14	48.77	2.01	51.14	84.92	-39.44	22.13	2.13	46.75	64.61			7/1957 - 12/1958
TRELEW	B01	-43.20	294.70	-31.75	3.57	16.18	292.62	1.36	30.80	-40.56			4/1958 -
	B07	-43.20	294.70	-31.75	3.57	16.18	292.62	1.36	30.80	-40.56			
	D01	-43.25	294.68	-31.80	3.56	16.22	292.60	1.36	30.84	-40.60			7/1957 -
TRIESTE	A01	45.65	13.75	45.82	95.05	-32.08	26.99	1.86	42.78	62.09			(1/1966)-
	A02	45.65	13.75	45.82	95.05	-32.08	26.99	1.86	42.78	62.09			(1/1966)-
	A08	45.65	13.75	45.82	95.05	-32.08	26.99	1.86	42.78	62.09			3/1966 -
	C03	45.65	13.75	45.82	95.05	-32.08	26.99	1.86	42.78	62.09			3/1966 -
TRINIDAD	B01	10.75	298.43	22.11	8.38	-35.45	304.64	1.25	26.73	38.04			2/1944 - 6/1951
	B03	10.75	298.43	22.11	8.38	-35.45	304.64	1.25	26.73	38.04			(3/1961)-
	B09	10.75	298.43	22.11	8.38	-35.45	304.64	1.25	26.73	38.04			NK
	C06	10.75	298.43	22.11	8.38	-35.45	304.64	1.25	26.73	38.04			5/1954 -
	D02	10.42	298.62	21.77	8.57	-34.99	304.87	1.25	26.48	37.54			
TRIVANDRUM	B01	8.50	77 00	-1.10	146.88	8.51	77.00	.92	-1.00	-2.74			1/1957 - 10/1954
	B10 P	8.48	76.95	-1.11	146.83	8.49	76.95	.92	-1.00	-2.78			/1975
	D01	8.48	76.95	-1.11	146.83	8.49	76.95	.92	-1.00	-2.78			10/1957 -
	G01 P	8.48	76.95	-1.11	146.83	8.49	76.95	.92	-1.00	-2.78			/1975
TROMSO	B01	69.70	19.00	67.07	117.10	-60.17	67.45	6.24	66.39	77.69			8/1932 ---
	B02	69.65	18.93	67.04	116.98	-60.15	67.35	6.21	66.35	77.67			8/1966 -
	B07	69.70	19.00	67.07	117.10	-60.17	67.45	6.24	66.39	77.69			7/1957 - 12/1958
	B08	69.70	19.00	67.07	117.10	-60.17	67.45	6.24	66.39	77.69			(1/1965) - (12/1970)
	B13	69.70	19.00	67.07	117.10	-60.17	67.45	6.24	66.39	77.69			(1/1963)-(12/1963)
	B15	69.70	19.00	67.07	117.10	-60.17	67.45	6.24	66.39	77.69			

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
TROMSO	C09	69.70	19.00	67.07	117.10	-60.17	67.45	6.24	66.39	77.69			8/1932 ---
	D01	69.67	18.95	67.05	117.02	-60.16	67.38	6.22	66.37	77.68			1/1930 -
	D02	69.67	18.95	67.05	117.02	-60.16	67.38	6.22	66.37	77.68			
	E01	69.70	19.00	67.07	117.10	-60.17	67.45	6.24	66.39	77.69			(9/1957)---
	E03	69.70	19.00	67.07	117.10	-60.17	67.45	6.24	66.39	77.69			
TRUJILLO	B12	-8.10	280.25	3.19	349.81	-14.56	279.60	1.04	11.72	6.13			
TSITSIHAR	B01	47.30	123.90	36.09	191.19	-29.08	123.80	1.66	39.17	64.35			4/1940 - 8/1944
TSUMEB	B01	-19.20	17.70	-18.24	83.28	36.40	10.40	1.35	30.55	-58.12			7/1957 -
	B04	-19.20	17.70	-18.24	83.28	36.40	10.40	1.35	30.55	-58.12			(10/1970)-
	B06	-19.20	17.70	-18.24	83.28	36.40	10.40	1.35	30.55	-58.12			10/1967 - 5/1969
	B07	-19.23	17.72	-18.27	83.29	36.42	10.41	1.35	30.57	-58.16			7/1957 - 12/1958
	B12	-19.23	17.72	-18.27	83.29	36.42	10.41	1.35	30.57	-58.15			
	D01	-19.22	17.70	-18.26	83.28	36.41	10.39	1.35	30.56	-58.14			8/1964 -
	G01	-19.22	17.70	-18.26	83.28	36.41	10.39	1.35	30.56	-58.14			(7/1965)---6/1966
TUCSON	A03	31.96	248.40	40.08	311.94	-44.12	229.85	1.65	38.92	58.51			(1/1970)---
	C02	31.96	248.40	40.08	311.94	-44.12	229.85	1.65	38.92	58.51			NK
	D01	32.25	249.17	40.48	312.72	-44.71	230.33	1.67	39.38	58.97			1/1910 -
	D02	32.25	249.17	40.48	312.72	-44.71	230.33	1.67	39.38	58.97			1/1957 -
	G01	32.23	249.05	40.44	312.59	-44.65	230.23	1.67	39.34	58.92			4/1964 - 12/1965
TUCUMAN	A02	-26.90	294.60	-15.45	3.77	1.18	293.38	1.13	19.60	-23.40			NK
	B01	-26.90	294.60	-15.45	3.77	1.18	293.38	1.13	19.60	-23.40			7/1957 ---
	B06	-26.90	294.60	-15.45	3.77	1.18	293.38	1.13	19.60	-23.40			NK
	B13	-26.90	294.60	-15.45	3.77	1.18	293.38	1.13	19.60	-23.40			(4/1963)-(3/1964)
TULALIP	D02	48.08	237.81	54.07	295.06	-54.40	204.52	2.84	53.59	70.48			
TULSA	B08	35.92	264.22	46.00	328.89	-54.83	242.52	2.09	46.30	65.63			11/1962 -
	D01	35.92	264.22	46.00	328.89	-54.83	242.52	2.09	46.30	65.63			7/1961 -
TUNGSTEN	D02	62.00	231.85	66.04	279.00	-61.81	180.77	6.11	66.14	78.91			
	E01	61.00	232.00	65.16	280.16	-61.25	182.37	5.69	65.21	78.32			7/1969 --- 12/1970
TUNGUSKA	B01	61.60	90.00	50.67	164.74	-42.76	99.26	3.17	55.83	78.55			1/1968 -
TYURATAM	B05	45.63	63.27	37.31	139.78	-28.68	71.17	1.67	39.32	64.26			
UCHINOURA	A14 P	31.25	131.07	20.44	198.67	-14.33	130.38	1.13	19.75	43.91			/1976
	B05	31.25	131.07	20.44	198.67	-14.33	130.38	1.13	19.75	43.91			
UCLA	B06	34.07	241.56	41.08	304.00	-43.59	221.85	1.70	39.83	59.23			3/1969 - 2/1971
UEDINENIE IS	E01	77.50	82.30	66.76	164.96	-56.96	104.65	9.65	71.22	85.25			(12/1957)---(3/1959)
ULAN BATOR	D01	47.85	106.75	36.40	176.85	-29.49	108.98	1.72	40.30	67.05			1/1966 -
	D02	47.85	106.75	36.40	176.85	-29.49	108.98	1.72	40.30	67.05			
ULASKA	B02	64.97	212.48	64.88	257.16	-57.21	167.92	5.51	64.79	77.01			11/1965 -
UNALASKA	B08	53.88	193.47	51.01	248.40	-43.17	169.42	2.42	50.02	65.86			10/1957 - 12/1958
	B13	53.88	193.47	51.01	248.40	-43.17	169.42	2.42	50.02	65.86			7/1957 - 5/1959
UPICE	A08	50.49	16.01	50.00	99.34	-39.19	34.10	2.16	47.17	66.36			(1/1966)---
	B08	50.49	16.01	50.00	99.34	-39.19	34.10	2.16	47.17	66.36			
	B14	50.49	16.01	50.00	99.34	-39.19	34.10	2.16	47.17	66.36			
	C01	50.49	16.01	50.00	99.34	-39.19	34.10	2.16	47.17	66.36			1/1972 -
	C03	50.49	16.01	50.00	99.34	-39.19	34.10	2.16	47.17	66.36			(1/1966)---
	C06	50.49	16.01	50.00	99.34	-39.19	34.10	2.16	47.17	66.36			1/1972 -
UPPSALA	B01	59.80	17.60	58.44	106.28	-51.36	48.76	3.30	56.61	72.65			11/1951 -
	B08	59.80	17.60	58.44	106.28	-51.36	48.76	3.30	56.61	72.65			NK
	B12	59.80	17.60	58.44	106.28	-51.36	48.76	3.30	56.61	72.65			
	B15	59.80	17.60	58.44	106.28	-51.36	48.76	3.30	56.61	72.65			
	D01	59.80	17.60	58.44	106.28	-51.36	48.76	3.30	56.61	72.65			

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
UPPSALA	E01	59.85	17.60	58.49	106.32	-51.42	48.83	3.31	56.66	72.68			(7/1957)-
	F01	59.85	17.60	58.49	106.32	-51.42	48.83	3.31	56.66	72.68	1.41	0	9/1956---9/1972
	F03	59.85	17.60	58.49	106.32	-51.42	48.83	3.31	56.66	72.68			9/1956---9/1972
URAL	A03	55.00	37.00	50.39	120.37	-41.93	56.03	2.48	50.56	70.41			(2/1964)---
URBANA	B06	40.00	272.00	50.75	337.37	-52.45	249.18	2.61	51.76	70.39			(11/1965)-
	B11	40.00	272.00	50.75	337.37	-52.45	249.18	2.61	51.76	70.39			7/1958 -
USHUAIA	B01	-54.80	291.70	-43.33	.93	26.99	291.01	1.71	40.16	-50.12			11/1957 -
	B07	-54.80	291.70	-43.33	.93	26.99	291.01	1.71	40.16	-50.12			
	B08	-54.80	291.70	-43.33	.93	26.99	291.01	1.71	40.16	-50.12			
	B14	-54.80	291.70	-43.33	.93	26.99	291.01	1.71	40.16	-50.12			1/1969 -
	F01	-54.80	291.70	-43.33	.93	26.99	291.01	1.71	40.16	-50.12	5.29	0	7/1957 ---
USSURISK	A02	43.00	132.00	32.21	198.44	-25.18	130.85	1.46	34.05	58.40			NK
	A03	43.00	132.00	32.21	198.44	-25.18	130.85	1.46	34.05	58.40			(3/1956)---
	A06	43.00	132.00	32.21	198.44	-25.18	130.85	1.46	34.05	58.40			NK
	A08	43.00	132.00	32.21	198.44	-25.18	130.85	1.46	34.05	58.40			(6/1959)---
	C01	43.00	132.00	32.21	198.44	-25.18	130.85	1.46	34.05	58.40			(11/1957)-
	C03	43.00	132.00	32.21	198.44	-25.18	130.85	1.46	34.05	58.40			(6/1959)---
	D01	43.68	132.17	32.90	198.52	-25.80	130.96	1.48	34.83	59.10			1/1935 ---
UTRECHT	C01	52.08	5.13	53.67	89.71	-44.01	28.51	2.40	49.77	67.32			(7/1957)-(10/1959)
	F01	52.08	5.13	53.67	89.71	-44.01	28.51	2.40	49.77	67.32	2.78	1	2/1957 -
	F03	52.08	5.13	53.67	89.71	-44.01	28.51	2.40	49.77	67.32			2/1957 -
	F04	52.08	5.13	53.67	89.71	-44.01	28.51	2.40	49.77	67.32			NK
UTSJOKI	B08	69.75	27.00	65.74	123.17	-58.38	70.69	5.98	65.87	77.89			(1/1967)-
	E01	69.75	27.00	65.74	123.17	-58.38	70.69	5.98	65.87	77.89			(1/1965)- 12/1970
VAL D OR	B08	48.00	282.20	59.31	349.05	-74.07	261.05	4.06	60.25	76.45			8/1959 -
VAL-JOYEUX	B06	48.82	2.02	51.19	84.95	-39.52	22.19	2.13	46.80	64.65			10/1964 -
VALENTIA	D01	51.93	349.75	56.54	73.92	-49.17	18.92	2.58	51.52	67.41			1/1900 -
	D02	51.93	349.75	56.54	73.92	-49.17	18.92	2.58	51.52	67.41			NK
VALLEY COTTAGE	C06	40.67	286.22	52.10	354.68	-68.16	277.57	2.77	53.09	70.89			1/1958 ---
VANIMO	B01	-2.70	141.30	-12.53	211.57	18.75	142.30	.98	-1.00	-21.72			7/1964 -
VASSOURAS	D01	-22.40	316.35	-12.00	24.31	5.77	308.49	1.14	20.42	-26.58			7/1915 -
VEGA BAJA	B05	18.47	293.58	29.92	3.34	-45.54	296.85	1.41	32.72	48.85			
	D02	18.29	293.75	29.74	3.52	-45.31	297.19	1.41	32.57	48.61			
VERKHOYANSK	E01	67.60	133.40	56.74	195.67	-47.47	127.97	4.22	60.86	79.41			(1/1958)---
VERMILLION	E01	42.80	263.10	52.69	326.10	-61.02	234.41	2.81	53.35	71.49			(7/1957)---(5/1953)
VICTORIA	B01	48.40	236.60	54.16	293.59	-54.15	203.20	2.85	53.64	70.45			7/1957 - 1/1959
	D01	48.52	236.58	54.27	293.51	-54.24	203.05	2.86	53.76	70.54			7/1957 -
	D02	48.52	236.58	54.27	293.51	-54.24	203.05	2.86	53.76	70.54			
	E01	48.50	236.60	54.25	293.54	-54.23	203.08	2.86	53.75	70.53			(8/1957)---(4/1959)
	F01	48.50	236.60	54.25	293.54	-54.23	203.08	2.86	53.75	70.53	1.85	71	8/1954 - 8/1973
VIK	B05	63.42	341.00	68.92	73.65	-67.53	37.96	5.52	64.80	75.39			
VILLA ELISA	A08	-34.00	302.00	-22.73	10.30	8.81	297.21	1.22	24.95	-32.78			NK
	C04	-34.00	302.00	-22.73	10.30	8.81	297.21	1.22	24.95	-32.78			NK
VOLGOGRAD	B05	48.68	44.35	43.08	124.21	-33.67	56.26	1.91	43.63	66.16			
VOSTOK	B01	-78.45	106.87	-89.27	94.25	76.14	300.59	71.86	83.23	-77.75			3/1958 -
	B08	-78.45	106.87	-89.27	94.25	76.14	300.59	71.86	83.23	-77.75			12/1964 -
	C08	-78.28	106.50	-89.15	105.00	76.32	301.08	72.67	83.26	-77.76			(12/1964)-
	C09	-78.40	106.90	-89.26	98.17	76.20	300.63	72.62	83.26	-77.77			3/1958 -
	C10	-78.40	106.90	-89.26	98.17	76.20	300.63	72.62	83.26	-77.77			NK
	D01	-78.45	106.87	-89.27	94.25	76.14	300.59	71.86	83.23	-77.75			1/1958 ---

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
VOSTOK	D02	-78.45	106.87	-89.27	94.25	76.14	300.59	71.86	83.23	-77.75			
	E01	-78.50	106.90	-89.28	90.39	76.09	300.50	71.32	83.20	-77.74			(5/1958)---
	F01	-78.50	106.90	-89.28	90.39	76.09	300.50	71.32	83.20	-77.74	0.00	3488	7/1963-
	F04	-78.50	106.90	-89.28	90.39	76.09	300.50	71.32	83.20	-77.74			NK
VSETIN	B14	49.21	17.59	48.47	100.23	-37.00	33.76	2.05	45.75	65.40			
WAKE ISLAND	B11	20.00	166.00	13.25	232.69	-7.77	162.04	1.03	10.15	26.63			10/1960 -
WAKKANAI	B01	45.40	141.70	35.33	206.45	-27.53	138.53	1.55	36.65	59.03			3/1947 -
	B09	45.40	141.70	35.33	206.45	-27.53	138.53	1.55	36.65	59.03			
	B13	45.40	141.70	35.33	206.45	-27.53	138.53	1.55	36.65	59.03			(7/1957)- 12/1962
WALLOPS IS	B01	37.90	284.50	49.30	352.70	-65.08	274.48	2.47	50.45	68.90			7/1963 -
	B05	37.83	284.52	49.23	352.73	-65.02	274.56	2.46	50.38	68.84			
	B08	37.90	284.50	49.30	352.70	-65.08	274.48	2.47	50.45	68.90			
WALTAIR	B10	17.72	83.30	7.46	153.92	1.84	83.80	.94	-1.00	19.01			7/1957 - 12/1959
WARNKENHAGEN	D01	54.00	11.07	54.30	96.52	-45.44	35.32	2.55	51.19	68.83			
	D02	54.00	11.07	54.30	96.52	-45.44	35.32	2.55	51.19	68.83			
WARRENSBURG	B14	38.77	266.27	49.03	330.75	-58.63	242.48	2.39	49.67	68.57			3/1961 - 5/1965
WASHINGTON	A01	38.67	282.98	50.02	350.81	-65.43	270.66	2.55	51.19	69.62			(7/1957)-(12/1971)
	A06	38.67	282.98	50.02	350.81	-65.43	270.66	2.55	51.19	69.62			(7/1957)---(/1959)
	A11	38.67	282.98	50.02	350.81	-65.43	270.66	2.55	51.19	69.62			(1/1964)-(4/1974)
	B01	38.70	282.90	50.05	350.71	-65.43	270.47	2.55	51.21	69.65			6/1931 - 9/1968
	B08	38.70	282.90	50.05	350.71	-65.43	270.47	2.55	51.21	69.65			1/1963 - 2/1965
	B09	38.70	282.90	50.05	350.71	-65.43	270.47	2.55	51.21	69.65			(/1957)-(5/1968)
	B13	38.67	282.98	50.02	350.81	-65.43	270.66	2.55	51.19	69.62			10/1957 - 6/1959
	C01	38.67	282.98	50.02	350.81	-65.43	270.66	2.55	51.19	69.62			7/1957 - 2/1959
	C03	38.67	282.98	50.02	350.81	-65.43	270.66	2.55	51.19	69.62			2/1958 - 4/1959
	C05	38.67	282.98	50.02	350.81	-65.43	270.66	2.55	51.19	69.62			(1/1964)-(4/1974)
	C06	38.67	282.98	50.02	350.81	-65.43	270.66	2.55	51.19	69.62			NK
WATHEROO	B01	-30.30	115.90	-41.71	186.21	48.67	114.63	1.76	41.03	-64.65			4/1938 - 3/1959
	D01	-30.30	115.90	-41.71	186.21	48.67	114.63	1.76	41.03	-64.65			1/1919 - 12/1958
WEISSENAU	C03	47.80	9.50	48.73	91.86	-36.11	26.10	2.00	45.07	63.90			NK
	C04	47.80	9.50	48.73	91.86	-36.11	26.10	2.00	45.07	63.90			(8/1966)-
	F01	47.80	9.50	48.73	91.86	-36.11	26.10	2.00	45.07	63.90	4.16	427	10/1956 - 3/1959
	F03	47.80	9.50	48.73	91.86	-36.11	26.10	2.00	45.07	63.90			6/1957 - 3/1959
WELLESLEY	C06	42.28	288.70	53.75	357.71	-70.08	283.64	2.96	54.49	71.72			(4/1958)---
WELLINGTON	A02	-41.23	174.92	-45.28	254.55	49.80	197.95	2.14	46.83	-66.41			(7/1957)-(3/1960)
	B06	-41.23	174.92	-45.28	254.55	49.80	197.95	2.14	46.83	-66.41			
	B11	-41.20	175.00	-45.24	254.62	49.74	198.01	2.13	46.78	-66.37			(12/1969)-
	B13	-41.23	174.92	-45.28	254.55	49.80	197.95	2.14	46.83	-66.41			8/1957 --- (2/1959)
	C01	-41.23	174.92	-45.28	254.55	49.80	197.95	2.14	46.83	-66.41			NK
	F01	-41.28	174.77	-45.36	254.41	49.91	197.83	2.14	46.92	-66.48	3.35	125	(7/1957)---(6/1958)
	F03	-41.28	174.77	-45.36	254.41	49.91	197.83	2.14	46.92	-66.48			(11/1964)---(6/1965)
WENDELSTEIN	A06	47.70	12.00	48.13	94.23	-35.52	27.80	1.98	44.74	63.89			(7/1957)-
	A07	47.70	12.00	48.13	94.23	-35.52	27.80	1.98	44.74	63.89			(7/1957)-
	C01	47.70	12.00	48.13	94.23	-35.52	27.80	1.98	44.74	63.89			(7/1957)-
WEST NYACK	C06	41.08	286.07	52.51	354.47	-68.54	276.94	2.82	53.48	71.22			(7/1957)---(12/1970)
WESTON	D01	42.38	288.68	53.85	357.68	-70.17	283.54	2.98	54.59	71.80			7/1960 -
WETASKIWIN	B13	52.97	246.55	60.29	302.45	-61.93	204.33	4.14	60.57	76.15			10/1957 - 12/1958
WHITE HORSE	E01	60.70	224.90	63.48	273.14	-58.44	179.47	4.94	63.26	76.56			(9/1966)-(12/1966)
WHITE MOUNTAIN	F01	37.58	241.75	44.55	303.23	-46.93	218.94	1.90	43.56	62.55	4.39	3800	8/1965 - 11/1970
WHITE SANDS	B01	32.30	253.50	41.14	317.47	-46.49	234.39	1.72	40.31	59.92			6/1946 -

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
WHITE SANDS	B05	32.40	253.47	41.23	317.42	-46.58	234.28	1.72	40.41	60.01			
	B09	32.30	253.50	41.14	317.47	-46.49	234.39	1.72	40.31	59.92			7/1957 -
	C06	32.40	253.13	41.19	317.04	-46.44	233.95	1.72	40.34	59.94			(7/1957)-
WIEN-KOBENZL	D01	48.27	16.32	47.82	98.61	-35.75	31.69	1.99	44.92	64.55			1/1929 -
WIESE IS	E01	79.90	77.00	69.35	164.06	-59.25	104.90	12.34	73.46	85.47			(11/1957)---(12/1959
WILDWOOD	B08	60.56	208.75	60.16	257.89	-52.95	171.77	3.91	59.60	73.26			3/1957 - 1/1972
WILKES	B01	-66.90	110.50	-78.37	179.94	87.97	10.14	45.48	81.47	-81.98			7/1957 - 1/1969
	C09	-65.90	110.50	-78.37	179.94	87.97	10.14	45.48	81.47	-81.98			7/1957 - 4/1969
	D01	-66.25	110.58	-77.72	180.10	87.82	29.98	40.00	80.90	-82.15			7/1957 - 1/1967
	D02	-65.25	110.58	-77.72	180.10	87.82	29.98	40.00	80.90	-82.15			7/1957 - 1/1967
	E01	-65.28	111.53	-77.75	181.90	88.16	29.48	41.51	81.07	-82.41			(4/1957)--- 3/1959
	E03	-65.28	111.53	-77.75	181.90	88.16	29.48	41.51	81.07	-82.41			NK
	F01	-66.28	111.53	-77.75	181.90	88.16	29.48	41.51	81.07	-82.41	.01	0	3/1962 - 4/1969
	F03	-65.28	111.53	-77.75	181.90	88.16	29.48	41.51	81.07	-82.41			(8/1957)-(12/1958)
WILLIAMS BAY	E01	42.60	271.50	53.30	336.32	-64.72	245.94	2.94	54.35	72.47			(7/1957)-(3/1952)
	E03	42.60	271.50	53.30	336.32	-64.72	245.94	2.94	54.35	72.47			NK
WINGST	D01	53.75	9.07	54.46	94.47	-45.57	33.59	2.54	51.11	68.61			1/1939 -
	D02	53.75	9.07	54.46	94.47	-45.57	33.59	2.54	51.11	68.61			(1/1964)---
WINNIPEG	B01	49.80	265.60	59.88	327.17	-68.32	227.58	4.23	60.91	77.27			4/1951 -
	B04	49.80	265.60	59.88	327.17	-68.32	227.58	4.23	60.91	77.27			9/1959 -
	B07	49.90	262.80	59.66	323.61	-67.05	224.12	4.15	60.59	76.96			12/1957 - 12/1958
	D01	49.63	262.87	59.40	323.79	-66.86	224.60	4.08	60.33	76.77			
	E03 P	49.63	262.87	59.40	323.79	-66.86	224.60	4.08	60.33	76.77			/1974
WITTEVEEN	D01	52.82	6.67	54.06	91.62	-44.80	30.64	2.46	50.38	67.90			7/1891 -
	D02	52.82	6.67	54.06	91.62	-44.80	30.64	2.46	50.38	67.90			(9/1957)-
WOLLASTON LAKE	E04	58.00	257.00	66.78	312.07	-69.97	202.20	6.94	67.70	81.63			
WOOMERA	B01	-31.00	136.30	-41.17	209.67	49.26	139.52	1.75	40.94	-63.52			5/1961 - 12/1969
	B02	-31.38	136.87	-41.49	210.38	49.65	140.35	1.78	41.36	-63.85			10/1962 - 10/1965
	B05	-31.97	136.52	-42.11	210.07	50.31	140.03	1.82	42.08	-64.48			
	B10	-31.10	136.78	-41.22	210.23	49.35	140.17	1.76	41.03	-63.57			
	C06	-31.10	136.78	-41.22	210.23	49.35	140.17	1.76	41.03	-63.57			(2/1968)---(8/1959)
	D02	-31.10	136.78	-41.22	210.23	49.35	140.17	1.76	41.03	-63.57			
WORTHINGTON	C06	40.05	276.89	51.13	343.28	-64.61	257.34	2.67	52.28	70.78			10/1972 -
WRANGEL ISLAND	E01	71.00	181.40	64.88	226.43	-54.67	148.70	6.17	66.25	78.58			(12/1957)---(3/1959)
WROCLAW	A01	51.10	17.08	50.37	100.64	-39.92	35.65	2.21	47.72	66.88			(10/1957)---(3/1967)
	A02	51.10	17.08	50.37	100.64	-39.92	35.65	2.21	47.72	66.88			(10/1957)---(3/1967)
	A04	51.10	17.08	50.37	100.64	-39.92	35.65	2.21	47.72	66.88			
	A06	51.10	17.08	50.37	100.64	-39.92	35.65	2.21	47.72	66.88			NK
	C01	51.10	17.08	50.37	100.64	-39.92	35.65	2.21	47.72	66.88			(3/1964)---(11/1965)
WUCHANG	B01	30.60	114.40	19.15	183.53	-13.37	114.32	1.11	18.24	44.72			8/1946 - 5/1949
YAKIMA	C06	47.00	240.00	53.41	297.96	-54.45	207.54	2.76	52.98	70.13			10/1972 ---
YAKUTSK	B01	62.00	129.60	50.99	194.10	-42.37	126.89	3.05	55.08	75.95			2/1957 -
	B08	62.00	129.60	50.99	194.10	-42.37	126.89	3.05	55.08	75.95			(3/1971)-
	B12	62.00	129.60	50.99	194.10	-42.37	126.89	3.05	55.08	75.95			(1/1956)-
	D01	62.02	129.72	51.02	194.19	-42.39	126.97	3.05	55.10	75.94			1/1931 -
	D02	62.02	129.72	51.02	194.19	-42.39	126.97	3.05	55.10	75.94			(1/1963)-
	E01	62.10	129.70	51.10	194.16	-42.46	126.94	3.07	55.18	76.00			(1/1957)-
	E03	62.10	129.70	51.10	194.16	-42.46	126.94	3.07	55.18	76.00			(1/1959)---
	E04	62.10	129.70	51.10	194.16	-42.46	126.94	3.07	55.18	76.00			(1/1969)---
	F01	62.02	129.72	51.02	194.19	-42.39	126.97	3.05	55.10	75.94	1.65	105	7/1957 --- 11/1959

MASTER STATION LIST

STATION NAME	OBS PROG	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	GEOMAG CONJUGATE GEOGRAPHIC LAT	GEOMAG CONJUGATE GEOGRAPHIC LONG EAST	L-VALUE	INVAR LAT	GEO-CENTRIC DIP	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS	OPEN - CLOSE DATES
YAKUTSK	F02	62.02	129.72	51.02	194.19	-42.39	126.97	3.05	55.10	75.94			7/1953 ---
	F03	62.02	129.72	51.02	194.19	-42.39	126.97	3.05	55.10	75.94			7/1957 ---
	G01	62.10	129.70	51.10	194.16	-42.46	126.94	3.07	55.18	76.00			(7/1957)-
YAMAGAWA	B01	31.20	130.60	20.36	198.25	-14.28	129.94	1.13	19.67	43.91			12/1946 -
	B04	31.20	130.60	20.36	198.25	-14.28	129.94	1.13	19.67	43.91			6/1970 -
	B10	31.20	130.62	20.36	198.26	-14.28	129.96	1.13	19.67	43.91			7/1957 -
YAP ISLAND	C06	9.32	138.10	-.88	207.18	9.33	138.10	.94	-1.00	2.80			(2/1969)---
YAUCA	D01	-15.53	285.33	-4.10	354.98	-15.54	285.33	1.06	13.29	-6.33			9/1957 - 1/1960
YELLOWKNIFE	B01	62.40	245.60	69.02	293.93	-67.22	185.20	8.29	69.68	82.14			11/1957 - 1/1959
	C09	62.40	245.60	69.02	293.93	-67.22	185.20	8.29	69.68	82.14			11/1957 - 1/1959
	D01	62.43	245.60	69.05	293.89	-67.23	185.14	8.31	69.70	82.16			7/1957 ---
	E01	62.40	245.60	69.02	293.93	-67.22	185.20	8.29	69.68	82.14			(7/1957)---(10/1958)
YOKOSHIBA	B14	35.63	140.50	25.52	206.74	-18.52	138.55	1.23	25.54	48.34			(9/1957)- 12/1958
YORK	D02	53.97	358.92	56.68	84.63	-48.90	27.44	2.69	52.43	68.72			NK
YUMA,ARIZONA	B05	32.87	245.68	40.57	308.76	-43.99	226.59	1.67	39.36	58.88			
YUZHNO SAKHALI	B01	47.00	143.00	37.03	207.30	-29.04	139.29	1.63	38.42	60.38			3/1957 - 8/1970
	D01	46.95	142.72	36.96	207.07	-28.98	139.08	1.63	38.36	60.39			1/1942 -
ZAMBOANGA	G01	6.90	122.07	-4.34	191.49	9.59	122.11	.93	-1.00	-2.74			(5/1959)-(11/1959)
ZARIA	B14	11.85	7.65	14.16	79.73	8.24	7.96	.98	-1.00	4.34			10/1968 - (/1973)
	D01	11.15	7.65	13.47	79.58	8.55	7.87	.98	-1.00	2.63			1/1964 -
	D02	11.15	7.65	13.47	79.58	8.55	7.87	.98	-1.00	2.63			
ZARYA SHIP	B01	COORDINATES VARIABLE											(8/1959)-(11/196)
ZEHLENDORF	B09	52.20	13.25	52.17	97.59	-42.31	34.32	2.34	49.15	67.58			
ZUGSPITZE	F01	47.42	10.98	48.07	93.13	-35.24	26.72	1.97	44.57	63.61	4.31	2960	1/1957 ---
	F03	47.42	10.98	48.07	93.13	-35.24	26.72	1.97	44.57	63.61			10/1957 - 2/1960
ZURICH	A02	47.38	8.57	48.51	90.77	-35.61	24.95	1.98	44.76	63.50			1/1949 -
	C01	47.38	8.57	48.51	90.77	-35.61	24.95	1.98	44.76	63.50			(7/1957)-
	C04	47.38	8.57	48.51	90.77	-35.61	24.95	1.98	44.76	63.50			(9/1972)-
ZVENIGOROD	E01	55.72	36.85	51.11	120.58	-42.76	56.65	2.56	51.31	70.86			(7/1957)---(12/1959)
	G01	55.72	36.85	51.11	120.58	-42.76	56.65	2.56	51.31	70.86			(8/1957)-(12/1959)

INDEX OF EQUIVALENT NAMES FOR STATIONS

For about 10% of entries in the Master Station List, the station is or has been known by more than one name. The compilers of this report have somewhat arbitrarily chosen one of those names for the Master Station List, trying to follow common practice as much as possible. The indexes in this section serve to relate these equivalent names to assist users with various habits and background to locate station information.

The differences in names have arisen for several reasons. One is that the traditions for different disciplines have been different; some have used the name of the nearest big city while others have used that of the nearest village or an institutional name. Also some station operators change their name for a station when it is relocated only a short distance away. Other reasons include changes in transliteration or abbreviation of a name or actual changes in the popular name of the location.

When a station is moved to a nearby location, the old name has usually been retained, but the Master Station List gives the most recent coordinates. Since it is a matter of judgment as to whether or not to retain the old name for these lists, we give here the names of some stations which some users may consider equivalent but which are listed separately in the Master Station List:

Program B01: Boston/Billerica/Maynard
Cape Town/Hermanus
Ellsworth/Belgrano
Kokubunji/Tokyo
Port Lockroy/Argentine Is.
Trivandrum/Thumba
Watheroo/Mundaring
Wilkes/Casey

Program D01: Agincourt/Ottawa
Genova/Roburent
Helwan/Misallat
Julianehaab/Narssarssuaq
Kuyper/Tangerang
Watheroo/Gnangara

Program F01: Murmansk/Apatity

INDEX OF EQUIVALENT STATION NAMES

EQUIVALENT NAME AND ASSOCIATED DISCIPLINES	MASTER STATION NAME
A-12	ADDIS ABABA
ABINGER-D01	HARTLAND
AEROSPACE SOLAR OBS	SAN FERNANDO OBS
AFCRL SAGAMORE HILL-C03	SAGAMORE HILL
AGIA PARASKEVI-B09,C06	ATHENS (1)
AKITA-KEN-B01	AKITA
AKITA-SHI-B01	AKITA
AKROTIRI	CAPE ZEVGARI
AMUNDSEN-SCOTT-B01,E03	SOUTH POLE
ANACAPRI-C01	CAPRI F
ANACAPRI-C01	CAPRI S
ARO-A08,C03	OTTAWA
ART1-D01	SVERDLOVSK
AWARUA-E01,F01,F03	INVERCARGILL
AZORES-D01	SAN MIGUEL
BAD REICHENHALL	PREDIGTSTUHL
BAFFIN-B01	CLYDE
BALBOA-B14	PANAMA
BALBOA HEIGHTS-B14	PANAMA
BANDA-D02	FORT ARCHAMBAULT
BANFF-F01	SULPHUR MOUNTAIN
BARKING SANDS-B05	KAUAI
BASE GENERAL BELGRANO	BELGRANO
BASE RO	BAUDOUIN
BAS ROI BAUDOUIN-B01,B08	BAUDOUIN
BEKESCABA	BUDAPEST
BELGRADE	BEOGRAD
BELVOIR-B01,B13	WASHINGTON
BERN	BERNE
BISDEE-C06	HOBART
BLINDERN	HARESTUA
BOEING-C03	SEATTLE
BOSTON-B08	BEDFORD
BREISACH-B01,B06,B07,B10,B13	FREIBURG/BREISACH
BUKHTA TIKHAYA	HEISS IS
BUKHTA TIKSY	TIXIE BAY
CACHOEIRA PAULISTA-B01	SAN JOSE
CAMP TORUGUERO	VEGA BAJA
CANBERRA-B02	ORRORAL
CAPE CANAVERAL-B01	CAPE KENNEDY
CENTRO GEOFISICO-B01	CUBA
CHABOT OBS-C06	OAKLAND
CHALATS MEUDON	MEUDON
CHRISTCHURCH-D01	AMBERLEY
CHUNG-LI	TAIPEI
CIUDAD UNIVERSITY-F02	MEXICO CITY
CRACOW	KRAKOW
CRIMEE-A03,A08	SIMFEROPOL
CU BOULDER-C04,C06	BOULDER
CYPRUS	CAPE ZEVGARI
DAPANGO-B01	TOGO
DAVAO-D02	CEBU
DEHRA DUN	SABHAWALA
DIKSON-D01	DIXON
DIXON ISLAND-D01,E01 (DICKSON)	DIXON
DJIBOUTI (ARTA)	DJIBOUTI
DRAO-A08,C03	PENTICTON
DRUZHNAYA-D01	HEISS IS
DUMONT D#URVILLE-B01,D01,F01	TERRE ADELIE
DUSHETI-D01	TBILISI
EBRO-B01,C01,D01	TORTOSA
EL CERRILLO	MEXICO CITY
EL SEGUNDO-A09	SAN FERNANDO OBS
ESK-D02	BRISBANE
ESSA BOULDER-A08,B01,C03	BOULDER
EUGENIDES PLANETARIUM-A02	ATHENS (2)
EYVINDORA-E01	EGILSSTADIR
FAIRBANKS-B01,B02,B05,B08,B12	COLLEGE
FALKLAND IS	PORT STANLEY
FANNING IS-D01	FANNING
FIRENZE	FLORENCE
FLEURS	SYDNEY/FLEURS
FLOIRAC	BORDEAUX
FORMOSA	TAIPEI
FORT BELVOIR-B01,B09,B13,C06	WASHINGTON
FORT CHURCHILL-D01	CHURCHILL
FRAUNHOFER	FREIBURG/BREISACH
FREIBURG-F02	SCHAUINSLAND
FREIBURG/BREISACH-F01,F02,F03	SCHAUINSLAND
GENERAL BELGRANO-F01	BELGRANO
GEOPOLE STATION-F01	THULE/CAMP TUTO
GODLEY HEAD-B01,C06	CHRISTCHURCH
GOOSE BAY-D01	MELVILLE AFB
GORNOTAYEZHNAYA-D01	USSURISK
GRANADA-A02	CARTUJA
GREENWICH	HERSTMONCEUX
GREENWICH-D01	HARTLAND

EQUIVALENT NAME AND ASSOCIATED DISCIPLINES	MASTER STATION NAME
HALLE/SAALE-F02	HALLE
HALLETT STATION-E01,E03	CAPE HALLETT
HANDS-C06	BOULDER
HAO BOULDER-C01,C04,C06	BOULDER
HARINGHATA	CALCUTTA
HARVARD-C04	FORT DAVIS
HAVANA-D01	CUBA
HAWAII-A06,A07,C01,C03,F01,G01	HALEAKALA
HAWAII-B06,C01,C03,C06,D01,F01,F03	HONOLULU
ICAROS ATHENS-A02	ATHENS (1)
ISLA DE PASCUA-D01	EASTER ISLAND
IVATO-B01	TANANARIVE
IZMIRAN-F03	MOSCOW
JAKUTSK	YAKUTSK
JOBURG-B02	JOHANNESBURG
KAMPALA-F01,F03	MAKEREPE
KARAVIA-B01	ELIZABETHVILLE
KENORA-B01	WINNIPEG
KILEMBE-F03	MAKERERE
KITT PEAK	TUCSON
KOBENHA	COPENHAGEN
KOKUBUNJI-B07,B12	TOKYO
KOLN	COLOGNE
KONTINKANGAS-F01,F03	OULU
KRASNAYA PAKHRA-B01,B07,B10,B13,B14	MOSCOW
LAEM CHABANG-B14	BANGKOK
LEGON-B08,B14,D01,D02	ACCRA
LEIRVOGUR-B08,C08	REYKJAVIK
LEOPOLDVILLE-B01,D01	KINSHASA-BINZA
LOPARSKAYA-B07,B08	MURMANSK
LOS ANGELES-C06	LOCKHEED
LUANDA BELAS-D01	LUANDA
MABASHI	KOENJI
MABASHI	TOKYO-MABASHI
MACAO	MACAU
MAKAPUU PT-C03,F01,F03	HONOLULU
MAURITIUS-D01	PLAISANCE
MAX PLANCK INST-F01	ZUGSPITZE
MITAKA-A01,A06,C01,C03	TOKYO
MONTE CAPELLINO-D01	GENOVA
MONTE DEI CAPPUCCINI	TORINO
MONTE MARIO-C01	ROME
MOOR PARK-C06	PRESTON
MOUSSALLA	MUSSALA
N.A.I.C.	ARECIBO
NARSARSSUAK	NARSSARSSUAQ
NASA-GSFC	GREENBELT
NBS BOULDER-A08,B01,C03	BOULDER
NERA-UTRECHT-C01,F01	NEDERHORST DEN BERG
NEWCASTLE	CAMDEN
NEW DELHI	DELHI
NIZAMIAH	HYDERABAD
NOME-C06	PORT CLARENCE
NORTH POLE 6-D01	ARCTICA I (NP-6)
NORTH POLE 7-D01	ARCTICA II (NP-7)
NORTH POLE 8-D01	ARCTICA (NP-8)
NORTH POLE 10-D01	ARCTICA (NP-10)
NORWAY STATION-F01	SANAE
OAHU-C06	HONOLULU
OOTY	OOTACAMUND
OSLO	KJELLER
PALO ALTO-D02	STANFORD
PAMATAI	TAHITI
PARIS	BAGNEUX
PATRONY-D01	IRKUTSK
PEAK MOUSALLA	MUSSALA
PENDELI-D01	ATHENS (1)
POINT BARROW-B01,B08,E01,E04	BARROW
POLE STATION-B01,B08	SOUTH POLE
PONTIAC-C06	MCMATH-HULBERT
PORT AUX FRANCAIS-D01,F01,F03	KERGUELEN
PORT STANLEY-B02	SOLANT
PRAGUE	PRUHONICE
PRAGUE-B14,F01,F03	PANSKA VES
PRAHA-B14,C06	PANSKA VES
PROVIDENIE BAY	PROVIDENYA
QUEBEC	BAIE ST PAUL
QUEZON CITY	MANILA
RAMEY AFB-A01,B01,C01	PUERTO RICO
RAOUL ISLAND-B01	KERMADEC
RATTLESNAKE MTN-G01	RICHLAND
RED LAKE-D01	LENINGRAD
RESIPATRON	O'HIGGINS
REYKJAVIK-D01,D02	LEIRVOGUR
ROI BAUDOUIN-D01,E01	BAUDOUIN
ROMA-B01	ROME
ROSTOV-ON-DON	ROSTOV

INDEX OF EQUIVALENT STATION NAMES (continued)

EQUIVALENT NAME AND ASSOCIATED DISCIPLINES	MASTER STATION NAME
RUDE SKOV-D01,D02	COPENHAGEN
SAINT SANTIN-C03	NANCAY
SALONIQUE	THESSALONIKA
SAN ALESSIO-B01	ROME
SAN FRANCISCO-B01,B08,B12,B13	STANFORD
SAN JUAN-D01	PUERTO RICO
SAN MIGUEL-A01,A08,C01,C03	BUENOS AIRES
SANAE STATION-D01	SANAE
SANTIAGO-F03	LOS CERRILLOS
SANTIAGO-F03	MACUL
SAO JOSE DOS CAMPOS	SAN JOSE
SCARAMANGA STATION-B01	ATHENS (1)
SHOWA	SYOWA BASE
SIMEIS-A08,C01,C03	SIMFEROPOL
SKY-HI	EIGHTS
SOROA-D01	CUBA
SOTTENS	SCHWARZENBURG
SOUTH ATLANTIC	SOLANT
SPAIN SC-04-C06	SAN FERNANDO
STANLEY-B01,B07,B14	PORT STANLEY
STATION SVIRCO-F01	ROME
STAZIONE DE CAPPUCCINI	TORINO
STEPANOVKA-D02	ODESSA
STOCKHOLM-B14,D02	ENKOPING
STOCKHOLM-C01	SALTSJOBADEN
SVALBARD	LONGYEARBYEN
SYOWA BAY	SYOWA BASE
TARAVAO	TAHITI
TIKHAYA BAY-B01,B08,D01,F01,F03	HEISS IS
TIKSY BAY (TIKSI)	TIXIE BAY
TOKYO-KOENJI-F03	KOENJI
TREMSDORF-A08,C03	POTSDAM
TRICHUR	TIRUCHIRAPALLI
TRICHY	TIRUCHIRAPALLI
TROY	GRAFTON
TUBINGEN-C04	WEISSENAU
UCCLE-B14	BRUSSELS
UCCLE-A01,A06,A08,C01,C03,C06	DOURBES
UELEN-D01	CAPE WELLEN
UNIV OF CANTERBURY-D02	CHRISTCHURCH
UNIV OF MICH-C04	ANN ARBOR
UNIV OF OULU-F03	OULU
UNIVERSIDADE MACKENZIE-A08,C03	SAO PAULO
UNIVERSITY PARK-B06,B07	PENN STATE U
UPPER VAN NORMAN	SAN FERNANDO OBS
USNO-A01	WASHINGTON
USNRL-C03	WASHINGTON
VANNOVSKAYA-G01	ASHKHABAD
VIEQUES-D01	PUERTO RICO
VLADIVOSTOK-D01	USSURISK
VOROSHILOV-A02,C01	USSURISK
VOYEYKOVO-D01	LENINGRAD
VYSOKAYA DUBRAVA-D01	SVERDLOVSK
WALLER FIELD	TRINIDAD
WARSAW	MIEDZESZYN
WASHINGTON STATE U-C03	PULLMAN
WEDDELL SEA-B01	ELLSWORTH
WELLINGTON-B10	LOWER HUTT
WILLFORD HALL OBS-A01,C06	PRESTON
WINKFIELD-B02	SLOUGH
YANGI-BAZAR-D01	TASHKENT
YUZHNO SAKHALINSK	YUZHNO SAKHALI
ZAYMISHCHE-D01	KAZAN
ZIMENKI-A08,C03	GORKY
ZUGSPITZE LABORATORY	ZUGSPITZE

INDEX OF MASTER STATION LIST NAMES
FOR WHICH THERE ARE EQUIVALENT NAMES

MASTER STATION NAME	EQUIVALENT NAME AND ASSOCIATED DISCIPLINES
ACCRA	LEGON-B08,B14,D01,D02
ADDIS ABABA	A-12
AKITA	AKITA-SHI-B01
	AKITA-KEN-B01
AMBERLEY	CHRISTCHURCH-D01
ANN ARBOR	UNIV OF MICH-C04
ARCTICA (NP-10)	NORTH POLE 10-D01
ARCTICA (NP-8)	NORTH POLE 8-D01
ARCTICA I (NP-6)	NORTH POLE 6-D01
ARCTICA II (NP-7)	NORTH POLE 7-D01
ARECIBO	N.A.I.C.
ASHKHABAD	VANNOVSKAYA-G01
ATHENS (1)	PENDELI-D01
	SCARAMANGA STATION-B01
	AGIA PARASKEVI-B09,C06
	ICAROS ATHENS-A02
ATHENS (2)	EUGENIDES PLANETARIUM-A02
BAGNEUX	PARIS
BAIE ST PAUL	QUEBEC
BANGKOK	LAEM CHABANG-B14
BARROW	POINT BARROW-B01,B08,E01,E04
BAUDOUIN	ROI BAUDOUIN-D01,E01
	BAS ROI BAUDOUIN-B01,B08
	BASE RO
BEDFORD	BOSTON-B08
BELGRANO	BASE GENERAL BELGRANO
	GENERAL BELGRANO-F01
BEOGRAD	BELGRADE
BERNE	BERN
BORDEAUX	FLOIRAC
BOULDER	ESSA BOULDER-A08,B01,C03
	HAO BOULDER-C01,C04,C06
	HANDS-C06
	CU BOULDER-C04,C06
	NBS BOULDER-A08,B01,C03
BRISBANE	ESK-D02
BRUSSELS	UCCLE-B14
BUDAPEST	BEKESCABA
BUENOS AIRES	SAN MIGUEL-A01,A08,C01,C03
CALCUTTA	HARINGHATA
CAMDEN	NEWCASTLE
CAPE HALLETT	HALLETT STATION-E01,E03
CAPE KENNEDY	CAPE CANAVERAL-B01
CAPE WELLEN	UELEN-D01
CAPE ZEVGARI	CYPRUS
	AKROTIRI
CAPRI F	ANACAPRI-C01
CAPRI S	ANACAPRI-C01
CARTUJA	GRANADA-A02
CEBU	DAVAO-D02
CHRISTCHURCH	GOODLEY HEAD-B01,C06
	UNIV OF CANTERBURY-D02
CHURCHILL	FORT CHURCHILL-D01
CLYDE	BAFFIN-B01
COLLEGE	FAIRBANKS-B01,B02,B05,B08,B12
COLOGNE	KOLN
COPENHAGEN	KOBENHA
	RUDE SKOV-D01,D02
CUBA	SOROA-D01
	HAVANA-D01
	CENTRO GEOFISICO-B01
DELHI	NEW DELHI
DIXON	DIXON ISLAND-D01,E01 (DICKSON)
	DIKSON-D01
DJIBOUTI	DJIBOUTI (ARTA)
DOURBES	UCCLE-A01,A06,A08,C01,C03,C06
EASTER ISLAND	ISLA DE PASCUA-D01
EGILSSTADIR	EYVINDORA-E01
EIGHTS	SKY-HI
ELIZABETHVILLE	KARAVIA-B01
ELLSWORTH	WEDDELL SEA-B01
ENKOPING	STOCKHOLM-B14,D02
FANNING	FANNING IS-D01
FLORENCE	FIRENZE
FORT ARCHAMBAULT	BANDA-D02
FORT DAVIS	HARVARD-C04
FREIBURG/BREISACH	FRAUNHOFER
	BREISACH-B01,B06,B07,B10,B13
GENOVA	MONTE CAPELLINO-D01
GORKY	ZIMENKI-A08,C03
GRAFTON	TROY
GREENBELT	NASA-GSFC
HALEAKALA	HAWAII-A05,A07,C01,C03,F01,G01
HALLE	HALLE/SAALE-F02
HARESTUA	BLINDERN
HARTLAND	ABINGER-D01
	GREENWICH-D01

INDEX OF MASTER STATION LIST NAMES FOR WHICH THERE ARE EQUIVALENT NAMES (continued)

MASTER STATION NAME	EQUIVALENT NAME AND ASSOCIATED DISCIPLINES
HEISS IS	BUKHTA TIKHAYA
	DRUZHNAYA-D01
	TIKHAYA BAY-B01,B08,D01,F01,F03
HERSTMONCEUX	GREENWICH
HOBART	BISDEE-C06
HONOLULU	HAWAII-B05,C01,C03,C06,D01,F01,F03
	MAKAPUU PT-C03,F01,F03
	OAHU-C06
HYDERABAD	NIZAMIAH
INVERCARGILL	AWARUA-E01,F01,F03
IRKUTSK	PATRONY-D01
JOHANNESBURG	JOBURG-B02
KAUAI	BARKING SANDS-B05
KAZAN	ZAYMISHCHE-D01
KERGUELEN	PORT AUX FRANCAIS-D01,F01,F03
KERMADEC	RAOUL ISLAND-B01
KINSHASA-BINZA	LEOPOLDVILLE-B01,D01
KJELLER	OSLO
KOENJI	TOKYO-KOENJI-F03
	MABASHI
KRAKOW	CRACOW
LEIRVOGUR	REYKJAVIK-D01,D02
LENINGRAD	RED LAKE-D01
	VOYEYKOVO-D01
LOCKHEED	LOS ANGELES-C06
LONGYEARBYEN	SVALBARD
LOS CERRILLOS	SANTIAGO-F03
LOWER HUTT	WELLINGTON-B10
LUANDA	LUANDA BELAS-D01
MACAU	MACAO
MACUL	SANTIAGO-F03
MAKERERE	KAMPALA-F01,F03
	KILEMBE-F03
MANILA	QUEZON CITY
MCMATH-HULBERT	PONTIAC-C06
MELVILLE AFB	GOOSE BAY-D01
MEUDON	CHALATS MEUDON
MEXICO CITY	CIUDAD UNIVERSITY-F02
	EL CERRILLO
MIEDZESZYN	WARSAW
MOSCOW	KRASNAYA PAKHRA-B01,B07,B10,B13,B14
	IZMIRAN-F03
MURMANSK	LOPARSKAYA-B07,B08
MUSSALA	PEAK MOUSALLA
	MOUSSALLA
NANCAY	SAINT SANTIN-C03
NARSSARSSUAQ	NARSARSSUAK
NEDERHORST DEN BERG	NERA-UTRECHT-C01,F01
O≠HIGGINS	RESIPATRON
OAKLAND	CHABOT OBS-C06
ODESSA	STEPANOVKA-D02
OOTACAMUND	OOTY
ORRORAL	CANBERRA-B02
OTTAWA	ARO-A08,C03
OULU	KONTINKANGAS-F01,F03
	UNIV OF OULU-F03
PANAMA	BALBOA HEIGHTS-B14
	BALBOA-B14
PANSKA VES	PRAHA-B14,C06
	PRAGUE-B14,F01,F03
PENN STATE U	UNIVERSITY PARK-B06,B07
PENTICTON	DRAO-A08,C03
PLAISANCE	MAURITIUS-D01
PORT CLARENCE	NOME-C06
PORT STANLEY	STANLEY-B01,B07,B14
	FALKLAND IS
POTSDAM	TREMSDORF-A08,C03
PREDIGTSTUHL	BAD REICHENHALL
PRESTON	WILLFORD HALL OBS-A01,C06
	MOOR PARK-C06
PROVIDENYA	PROVIDENIE BAY
PRUHONICE	PRAGUE
PUERTO RICO	RAMEY AFB-A01,B01,C01
	SAN JUAN-D01
	VIEQUES-D01
PULLMAN	WASHINGTON STATE U-C03
REYKJAVIK	LEIRVOGUR-B08,C03
RICHLAND	RATTLESNAKE MTN-G01
ROME	ROMA-B01
	SAN ALESSIO-B01
	MONTE MARIO-C01
	STATION SVIECC-F01
ROSTOV	ROSTOV-ON-DON
SABHAWALA	DEHRA DUN
SAGAMORE HILL	AFCRL SAGAMORE HILL-C03
SALTSJOBADEN	STOCKHOLM-C01
SAN FERNANDO	SPAIN SC-04-C06

MASTER STATION NAME	EQUIVALENT NAME AND ASSOCIATED DISCIPLINES
SAN FERNANDO OBS	UPPER VAN NORMAN
	AEROSPACE SOLAR OBS
	EL SEGUNDO-A05
SAN JOSE	CACHOEIRA PAULISTA-B01
	SAO JOSE DOS CAMPOS
SAN MIGUEL	AZORES-D01
SANAE	SANAE STATION-D01
	NORWAY STATION-F01
SAO PAULO	UNIVERSIDADE MACKENZIE-A08,C03
SCHAUINSLAND	FREIBURG-F02
	FREIBURG/BREISACH-F01,F02,F03
SCHWARZENBURG	SOTTENS
SEATTLE	BOEING-C03
SIMFEROPOL	CRIMEE-A03,A08
	SIMEIS-A08,C01,C03
SLOUGH	WINKFIELD-B02
SOLANT	SOUTH ATLANTIC
	PORT STANLEY-B02
SOUTH POLE	POLE STATION-B01,B08
	AMUNDSEN-SCOTT-B01,E03
STANFORD	PALO ALTO-D02
	SAN FRANCISCO-B01,B08,B12,B13
SULPHUR MOUNTAIN	BANFF-F01
SVERDLOVSK	ART1-D01
	VYSOKAYA DUERAVA-D01
SYDNEY/FLEURS	FLEURS
SYOWA BASE	SYOWA BAY
	SHOWA
TAHITI	PAMATAI
	TARAVAO
TAIPEI	FORMOSA
	CHUNG-LI
TANANARIVE	IVATO-B01
TASHKENT	YANGI-BAZAR-D01
TBILISI	DUSHETI-D01
TERRE ADELIE	DUMONT D≠URVILLE-B01,D01,F01
THESSALONIKA	SALONIQUE
THULE/CAMP TUTO	GEOPOLE STATION-F01
TIRUCHIRAPALLI	TRICHY
	TRICHUR
TIXIE BAY	TIKSY BAY (TIKSI)
	BUKHTA TIKSY
TOGO	DAPANGO-B01
TOKYO	KOKUBUNJI-B07,B12
	MITAKA-A01,A06,C01,C03
TOKYO-MABASHI	MABASHI
TORINO	MONTE DEI CAPPUCCINI
	STAZIONE DE CAPPUCCINI
TORTOSA	EBRO-B01,C01,D01
TRINIDAD	WALLER FIELD
TUCSON	KITT PEAK
USSURISK	GORNOTAYEZHNAYA-D01
	VOROSHILOV-A02,C01
	VLADIVOSTOK-D01
VEGA BAJA	CAMP TORUGUERO
WASHINGTON	BELVOIR-B01,B13
	FORT BELVOIR-B01,B09,B13,C06
	USNRL-C03
	USNO-A01
WEISSENAU	TUBINGEN-C04
WINNIPEG	KENORA-B01
YAKUTSK	JAKUTSK
YUZHNO SAKHALI	YUZHNO SAKHALINSK
ZUGSPITZE	ZUGSPITZE LABORATORY
	MAX PLANCK INST-F01

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

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STATION NAME	OBS PROG	GEOMAGNETIC LAT	LONG EAST	L-VALUE
THULE/QANAQ	C09	88.97	3.26	235.33
	B08	88.97	3.26	235.33
	B01	88.97	3.26	235.33
	E01	88.95	3.56	232.96
	D02	88.95	3.56	232.96
	D01	88.95	3.56	232.96
THULE/CAMP TUTO	F03	88.07	4.61	164.62
	F01	88.07	4.61	164.62
	D02	88.07	5.30	163.56
	B14	88.07	5.30	163.56
	G01	88.02	4.31	162.14
	E03	88.02	4.31	162.14
	E01	88.02	4.31	162.14
	D01	88.02	4.31	162.14
	C08	88.02	4.38	162.04
	B08	88.02	4.38	162.04
	B05	88.02	4.51	161.83
	C09	87.87	4.87	152.88
	B11	87.87	4.87	152.88
	B06	87.87	4.87	152.88
	B04	87.87	4.87	152.88
	B01	87.87	4.87	152.88
EUREKA	C09	86.62	236.39	1126.23
	B01	86.62	236.39	1126.23
ALERT	E01	85.88	167.46	311.86
	D01	85.87	167.29	309.49
	F03	85.86	167.55	311.05
	F01	85.86	167 55	311.05
	C09	85.78	167.91	307.64
	B01	85.78	167.91	307.64
RESOLUTE BAY	C08	83.58	288.45	111.24
	B08	83.58	288.45	111.24
	E03	83.07	290.20	92.74
	E01	83.07	290.20	92.74
	D02	83.07	290.20	92.74
	D01	83.07	290.20	92.74
	C09	83.07	290.20	92.74
	B07	83.07	290.20	92.74
	B05	83.07	290.20	92.74
	B04	83.07	290.20	92.74
	B01	83.07	290.20	92.74
	F03	83.06	289.96	92.90
	F01	83.06	289.96	92.90
	B02	83.05	290.35	92.32
ARCTICA II (NP-7)	D01	*82	191	152
	E01	*82	177	120
	C09	*82	177	120
	B01	*82	177	120
CLYDE	C09	81.97	2.08	36.00
	B01	81.97	2.08	36.00
NORD	E01	80.79	133.88	38.13
	B13	80.79	133.88	38.13
	B06	80.79	133.88	38.13
FLETCHERS ICE	E01	*80	235	55
GODHAVN	E01	79.88	32.86	19.79
	C08	79.88	32.86	19.79
	B11	79.88	32.86	19.79
	B10	79.88	32.86	19.79
	B09	79.88	32.86	19.79
	B08	79.88	32.86	19.79
	C09	79.85	33.49	19.61
	B13	79.85	33.49	19.61
	B01	79.85	33.49	19.61
	F02	79.81	32.36	19.63
	D02	79.78	33.33	19.44
	D01	79.78	33.33	19.44
DANMARKSHAVN	C08	79.34	106.33	20.59
	B08	79.34	106.33	20.59
MOULD BAY	E01	79.25	256.41	38.79
	D01	79.25	256.41	38.79
PELLY BAY	D01 P	78.64	320.45	28.79
SHEPHERD BAY	E03	78.38	313.27	28.32
	G01	78.26	312.88	27.83
	D01	78.26	312.88	27.83
	B08	78.26	312.88	27.83
FLETCHERS ICE	C09	*78	254	30
	B01	*78	254	30
ARCTICA I (NP-6)	D01	*78	148	30
T-3	E01	*77	129	21
ARCTICA I (NP-6)	E01	*77	143	26
	C09	*77	143	26
	B01	*77	143	26
SDR STROMFJORD	D01	77.36	35.01	13.81
	C08	77.36	35.01	13.81
	E01	77.26	36.20	13.54
	B12 P	77.26	36.20	13.54
	B08	77.26	36.20	13.54
	B01	77.26	36.20	13.54
CAMBRIDGE BAY	D02	76.73	295.46	22.10
	D01	76.73	295.46	22.10
ARCTIC ICE FLO	D01	*76	207	29
SUKKERTOPPEN	D02	76.05	29.48	12.19
	D01	76.05	29.48	12.19
KAP TOBIN	E01	75.60	82.21	10.65
	C08	75.56	82.04	10.59
	B08	75.55	82.05	10.59
	D01	75.47	81.82	10.48
NY-ALESUND	E03	75.39	131.60	16.45
	B08	75.39	131.60	16.45
	E01	75.34	131.33	16.30
	D01	75.34	131.33	16.30
	C08	75.34	131.33	16.30
FROBISHER BAY	E04	75.27	1.34	13.88
	C10	75.27	1.51	13.86
	C08	75.27	1.34	13.88
	B08	75.27	1.34	13.88
	B08	75.27	1.34	13.88
	B01	75.27	1.51	13.86
	B13	75.22	1.56	13.78
SACHS HARBOR	E01	75.20	266.01	17.48
	B01	75.20	266.01	17.48
MURCHISON BAY	E01	75.19	137.79	17.51
	F03	75.16	137.61	17.42
	F01	75.16	137.61	17.42
	D01	75.16	137.61	17.42
CORAL HARBOUR	C08	75.09	335.96	16.14
	B08	75.09	335.96	16.14
GODTHAB	C08	74.74	30.27	10.47
	B08	74.74	30.27	10.47
SPITSBERGEN	B13	74.62	131.58	15.00
	D02 P	74.60	131.63	14.98
	D01	74.60	131.63	14.98
	B08	74.60	131.63	14.98
BARENTSBURG	D01	74.50	132.63	15.01
PYRAMIDA	E01	74.38	130.85	14.46
LONGYEARBYEN	B01	74.31	131.11	14.38
ANGMAGSSALIK	D02 P	74.23	53.21	8.95
	C08	74.23	53.21	8.95
	B08	74.23	53.21	8.95
ARCTIC ICE FLO	E03	*74	219	18
	E01	*74	219	18
CAPE PARRY	G01	73.82	270.49	14.20
	E03	73.82	270.49	14.20
	B05	73.82	270.49	14.20
BAKER LAKE	D02	73.81	315.98	14.52
	D01	73.81	315.98	14.52
	E03	73.79	316.06	14.48
	E01	73.79	316.06	14.48
	C09	73.79	316.06	14.48
	B11	73.79	316.06	14.48
	B07	73.79	316.06	14.48

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STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
BAKER LAKE	B01	73.79	316.06	14.48
RANKIN INLET	D01	72.83	323.03	12.82
ARLIS III	E01	*72	239	13
ARCTICA (NP-12)	D01	*72	217	14
ARCTICA (NP-13)	C09	*71	204	15
	B01	*71	204	15
HEISS IS	B08	71.51	155.54	14.39
EGILSSTADIR	E01	71.46	290.47	10.70
HEISS IS	E01	71.37	156.33	14.28
	F03	71.29	156.23	14.15
	F01	71.29	156.23	14.15
	D02	71.29	156.23	14.15
	D01	71.29	156.23	14.15
	C08	71.29	156.23	14.15
	B05	71.29	155.23	14.15
FRANZ JOSEF IS	B05	71.29	156.19	14.14
HEISS IS	C09	71.28	156.18	14.12
	B01	71.28	156.18	14.12
ARCTICA II (NP-8)	D01	*71	221	12
NARSSARSSUAQ	D01	71.14	37.42	7.06
	C09	71.14	37.42	7.06
	B13	71.14	37.42	7.06
	B12	71.14	37.42	7.06
	B08	71.14	37.42	7.06
	B06	71.14	37.42	7.06
	B01	71.14	37.42	7.06
	E01	71.09	38.00	7.01
BEAR ISLAND	D01	71.02	124.79	9.44
	D02 P	71.02	124.79	9.44
	B13	71.02	124.79	9.44
	B08	71.02	124.79	9.44
ESKIMO POINT	G01	70.97	321.89	10.47
	E03 P	70.97	321.89	10.47
	D01	70.97	321.89	10.47
ARCTICA II (NP-8)	C09	*70	205	13
	B10	*70	205	13
JULIANEHAAB	E01	70.82	36.26	6.91
	D01	70.75	36.15	6.87
BAR I	D02	70.54	256.88	9.53
INUVIK	F03	70.52	265.22	9.42
	F01	70.52	265.22	9.42
	D02	70.52	265.22	9.42
	E01	70.51	265.15	9.40
ARCTICA (NP-16)	B01	*70	214	11
BAR I	E01	70.29	257.38	9.26
	C08	70.29	257.38	9.26
	B08	70.29	257.38	9.26
FORT RELIANCE	D02	70.26	300.21	9.52
ENNADAI LAKE	E01	70.20	311.80	9.62
LEIRVOGUR	D02	70.12	71.51	6.06
	D01	70.12	71.51	6.06
REYKJAVIK	C08	70.12	71.51	6.06
	B08	70.12	71.51	6.06
	F04	70.09	71.18	6.04
	E01	70.09	71 18	6.04
	C08	70.09	71.35	6.04
	B08	70.09	71.35	6.04
	C09	70.07	71.29	6.03
	B01	70.07	71.29	6.03
BARTER ISLAND	D01	70.07	253.58	9.08
	B05	70.06	253.63	9.08
AKLAVIK	E01	70.06	264.43	8.95
ARCTICA (NP-11)	C09	*70	207	12
	B01	*70	207	12
FORT CHIMO	C09	69.57	1.62	7.89
	B01	69.57	1.62	7.89
WIESE IS	E01	69.35	164.06	12.34
FORT NORMAN	C09	69.17	278.44	8.19
	B01	69.17	278.44	8.19
ARCTICA (NP-10)	C09	*69	208	10
	B01	*69	208	10
YELLOWKNIFE	D01	69.05	293.89	8.31
	E01	69.02	293.93	8.29
	C09	69.02	293 93	8.29
	B01	69.02	293.93	8.29
BARROW	E04	68.95	241.36	8.38
	E01	68.95	241.36	8.38
VIK	B05	68.92	73.65	5.52
BARROW	C08	68.90	241.53	8.32
	B12	68.90	241.53	8.32
	B08	68.90	241.53	8.32
CHURCHILL	E04	68.74	323.46	8.39
	E03	68.74	323.46	8.39
	E01	68.74	323.46	8.39
	D01	68.74	323.46	8.39
	B07	68.74	323.46	8.39
	C09	68.73	323.32	8.38
	B11	68.73	323.32	8.38
	B05	68.73	323.32	8.38
	B01	68.73	323.32	8.38
	F04	68.69	323.49	8.35
	F03	68.69	323.49	8.35
	F01	68.69	323.49	8.35
	C08	68.66	323.57	8.32
	B08	68.66	323.57	8.32
BARROW	B05	68.66	241.49	8.12
	D02	68.64	241.55	8.10
	D01	68.64	241.55	8.10
	C10	68.63	241.52	8.10
	C09	68.63	241.52	8.10
	B01	68.63	241.52	8.10
LAZAREV	D01	68.40	112.74	6.65
ARCTICA (NP-10)	D01	*68	210	9
ARCTICA (NP-19)	B01	*67	200	10
ST ANTHONY	D02	67.71	26.48	5.69
O DAY	E01	67.56	324.04	7.53
HERCHMER	G01	67.37	324.29	7.41
	D01	67.37	324.29	7.41
ANDOYA	E03	67.27	114.25	6.16
	B05	67.27	114.25	6.16
	B04	67.27	114.25	6.16
CAPE ZHELANIA	E01	67.16	157.21	9.48
ANDENES	B05	67.09	113.98	6.07
TROMSO	E03	67.07	117.10	6.24
	E01	67.07	117.10	6.24
	C09	67.07	117.10	6.24
	B15	67.07	117.10	6.24
	B13	67.07	117.10	6.24
	B08	67.07	117.10	6.24
	B07	67.07	117.10	6.24
	B01	67.07	117.10	6.24
	D02	67.05	117.02	6.22
	D01	67.05	117.02	6.22
	B02	67.04	116.98	6.21
GILLAM	E03 P	66.80	324.16	7.05
	D01	66.80	324.16	7.05
WOLLASTON LAKE	E04	66.78	312.07	6.94
UEDINENIE IS	E01	66.76	164.96	9.65
FORT YUKON	E04	66.73	257.31	6.46
	E03	66.73	257.31	6.46
	E01	66.73	257.31	6.46
	D02	66.73	257.31	6.46
	C08	66.73	257.31	6.46
	B08	66.73	257.31	6.46
	D01	66.72	257.27	6.45
GOOSE BAY	B11	66.60	12.91	5.77
GREAT WHALE	C10	66.58	347.98	6.67
	C08	66.58	347.98	6.67
	B13	66.58	347.98	6.67

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STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
GREAT WHALE	B08	66.58	347.98	6.67
	E04	66.57	348.05	6.66
	E01	66.57	348.05	6.66
	D02	66.57	348.05	6.66
	D01	66.57	348.05	6.66
SKIBOTN	E01	66.55	117.69	6.03
BIRD	E01	66.48	324.64	6.87
CAPE CHELYUSKIN	E01	66.36	176.72	9.62
	D02	66.28	176.70	9.55
	D01	66.28	176.70	9.55
KNOB LAKE	E01	66.26	3.80	5.98
	B13	66.26	3.80	5.98
	B12	66.26	3.80	5.98
FORT CHEPEWYAN	D02	66.17	301.51	6.45
TUNGSTEN	D02	66.04	279.00	6.11
ABISKO	E01	65.94	115.28	5.64
	D01	65.94	115.28	5.64
CAPE JONES	C08	65.91	345.29	6.39
	B08	65.91	345.29	6.39
KEVO	E01	65.83	122.79	6.00
	D02 P	65.83	122.79	6.00
	B08	65.83	122.79	6.00
BETTLES	E01	65.80	251.46	6.01
UTSJOKI	E01	65.74	123.17	5.98
	B08	65.74	123.17	5.98
STEVENS VILLAGE	E01	65.70	255.59	5.91
GILLAM	B05	65.70	322.53	5.43
EAGLE	E01	65.29	264.14	5.68
TORSHAVN	C08	65.27	85.19	4.39
	B08	65.27	85.19	4.39
ALLAKAKET	E01	65.26	251.09	5.74
KOTELNY IS	E01	65.25	195.41	8.09
KIRUNA	E03	65.20	115.94	5.38
	E01	65.20	115.94	5.38
	F04	65.19	115.94	5.37
	F03	65.19	115 94	5.37
	F01	65.19	115.94	5.37
	D02	65.19	115.93	5.37
	D01	65.19	115.93	5.37
	C09	65.17	115.88	5.36
	C08	65.17	115.88	5.36
	B08	65.17	115.88	5.36
	B06	65.17	115.88	5.36
	B01	65.17	115.88	5.36
TUNGSTEN	E01	65.16	280.16	5.69
KIRUNA	B05	65.13	116.55	5.38
ESRANGE	E01	65.12	116.49	5.38
CHATANIKA	B03	65.01	257.08	5.57
ALBUQUERQUE	B05	65.00	257 03	5.57
ALASKA ROCKET RA	B05	65.00	257.03	5.57
FORT SMITH	D02	64.99	298.47	5.81
	D01	64.99	298.47	5.81
WRANGEL ISLAND	E01	64.88	226.43	6.17
ULASKA	B02	64.88	257.16	5.51
COLLEGE	C10	64.76	256.98	5.46
	C09	64.76	256.98	5.46
	B01	64.76	256.98	5.46
	B02	64.74	257.02	5.45
	D02	64.73	256.99	5.45
	D01	64.73	256.99	5.45
MUONIO	E01	64.72	118.62	5.33
FORT WAINWRIGHT	B05	64.72	257.22	5.44
COLLEGE	G01	64.72	256.98	5.44
	E04	64.72	256.98	5.44
	E03	64.72	256.98	5.44
	E01	64.72	256.98	5.44
	C08	64.72	256.98	5.44
	B11	64.72	256 98	5.44
	B10	64.72	256.98	5.44
	B08	64.72	256.98	5.44
COLLEGE	F04	64.71	257.01	5.44
	F01	64.71	257.01	5.44
	B13	64.71	257.01	5.44
	B12	64.71	257.01	5.44
	B12	64.71	257.01	5.44
	B05	64.71	257.24	5.43
SKAULO	E01	64.70	116.00	5.20
EIELSON AFB	D01	64.70	257.87	5.43
	B01	64.70	257.95	5.43
THOMPSON	E04	64.68	321.69	5.92
	E03	64.68	321.69	5.92
	D01	64.68	321.69	5.92
IVALO	B08	64.67	122.37	5.50
	F04	64.66	122.20	5.48
	E01	64.66	122.20	5.48
	D01	64.64	122.24	5.48
GOOSE BAY	B08	64.61	12.54	5.02
	B06	64.61	12.54	5.02
	B01	64.61	12.07	5.04
MELVILLE AFB	D01	64.56	12.49	5.01
GOOSE BAY	F03	64.54	12.67	5.00
	F01	64.54	12.67	5.00
FORT GREELY	B05	64.48	260.34	5.32
BIG DELTA	D02	64.36	259.79	5.27
	D01	64.36	259.79	5.27
MCMURRAY	D02	64.22	302.66	5.50
NORTHWAY	E01	64.20	264.24	5.20
FORT MCMJRRAY	D01	64.20	302.54	5.50
NORTHWAY	D01	64.18	264.32	5.19
	B11	64.18	264.32	5.19
MURMANSK	B01	64.10	126.77	5.51
	E04	64.06	126.80	5.50
	E03	64.06	126.80	5.50
	E01	64.06	126.80	5.50
	B14	64.06	126.80	5.50
	B08	64.06	126.80	5.50
	B10	64.04	126.76	5.49
	B07	64.04	126.76	5.49
ESTER DOME	E03	63.95	257.61	5.11
KRONOGARD	B05	63.88	113.68	4.82
KOTZEBUE	D02	63.81	242.58	5.21
	D01	63.77	242.52	5.20
	B13	63.77	242.52	5.20
SODANKYLA	F04	63.73	120.32	5.06
	E01	63.73	120.32	5.06
	B15 P	63.73	120.32	5.06
	B13	63.73	120.32	5.06
	B08	63.73	120.32	5.06
	B06	63.73	120.32	5.06
	B01	63.73	120.32	5.06
HEALY	E01	63.73	256.85	5.03
FLIN FLON	E01	63.73	315.40	5.44
SODANKYLA	G01	63.69	120.31	5.04
	D02	63.69	120.31	5.04
	D01	63.69	120.31	5.04
HEALY	D01	63.60	257.03	4.98
NORWAY HOUSE	G01	63.58	321.11	5.44
	D01	63.58	321.11	5.44
PAXSON	B08	63.54	260.96	4.95
KOTZEBUE	E01	63.50	243.04	5.08
WHITE HORSE	E01	63.48	273.14	4.94
KOTZEBUE	E04	63.48	242.96	5.07
MURMANSK	F01	63.41	126.09	5.22
	D01	63.41	126.09	5.22
LOPARSKAYA	G01	63.41	126.09	5.22
PREOBRAZHENIE	E01	63.23	181 39	7.27
THE PAS	B01	63.19	317.04	5.24
KRISTINEBERG	E01	63.09	111.59	4.50
DIXON	D02	63.01	161.84	6.92
	D01	63.01	161.84	6.92

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STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
DIXON	E01	62.97	161.71	6.89
	B08	62.97	161.71	6.89
	B07	62.97	161.71	6.89
	B01	62.97	161.71	6.89
CAPE SCHMIDT	E01	62.94	227.74	5.22
LULEA	B01	62.90	114.96	4.57
CAPE SCHMIDT	F02	62.86	227.81	5.19
	F01	62.86	227.81	5.19
LOVOZERO	D02	62.85	127.27	5.08
	D01	62.85	127.27	5.08
CAPE SHALAUROV	E01	62.85	200.05	6.36
APATITY	F04	62.74	125.59	4.97
	F03	62.74	125.59	4.97
	F01	62.74	125.59	4.97
	D01	62.74	125.61	4.97
LYCKSELE	B01	62.70	111.37	4.38
CAPE SCHMIDT	B01	62.70	227.11	5.14
MOOSONEE	G01 P	62.68	344.73	5.07
	E01	62.68	344.73	5.07
	B08	62.68	344.73	5.07
LYCKSELE	E01	62.65	111.19	4.36
	B11	62.65	111.19	4.36
	B08	62.65	111.19	4.36
PRIMROSE LAKE	B05	62.56	305.44	4.88
LERWICK	E01	62.43	89.00	3.73
	D02	62.43	89.00	3.73
	D01	62.43	89.00	3.73
COLD LAKE	B08	62.28	305.29	4.78
DOMBAS	D01	62.17	100.48	3.92
CHETIREKHSTOLB	E01	62.17	213.84	5.41
MOOSE RIVER	B11	62.16	344.37	4.90
SHEEP MOJNTAIN	B08	62.05	260.26	4.43
TALKEETNA	E01	61.98	257.47	4.41
CAPE WELLEN	E01	61.90	237.42	4.60
	A06	61.90	237.42	4.60
MEANOOK	E03	61.89	301.62	4.62
	E01	61.89	301.62	4.62
	D02	61.89	301.62	4.62
	D01	61.89	301.62	4.62
	B12	61.89	301.62	4.62
CAPE WELLEN	D02	61.89	237.51	4.59
	D01	61.89	237.51	4.59
MEANOOK	B08	61.88	301.66	4.61
	B01	61.88	301.66	4.61
OULU	F03	61.77	117.19	4.34
	F01	61.77	117.19	4.34
	E01	61.76	117.55	4.35
	D02	61.76	117.55	4.35
	B13	61.76	117.55	4.35
	B11	61.76	117.55	4.35
	B08	61.76	117.55	4.35
	B06	61.76	117.55	4.35
PRINCE ALBERT	B08	61.74	311.60	4.66
	B03	61.73	311.30	4.66
	B02	61.73	311.30	4.66
MOISIE	B13	61.63	4.54	4.37
PORT CLARENCE	C06	61.52	241.01	4.42
FAREWELL	E04	61.43	253.92	4.26
	E01	61.43	253.92	4.26
	B13	61.43	253.94	4.27
	B08	61.43	253.94	4.27
	B07	61.43	253.94	4.27
BERGEN	F03	61.39	95.51	3.63
	F01	61.39	95.51	3.63
SWAN RIVER	B01	61.31	317.70	4.58
SOUTH UIST	B05	61.10	80.54	3.33
ANCHORAGE	D02	61.04	258.55	4.14
	D01	61.01	258.60	4.13
	B09	61.01	258.60	4.13
	B08	61.01	258.60	4.13
ANCHORAGE	B01	61.01	258.60	4.13
	C10	60.98	258.61	4.12
	C06	60.98	258.61	4.12
	B13	60.98	258.61	4.12
	B12	60.98	258.61	4.12
AMDERMA	B08	60.95	147.55	5.38
LEDUC	D02	60.91	302.15	4.31
SOUTH UIST	D02	60.90	80.61	3.29
	D01	60.90	80.61	3.29
	B13	60.90	80.61	3.29
	B07	60.90	80.61	3.29
	B01	60.90	80.61	3.29
MUOSTAKH	E01	60.55	192.42	5.61
SASKATOON	E03	60.54	311.06	4.29
	E01	60.54	311.06	4.29
	D01	60.54	311.06	4.29
	B15	60.54	311.06	4.29
	B13	60.54	311.06	4.29
	B01	60.54	311.06	4.29
INVERNESS	B07	60.51	83.78	3.26
	B01	60.51	83.78	3.26
TIXIE BAY	E04	60.50	191.65	5.61
	E01	60.50	191.65	5.61
	B08	60.50	191.65	5.61
	B01	60.50	191.65	5.61
	F02	60.48	191.72	5.60
	F01	60.48	191.72	5.60
	D02	60.48	191.72	5.60
	D01	60.48	191.72	5.60
GIRARDVILLE	D01	60.45	355.84	4.25
WETASKIWIN	B13	60.29	302.45	4.14
FRASERBURGH	B01	60.28	86.05	3.25
KEM	D01	60.23	124.27	4.19
WILDWOOD	B08	60.16	257.89	3.91
HARESTUA	C03	60.10	99.55	3.46
	A08	60.10	99.55	3.46
SITKA	D02	60.09	275.86	3.91
	D01	60.09	275.86	3.91
MONT JOLI	B13	60.07	1.68	4.05
KAZACHIE	E01	60.07	196.65	5.26
LEVEL IS	B13	59.98	278.68	3.89
PLESETSK	B05	59.93	129.40	4.30
NARYAN MAR	E01	59.91	140.16	4.72
WINNIPEG	B04	59.88	327.17	4.23
	B01	59.88	327.17	4.23
KJELLER	B07	59.88	100.56	3.44
	B06	59.88	100.56	3.44
	B01	59.88	100.56	3.44
ABERDEEN(UK)	G01	59.88	85.77	3.18
DOGOSCHELIE	B09	59.80	131.83	4.36
ROBERVAL	B13	59.77	356.49	4.07
PROVIDENYA	B01	59.67	236.15	3.96
WINNIPEG	B07	59.66	323.61	4.15
RED DEER	D02	59.59	302.41	3.95
PORTAGELAPRAIRIE	B01	59.53	322.23	4.10
WINNIPEG	E03 P	59.40	323.79	4.08
	D01	59.40	323.79	4.08
SAVOONGA	B13	59.40	239.10	3.85
HOMER	E04	59.35	258.30	3.71
	B12	59.35	258.30	3.71
BORLANGE	B12	59.35	104.55	3.43
VAL D OR	B08	59.31	349.05	4.06
BURGHEAD	B01	59.26	91.65	3.16
REGINA	E01	59.20	314.40	3.96
ANNETTE IS	C10	59.10	280.86	3.69
	B12	59.10	280.86	3.69
EDINBURGH	E02	58.93	83.76	3.00
	D02	58.93	83.76	3.00

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
EDINBURGH	C06	58.93	83.76	3.00
	C01	58.93	83.76	3.00
	B08	58.93	83.76	3.00
	B07	58.93	83.76	3.00
	A06	58.93	83.76	3.00
ARKHANGELSK	E01	58.89	128.72	4.02
BAIE ST PAUL	D03	58.85	358.59	3.83
	D02	58.85	358.59	3.83
	B08	58.85	358.59	3.83
	B01	58.85	358.59	3.83
EARLYBURN	D02	58.76	83.58	2.97
EAST GRAND FORK	B02	58.72	324.18	3.91
ST JOHNS	B02	58.57	21.81	3.30
NORILSK	E01	58.50	165.11	5.06
	B08	58.50	165.11	5.06
	B01	58.50	165.11	5.06
UPPSALA	F03	58.49	106.32	3.31
	F01	58.49	106.32	3.31
	E01	58.49	106.32	3.31
PRINCE RUPERT	B01	58.48	282.96	3.56
UPPSALA	D01	58.44	106.28	3.30
	B15	58.44	106.28	3.30
	B12	58.44	106.28	3.30
	B08	58.44	106.28	3.30
	B01	58.44	106.28	3.30
ST JOHNS	D01	58.44	21.82	3.27
	B01	58.44	21.82	3.27
LORING AFB	D01	58.42	2.07	3.68
NORILSK	F01	58.37	165 04	5.01
ESKDALEMUIR	D02	58.37	83.34	2.91
	D01	58.37	83.34	2.91
CALGARY	F01	58.36	302.71	3.66
	D02	58.36	302.71	3.66
ENKOPING	E02	58.33	105.70	3.27
	D02	58.33	105.70	3.27
JORDANSTOWN	G01	58.32	80.16	2.87
SULPHUR MOUNTAIN	F03	58.23	300 91	3.62
	F01	58.23	300.92	3.62
ENKOPING	C06	58.22	105.80	3.25
	B14	58.22	105.80	3.25
	B09	58.22	105.80	3.25
BELFAST	F03	58.21	80.05	2.85
	F01	58.21	80.05	2.85
KEWEENAW, MICHIG	B05	58.16	336.32	3.84
PRESQUE ISLE	E01	58.05	1.88	3.61
SUFFIELD	B13	58.01	306.53	3.61
LOVO	D01	57.98	106.16	3.22
NURMIJARVI	D02	57.79	112.95	3.34
	D01	57.79	112.95	3.34
	B08	57.79	112.95	3.34
	B01	57.78	112.89	3.34
ASHLAND	D02	57.77	1.52	3.57
STOCKHOLM	C06	57.75	106.22	3.18
SALTSJOBADEN	C01	57.75	106.35	3.19
HOUGATON	B11	57.63	334.80	3.71
CAPE RACE	C06	57.55	21 04	3.14
DEEP RIVER	F03	57.43	349.64	3.64
	F02	57.43	349.64	3.64
	F01	57.43	349.64	3.64
ONSALA	C03	57.32	99.43	2.98
SALEKHARD	E01	57.30	149.26	4.30
	B01	57.30	149.26	4.30
LAKE TRAVERSE	E01	57.27	348.94	3.62
SHINGLETON	E03	57.23	338 09	3.64
	E01	57.23	338.09	3.64
ALSBJERG	B12	57.20	96.31	2.91
	B04	57.20	96.31	2.91
DUNSINK	C06	57.16	78.89	2.69
	C01	57.16	78.89	2.69
	A06	57.16	78.89	2.69
KING SALMON	E04	57.11	254.65	3.26
	B08	57.11	254.65	3.26
OLENEK	E01	57.03	181.33	4.60
MT ST HILAIRE	D02	56.93	352.70	3.52
STONYHURST	D02	56.84	83.14	2.69
	D01	56.84	83.14	2.69
OTTAWA	C03	56.83	354.72	3.49
	C01	56.83	354.72	3.49
	A10	56.83	354.72	3.49
	A08	56.83	354.72	3.49
	A06	56.83	354.72	3.49
PRESTON	C06	56.81	82.86	2.69
	A01	56.81	82.86	2.69
OTTAWA	F03	56.79	352.13	3.50
	F01	56.79	352.13	3.50
	D01	56.79	352.13	3.50
	B08	56.79	352.00	3.50
	B07	56.79	352.00	3.50
	B13	56.78	351.75	3.50
	B10	56.78	351.75	3.50
	B04	56.78	351.75	3.50
	B01	56.78	351.75	3.50
FARGO	E01	56.75	325.10	3.48
VERKHOYANSK	E01	56.74	195.67	4.22
DUBLIN	A06	56.74	79.01	2.64
OTTAWA	B02	56.73	351.78	3.49
GLASGOW,MONT	B13	55.70	313.09	3.39
YORK	D02	56.68	84.63	2.69
LEEDS	F01	56.65	84.04	2.68
ROSCHINO	E01	56.60	116.94	3.24
OTTAWA	E04	56.59	352.27	3.46
	E01	56.59	352.27	3.46
	D02	56.59	352.27	3.46
VALENTIA	D02	56.54	73.92	2.58
	D01	56.54	73.92	2.58
HIGHGATE SPGS	B01	56.45	355.37	3.41
KOOTWIJK	B10	56.42	92.19	2.75
SHEFFIELD	E01	56.33	83.49	2.63
	B13	56.33	83.49	2.63
	B10	56.33	83.49	2.63
SOGRA	D02	56.32	132.04	3.58
	B13	56.32	132.04	3.58
EAST QUODDY,CAN	B05	56.29	7.73	3.21
ERROL	B01	56.26	357.88	3.35
JODRELL BANK	C03	56.23	82.94	2.61
	B10	56.23	82.94	2.61
	A08	56.23	82.94	2.61
LENINGRAD	E03	56.17	117.70	3.18
	D01	56.17	117.70	3.18
	B01	56.17	117.70	3.18
PULKOVO	C03	56.07	117.27	3.16
	C02	56.07	117.27	3.16
	A03	56.07	117.27	3.16
HALIFAX	B13	56.01	7.61	3.16
LANCASTER	B11	55.95	83.11	2.58
	B10	55.95	83.11	2.58
	B08	55.95	83.11	2.58
	B07	55.95	83.11	2.58
	B06	55.95	83.11	2.58
	B01	55.95	83.11	2.58
SITKINAK	C06	55.90	258.04	3.04
ABERYSTWYTH	D02	55.82	80.67	2.54
	D01	55.82	80.67	2.54
	B13	55.82	80.67	2.54
	B11	55.82	80.67	2.54
	B10	55.82	80.67	2.54
	B07	55.82	80.67	2.54
	B06	55.82	80.67	2.54
	B03	55.82	80.67	2.54
	B01	55.82	80.67	2.54

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
MT WASHINGTON	F01	55.77	357.67	3.27
COPENHAGEN	D02	55.76	98.92	2.76
	D01	55.76	98 92	2.76
	B11	55.76	98.92	2.76
	B06	55.76	98.92	2.76
PENTICTON	C03	55.70	297.35	3.11
HORBY	B09	55.61	99.93	2.75
CHOTEAU	E01	55.50	306.41	3.12
SALTHOLM	B13	55.48	99.11	2.72
NEDERHORST DEN B	A08	55.45	90.73	2.61
HAMBURGER HALLIG	B13	55.31	94.74	2.64
SYLT	C06	55.24	94.01	2.62
MALVERN	B03	55.19	82.28	2.49
ABERDEEN (US)	C05	55.17	323.45	3.18
	A11	55.17	323.45	3.18
TORONTO	G01	55.16	347.44	3.24
	C03	55.16	347.44	3.24
HANOVER	E01	55.16	356.55	3.18
	B13	55.16	356.42	3.18
	B01	55.16	356.55	3.18
NORWICH	B13	55.15	356.38	3.18
NEWPORT	D02	55.15	300.76	3.03
	D01	55.15	300.76	3.03
KETTLE FALLS	E03	55.07	299.54	3.01
SWANSEA	B10	55.05	80.29	2.46
	B07	55.05	80.29	2.46
AGINCOURT	D01	55.04	347.62	3.22
BEARLEY	C06	55.00	82.54	2.47
EAST ANGLIA	D02	54.95	86.22	2.50
	D01	54.95	86.22	2.50
KUHLUNGSBORN	B12	54.92	98.64	2.65
	B10	54.92	98.64	2.65
	B09	54.92	98.64	2.65
	B06	54.92	98.64	2.65
LEICESTER	C06	54.81	83.56	2.46
	B13	54.81	83.56	2.46
	B09	54.81	83.56	2.46
	B01	54.81	83.56	2.46
CAMBRIDGE	B13	54.80	84.79	2.47
	B10	54.78	84.78	2.47
	B06	54.78	84.78	2.47
KIEL	F03	54.77	95.77	2.59
	F01	54.77	95.77	2.59
	C04	54.77	95.77	2.59
	C03	54.77	95.77	2.59
	A08	54.77	95.77	2.59
CAMBRIDGE	C07	54.76	84.69	2.46
	C03	54.76	84.69	2.46
	A14	54.76	84.69	2.46
	A08	54.76	84.69	2.46
STAR HILL	B14	54.74	352.71	3.15
PENTICTON	A08	54.74	297.82	2.95
NORDDEICH	B09	54.74	92.61	2.55
NORTHFIELD	F01	54.73	330.11	3.14
SIKTIVKAR	E01	54.72	135.04	3.36
OSHKOSH	C06	54.71	336.27	3.16
ROCHESTER	B13	54.64	350.14	3.15
EDMONTON CANADA	B06	54.60	305 83	2.97
DURHAM	F01	54.57	358.29	3.08
	D01	54.57	358.29	3.08
RIGA	C03	54.56	110.15	2.79
	A08	54.56	110.15	2.79
HARTLAND	D02	54.52	79.44	2.39
	D01	54.52	79.44	2.39
PLUM IS	B12	54.47	358.07	3.06
WINGST	D02	54.46	94.47	2.54
	D01	54.46	94.47	2.54
JULIUSRUH/RUGEN	B07	54.44	99.06	2.60
MISSOULA	C06	54.43	304.69	2.94
JULIUSRUH/RUGEN	B01	54.40	99 06	2.59
KUHLUNGSBORN	E04	54.31	96.91	2.55
	C06	54.31	96.91	2.55
WARNKENHAGEN	D02	54.30	96.52	2.55
	D01	54.30	96.52	2.55
VICTORIA	D02	54.27	293 51	2.86
	D01	54.27	293.51	2.86
KUHLUNGSBORN	F03	54.27	97.25	2.55
	F02	54.27	97.25	2.55
	F01	54.27	97.25	2.55
	B14	54.27	97.25	2.55
	B13	54.27	97.25	2.55
VICTORIA	F01	54.25	293.54	2.86
	E01	54.25	293.54	2.86
SOMERTON	C06	54.25	81.28	2.38
SLOUGH	B01	54.25	83.72	2.40
BENNINGTON	C06	54.24	355.31	3.06
SLOUGH	C06	54.23	83.70	2.40
	C03	54.23	83.70	2.40
	B14	54.23	83.70	2.40
	A08	54.23	83.70	2.40
BRACKNELL	B10	54.22	83.48	2.40
BADDOW	B01	54.22	84.90	2.41
SLOUGH	B07	54.21	83.55	2.39
	B02	54.21	83.55	2.39
BRENTWOOD	C06	54.20	84.66	2.40
LONDON	F03	54.18	84.21	2.40
	F01	54.18	84.21	2.40
NOORD OOST POLD	D02	54.17	90.57	2.46
VICTORIA	B01	54.16	293.59	2.85
LONDON	B13	54.15	84.19	2.39
	A17	54.15	84.19	2.39
CHILBOLTON	D01	54.15	82.24	2.38
	B13	54.15	82.24	2.38
GRAFTON	C06	54.11	349.99	3.07
	C03	54.11	349.99	3.07
SAGAMORE HILL	A08	54.08	358.33	3.01
TULALIP	D02	54.07	295.06	2.84
BOSTON	B01	54.07	357.70	3.01
BILLERICA	B01	54.07	357.70	3.01
WITTEVEEN	D02	54.06	91.62	2.46
	D01	54.06	91.62	2.46
MILLSTONE HILL	B12	54.06	357.45	3.01
	B03	54.06	357.45	3.01
	B01	54.06	357.45	3.01
SIDMOUTH	D02	53.99	80.54	2.35
	D01	53.99	80.54	2.35
	B13	53.99	80.54	2.35
	B09	53.99	80.54	2.35
BEDFORD	B08	53.95	357.73	2.99
TATSFIELD	B14	53.92	84.18	2.37
MAYNARD	B07	53.89	357.52	2.99
	B04	53.89	357.52	2.99
	B01	53.89	357.52	2.99
ITHACA	E04	53.87	351.20	3.03
	E03	53.87	351.20	3.03
	E01	53.87	351.20	3.03
LEICESTER	A11	53.86	83.01	2.35
WESTON	D01	53.85	357.68	2.98
SAGAMORE HILL	C04	53.85	358.22	2.97
	C03	53.85	358.22	2.97
PROSPECT HILL	A09	53.85	357.77	2.98
DWINGELOO	C04	53.85	90.99	2.43
	C03	53.85	90.99	2.43
	A08	53.85	90.99	2.43
AMSTERDAM	F02	53.84	89.58	2.41
THE HAGUE	B04	53.83	89.00	2.41
TATSFIELD	C06	53.83	84.14	2.36
NEDERHORST DEN B	F01	53.82	89.74	2.41
	C06	53.82	89.74	2.41
	C04	53.82	89.74	2.41

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
NEDERHORST DEN	BC03	53.82	89.74	2.41
	C01	53.82	89.74	2.41
	B10	53.82	89.74	2.41
	A10	53.82	89.74	2.41
ITHACA	C03	53.81	351.18	3.02
LONDON/ONTARIO	B11	53.77	345.41	3.03
	B09	53.77	345.41	3.03
WELLESLEY	C06	53.75	357.71	2.96
LEXINGTON	C06	53.74	357.91	2.96
MCMATH-HULBERT	D01	53.73	342.72	3.02
	C06	53.73	342.72	3.02
	C03	53.73	342.72	3.02
	C01	53.73	342.72	3.02
	B08	53.73	342.72	3.02
	A05	53.73	342.72	3.02
	A04	53.73	342.72	3.02
HAMILTON	C03	53.72	358.09	2.96
	B11	53.72	358.09	2.96
	B06	53.72	358.09	2.96
SEATTLE	C03	53.71	294.96	2.79
	B13	53.71	294.96	2.79
	B01	53.71	294.96	2.79
	A08	53.71	294.96	2.79
SOUTH HADLEY	A02	53.70	356.11	2.97
UTRECHT	F04	53.67	89.71	2.40
	F03	53.67	89.71	2.40
	F01	53.67	89.71	2.40
	C01	53.67	89.71	2.40
DE BILT	B10	53.67	89.79	2.40
	B09	53.67	89.79	2.40
	B07	53.67	89.77	2.40
	B01	53.67	89.79	2.40
MADISON	B11	53.66	335.64	2.99
GOONHILLY	D02	53.66	80.39	2.31
PULLMAN	E01	53.63	301.22	2.80
	C03	53.63	301.22	2.80
	B12	53.63	301.22	2.80
	B08	53.63	301.22	2.80
	B04	53.63	301.22	2.80
SEATTLE	D02	53.60	295.09	2.77
COUGAR MT	D02	53.60	295.09	2.77
SCITUATE	C06	53.59	358.79	2.93
HERSTMONCEUX	C06	53.50	84.30	2.33
	C01	53.50	84.30	2.33
	A06	53.50	84.30	2.33
	A02	53.50	84.30	2.33
	F03	53.47	84.29	2.33
	F01	53.47	84.29	2.33
ANDOVER	E03	53.47	358.09	2.92
YAKIMA	C06	53.41	297.96	2.76
HEL	D01	53.35	104.08	2.55
CORNELL	C06	53.35	350.61	2.96
WILLIAMS BAY	E03	53.30	336.32	2.94
	E01	53.30	336.32	2.94
ANN ARBOR	G01	53.28	342.24	2.95
	C04	53.28	342.24	2.95
BATTLE CREEK	B13	53.24	340.42	2.95
NEUSTRELITZ	C06	53.22	98.01	2.45
	C03	53.22	98.01	2.45
	B13	53.22	98.01	2.45
	B09	53.22	98.01	2.45
	B08	53.22	98.01	2.45
	A08	53.22	98.01	2.45
RAPID CITY	G01	53.16	318.46	2.83
	E04	53.16	318.46	2.83
	E03	53.16	318.46	2.83
	E01	53.16	318.46	2.83
GDANSK	A02	53.15	103.78	2.52
SREDNIKAN	D01	53.14	210.94	3.08
KALININGRAD	B01	53.10	105.77	2.54
KINGSTON	D02	53.08	357.19	2.88
COLD BAY	B06	52.96	251.08	2.64
BOROK	D02	52.95	123.53	2.83
	D01	52.95	123.53	2.83
HADDAM	C06	52.92	356.23	2.87
RICHLAND	G01	52.90	298.65	2.69
	E03	52.90	298.65	2.69
NANTUCKET ISLAND	C06	52.74	359.22	2.82
VERMILLION	E01	52.69	326.10	2.81
BOCHUM	B06	52.63	91.36	2.31
DOURBES	C06	52.61	88.26	2.28
	C01	52.61	88.26	2.28
	A06	52.61	88.26	2.28
	A02	52.61	88.26	2.28
	A01	52.61	88.26	2.28
CHICAGO	F01	52.60	337 43	2.85
POTSDAM	C03	52.53	97.61	2.37
	A08	52.53	97.61	2.37
	A03	52.53	97.61	2.37
	A02	52.53	97.61	2.37
WEST NYACK	C06	52.51	354.47	2.82
BLAUVELT	C06	52.50	354.42	2.82
RAMSEY	C06	52.48	354.20	2.82
POMPTON PLAINS	C06	52.43	354.39	2.81
CEDAR RAPIDS	B12	52.42	334.24	2.81
BRUXELLES	B08	52.35	87.96	2.25
	B06 P	52.35	87.96	2.25
BERLIN-ADLERSHOF	C03	52.33	97.98	2.36
	A08	52.33	97.98	2.36
	A03	52.33	97.98	2.36
	A01	52.33	97.98	2.36
PENN STATE U	C03	52.32	349.45	2.82
LAGRANDE	D02	52.31	300.80	2.62
LINDAU	C06	52.26	94.33	2.31
	B15	52.26	94.33	2.31
	B12	52.26	94.33	2.31
	B11	52.26	94.33	2.31
	B09	52.26	94.33	2.31
	B07	52.26	94.33	2.31
	B04	52.26	94.33	2.31
PLEASANT UNITY	C06	52.24	346.99	2.81
LINDAU	F04	52.22	94.28	2.30
	F03	52.22	94.28	2.30
	F01	52.22	94.28	2.30
	B06	52.22	94.28	2.30
	B01	52.22	94.28	2.30
COLOGNE	B10	52.22	90.85	2.27
NORTH LIBERTY	A08	52.19	339.27	2.80
GOTTINGEN	F01	52.18	94.07	2.30
	D02	52.18	94.11	2.30
	D01	52.18	94.11	2.30
ZEHLENDORF	B09	52.17	97.59	2.34
NIEMEGK	D02	52.16	96.99	2.33
	D01	52.16	96.99	2.33
PENN STATE U	B07	52.14	349.62	2.80
	B06	52.14	349.62	2.80
VALLEY COTTAGE	C06	52.10	354.68	2.77
BREST	B14	52.10	78.23	2.16
KOLBERG	B09	52.08	98.15	2.34
BILL	B14	52.05	316.19	2.66
BONN	C03	52.00	90.93	2.25
	A08	52.00	90.93	2.25
TORUN	C03	51.96	103.01	2.39
DOURBES	F03	51.89	88.15	2.22
	F01	51.89	88.15	2.22
	D02	51.89	88.15	2.22
	D01	51.89	88.15	2.22
	B09	51.89	88.15	2.22
	B08	51.89	88.15	2.22
	B07	51.89	88.15	2.22

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
DOURBES	B01	51.89	88.15	2.22
MANHAY	D01	51.87	89.31	2.22
LANNION	B06	51.87	79.41	2.15
	B01	51.87	79.41	2.15
BRETIGNY	B02	51.86	80.29	2.16
PENN STATE U	A08	51.84	349.65	2.76
DOURBES	C03	51.84	88.83	2.22
	A08	51.84	88.83	2.22
FORT MONMOUTH	C06	51.83	354.29	2.74
	B09	51.83	354.29	2.74
	B01	51.83	354.29	2.74
EFFELSBERG	B06 P	51.83	90.60	2.23
HALLE	F02	51.74	96.00	2.28
	F01	51.74	96.00	2.28
PITTSBURG	C06	51.73	346.76	2.75
FORT MONMOUTH	B12	51.68	354.40	2.72
LATROBE	C06	51.57	347.99	2.73
	A02	51.57	347.99	2.73
CASPER	D01	51.56	315.02	2.59
BROOKLYN PK	C06	51.45	355.66	2.69
MINSK	D01	51.42	110.76	2.44
DELAWARE	E01	51.38	343.27	2.70
COLLM	B09	51.38	96.90	2.26
	B10	51.37	96.90	2.26
SWARTHMORE	F03	51.30	352.78	2.68
	F01	51.30	352.78	2.68
DOMONT	B07	51.30	85.32	2.15
	B01	51.30	85.32	2.15
VAL-JOYEUX	B06	51.19	84.95	2.13
POWELL	C06	51.15	343.42	2.67
TRAPPES	B14	51.14	84.92	2.13
MEUDON	F03	51.14	85.18	2.13
WORTHINGTON	C06	51.13	343.28	2.67
ZVENIGORDD	G01	51.11	120.58	2.56
	E01	51.11	120.58	2.56
BAGNEUX	B14	51.11	85.22	2.13
	B01	51.11	85.22	2.13
YAKUTSK	G01	51.10	194.16	3.07
	E04	51.10	194.16	3.07
	E03	51.10	194.16	3.07
	E01	51.10	194.16	3.07
LEBANON	D02	51.05	353.83	2.65
GIF SUR YVETTE	F01	51.03	85.00	2.12
YAKUTSK	F03	51.02	194.19	3.05
	F02	51.02	194.19	3.05
	F01	51.02	194.19	3.05
	D02	51.02	194.19	3.05
	D01	51.02	194.19	3.05
UNALASKA	B13	51.01	248.40	2.42
	B08	51.01	248.40	2.42
YAKUTSK	B12	50.99	194.10	3.05
	B08	50.99	194.10	3.05
	B01	50.99	194.10	3.05
MOSCOW UNIVERSIT	F03	50.98	121.25	2.56
SONNEBERG	A02	50.84	94.69	2.19
MEUDON	C01	50.84	84.91	2.11
	A06	50.84	84.91	2.11
	A05	50.84	84.91	2.11
	A02	50.84	84.91	2.11
MOSCOW	B01	50.82	120.86	2.53
	D01	50.80	120.87	2.53
BIALKOW	G01	50.80	100.44	2.24
MOSCOW UNIVERSIT	C01	50.79	120.86	2.53
	A06	50.79	120.86	2.53
MOSCOW	F03	50.79	120.86	2.53
	F02	50.79	120.86	2.53
	F01	50.79	120.86	2.53
	C03	50.79	120.86	2.53
	C01	50.79	120.86	2.53
	B14	50.79	120.86	2.53
MOSCOW	B13	50.79	120.86	2.53
	B10	50.79	120.86	2.53
	B07	50.79	120.86	2.53
	A08	50.79	120.86	2.53
	A06	50.79	120.86	2.53
	A03	50.79	120.86	2.53
LINCOLN	F03	50.76	326.84	2.56
	F01	50.76	326.84	2.56
URBANA	B11	50.75	337.37	2.61
	B06	50.75	337.37	2.61
MAGADAN	D01	50.75	210.75	2.73
	B01	50.75	210.75	2.73
DANVILLE	B11	50.75	337.37	2.61
MAGADAN	F01	50.74	210.74	2.73
COLUMBUS	C06	50.72	343.47	2.62
TUNGUSKA	B01	50.67	164.74	3.17
MIEDZESZYN	B01	50.62	105.00	2.28
POCATELLO	E01	50.60	308.06	2.45
REDMOND	E01	50.57	297.63	2.41
DARMSTADT	C06	50.57	91.59	2.14
SWIDER	D01	50.53	105.00	2.27
DERWOOD	C06	50.47	350.63	2.59
PARIS-SACLAY	B01	50.44	84.89	2.08
BATAVIA	B01	50.42	342.16	2.59
URAL	A03	50.39	120.37	2.48
GREENBELT	C06	50.39	351.02	2.59
CHAMBON-LA-FORET	D02	50.39	84.71	2.07
WROCLAW	C01	50.37	100.64	2.21
	A06	50.37	100.64	2.21
	A04	50.37	100.64	2.21
	A02	50.37	100.64	2.21
	A01	50.37	100.64	2.21
CHAMBON-LA-FORET	D01	50.37	84.82	2.07
BELSK	F03	50.35	104.43	2.25
	D01	50.34	104.45	2.25
	B06 P	50.34	104.45	2.25
PANSKA VES	C06	50.32	98.00	2.18
	B09	50.32	98.00	2.18
	B14	50.31	98.00	2.18
MAYFIELD VILLAGE	C06	50.31	342.02	2.57
GORKY	B10	50.29	127.06	2.57
	B01	50.29	127.06	2.57
	C03	50.24	127.06	2.57
	A08	50.24	127.06	2.57
KARLSRUHE	A02	50.12	91.18	2.10
FRONT ROYAL	B14	50.11	349.37	2.56
RANDLE CLIFF	B06	50.06	352.83	2.55
CHELTENHAM	D01	50.06	351.08	2.55
WASHINGTON	B09	50.05	350.71	2.55
	B08	50.05	350.71	2.55
	B01	50.05	350.71	2.55
	C06	50.02	350.81	2.55
	C05	50.02	350.81	2.55
	C03	50.02	350.81	2.55
	C01	50.02	350.81	2.55
	B13	50.02	350.81	2.55
	A11	50.02	350.81	2.55
	A06	50.02	350.81	2.55
	A01	50.02	350.81	2.55
UPICE	C06	50.00	99.34	2.16
	C03	50.00	99.34	2.16
	C01	50.00	99.34	2.16
	B14	50.00	99.34	2.16
	B08	50.00	99.34	2.16
	A08	50.00	99.34	2.16
ST JOSEPH	C06	49.93	329.05	2.48
PANSKA VES	F03	49.93	97.64	2.14
	F01	49.93	97.64	2.14
PRUHONICE	B13	49.81	97.72	2.13
	B01	49.81	97.77	2.13

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
PRUHONICE	D01	49.80	97.72	2.13
	B09	49.80	97.72	2.13
	B14	49.77	97.70	2.13
BLOSSOM POINT	B02	49.77	350.73	2.52
ONDREJOV	G01	49.70	97.91	2.13
	D02	49.70	97.91	2.13
	C06	49.70	97.91	2.13
	C04	49.70	97.91	2.13
	C03	49.70	97.91	2.13
	C02	49.70	97.91	2.13
	C01	49.70	97.91	2.13
	B14	49.70	97.91	2.13
	B08	49.70	97.91	2.13
	A08	49.70	97.91	2.13
	A06	49.70	97.91	2.13
	A02	49.70	97.91	2.13
CARROLLTON	D01	49.65	330.94	2.45
LOGAN	B13	49.61	309.26	2.35
FREDERICKSBURG	F02	49.59	350.38	2.50
	D02	49.54	350.42	2.50
	D01	49.54	350.42	2.50
ANDREWS AFB	D01	49.54	350.42	2.50
GARCHY	D02	49.52	85.33	2.02
	B10	49.52	85.33	2.02
	B01	49.52	85.33	2.02
BOULDER	B02	49.51	317.03	2.37
	B09	49.48	316.83	2.37
	B04	49.48	316.83	2.37
ALLOIS	B09	49.45	94.09	2.01
FREIBURG/BREISAC	B13	49.41	90.04	2.04
POITIERS	B13	49.40	82.20	2.00
	B01	49.40	82.20	2.00
FREIBURG/BREISAC	C06	49.39	90.14	2.04
	B11	49.39	90.14	2.04
	B01	49.39	90.14	2.04
POITIERS	C06	49.37	82.24	2.01
FREIBURG/BREISAC	B10	49.34	90.11	2.03
	B07	49.34	90.11	2.03
	B06	49.34	90.11	2.03
PAEONIAN SPGS	C06	49.32	349.67	2.47
WALLOPS IS	B08	49.30	352.70	2.47
	B01	49.30	352.70	2.47
KAZAN	D01	49.27	130.73	2.52
BELOIT	D01	49.27	325.43	2.38
FREIBURG/BREISAC	A06	49.26	90.29	2.03
	A02	49.26	90.29	2.03
WALLOPS IS	B05	49.23	352.73	2.46
DABROWA GORNIC	A02	49.22	102.27	2.13
GLEN ELLYN	C06	49.20	311.35	2.31
SCHAUINSLAND	F03	49.19	90.21	2.02
	F02	49.19	90.21	2.02
	F01	49.19	90.21	2.02
	C01	49.19	90.21	2.02
RACIBORZ	D01	49.11	101.16	2.11
LOUISVILLE	C06	49.10	340.69	2.44
BUDKOV	D02	49.04	96.79	2.06
	D01	49.04	96.79	2.06
WARRENSBURG	B14	49.03	330.75	2.39
BOULDER	D02	49.03	317.04	2.32
	D01	49.03	317.04	2.32
	B14	49.02	317.20	2.32
	B06	48.99	316.97	2.31
	A08	48.99	316.97	2.31
	C06	48.92	316.99	2.31
	C05	48.92	316.99	2.31
	C04	48.92	316.99	2.31
	C03	48.92	316.99	2.31
	B13	48.92	316.99	2.31
	B12	48.92	316.99	2.31
	A15	48.92	316.99	2.31
ERIE	B01	48.90	316.99	2.31
KRAKOW	C03	48.89	102.48	2.11
BOULDER	C01	48.89	317.00	2.30
	B01	48.89	317.00	2.30
	A06	48.89	317.00	2.30
	A04	48.89	317.00	2.30
	A02	48.89	317.00	2.30
	A01	48.89	317.00	2.30
FRITZ PEAK	G01	48.77	316.82	2.29
	E03	48.77	316.82	2.29
	E01	48.77	316.82	2.29
WEISSENAU	F03	48.73	91.86	2.00
	F01	48.73	91.86	2.00
	C04	48.73	91.86	2.00
	C03	48.73	91.86	2.00
FURSTENFELDBRUCK	D02	48.73	93.75	2.02
	D01	48.73	93.75	2.02
MUNICH	F01	48.69	94.07	2.02
DENVER	F01	48.69	317.41	2.29
	F03	48.61	317.46	2.28
SHATSK	D01	48.60	124.06	2.35
BURLINGTON	D01	48.58	320.67	2.29
ZURICH	C04	48.51	90.77	1.98
	C01	48.51	90.77	1.98
	A02	48.51	90.77	1.98
VSETIN	B14	48.47	100.23	2.05
SVERDLOVSK	F02	48.46	141.05	2.57
	F01	48.46	141.05	2.57
	D01	48.46	141.05	2.57
	B14	48.46	141.05	2.57
	B07	48.46	141.05	2.57
	B01	48.42	141.06	2.57
LITTLETON	C06	48.31	317.50	2.25
CLIMAX	F01	48.15	316.14	2.23
	C01	48.15	316.16	2.23
	A07	48.15	316.16	2.23
	A07	48.15	316.16	2.23
	A06	48.15	316.16	2.23
SCHWARZENBURG	B01	48.14	88.59	1.95
WENDELSTEIN	C01	48.13	94.23	1.98
	A07	48.13	94.23	1.98
	A06	48.13	94.23	1.98
NOWY SACZ	A02	48.08	102.95	2.05
ZUGSPITZE	F03	48.07	93.13	1.97
	F01	48.07	93.13	1.97
LEADVILLE	D01	48.05	316.07	2.22
BERNE	C03	47.99	88.24	1.95
	A08	47.99	88.24	1.95
PREDIGTSTUHL	F03	47.96	95.08	1.98
	F01	47.96	95.08	1.98
SKALNATE PLESO	A02	47.95	102.69	2.04
LOMNICKY STIT	G01	47.95	102.69	2.04
	F03	47.95	102.69	2.04
	F01	47.95	102.69	2.04
	A07	47.95	102.69	2.04
LVOV	D01	47.94	106.26	2.07
HAFELEKAR	F03	47.89	93.47	1.96
	F02	47.89	93.47	1.96
	F01	47.89	93.47	1.96
BORDEAUX	C03	47.84	80.84	1.84
	A08	47.84	80.84	1.84
WIEN-KOBENZL	D01	47.82	98.61	1.99
LVOV	C01	47.81	106.48	2.07
	A06	47.81	106.48	2.07
MONT BLANC TUNNEL	F03	47.80	86.09	1.89
JUNGFRAUJOCH	F01	47.78	89.82	1.94
PRICE	D01	47.73	310.88	2.17
AROSA	C01	47.72	91.59	1.94
	A07	47.72	91.59	1.94
	A06	47.72	91.59	1.94

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
AROSA	A01	47.72	91.59	1.94
COLORADO SPRINGS	D01	47.52	318.31	2.18
ALDAN	E01	47.52	191.39	2.60
KIEV	F01	47.50	112.56	2.11
	D02	47.50	112.56	2.11
	D01	47.50	112.56	2.11
	B01	47.50	112.56	2.11
KAMENICE	B13	47.32	104.21	2.01
ADAK	C06	47.31	240.43	2.11
	B13	47.31	240.43	2.11
	B11	47.31	240.43	2.11
	B09	47.31	240.43	2.11
	B01	47.31	240.43	2.11
LOCARNO	C01	47.30	90.12	1.90
	A06	47.30	90.12	1.90
	A02	47.30	90.12	1.90
	A01	47.30	90.12	1.90
ADAK	D01	47.28	240.39	2.11
KIEV	C03	47.20	112.63	2.09
	C01	47.20	112.63	2.09
	B14	47.20	112.63	2.09
	A08	47.20	112.63	2.09
	A06	47.20	112.63	2.09
	A02	47.20	112.63	2.09
NAGYCENK	D02	47.13	98.71	1.95
	D01	47.13	98.71	1.95
	B09	47.13	98.71	1.95
HURBANOVO	D01	47.08	100.20	1.96
	C06	47.08	100.20	1.96
	C01	47.08	100.20	1.96
HOROUQUE	D02	47.04	80.01	1.77
NANCAY	C03	46.92	83.19	1.79
	A10	46.92	83.19	1.79
GRAZ	B11	46.87	97.33	1.92
	B06	46.87	97.33	1.92
	B01	46.87	97.33	1.92
KANZELHOHE	C01	46.78	95.62	1.91
	A07	46.78	95.62	1.91
	A06	46.78	95.62	1.91
	A03	46.78	95.62	1.91
	A02	46.78	95.62	1.91
SAINT SANTIN	B03	46.67	82.90	1.77
BUDAPEST	F03	46.58	100.72	1.93
ATTU	C06	46.52	231.20	2.08
LANDES TEST CENT	B05	46.51	84.55	1.77
TORINO	F03	46.44	88.97	1.81
	B13	46.44	88.97	1.81
	B08	46.44	88.97	1.81
ROSMAN NO	B06	46.32	344.54	2.19
	B02	46.32	344.54	2.19
TIHANY	D01	46.20	99.52	1.90
	B13	46.20	99.52	1.90
DEBRECEN	C01	46.11	103.29	1.92
	A07	46.11	103.29	1.92
	A04	46.11	103.29	1.92
	A01	46.11	103.29	1.92
LJUBLJANA	A02	46.08	95.74	1.87
TULSA	D01	46.00	328.89	2.09
	B08	46.00	328.89	2.09
PIC DU MIDI	A07	45.98	80.51	1.70
	A07	45.98	80.51	1.70
LOGRONO	D01	45.96	77.65	1.68
TOMSK	B01	45.91	159.93	2.48
PIC DU MIDI	F03	45.89	80.64	1.70
	F01	45.89	80.64	1.70
TOMSK	D01	45.88	159.95	2.48
	B10	45.88	159.95	2.48
	B07	45.88	159.95	2.48
TRIESTE	C03	45.82	95.05	1.86
	A08	45.82	95.05	1.86
TRIESTE	A02	45.82	95.05	1.86
	A01	45.82	95.05	1.86
BUENOS AIRES	F03	45.81	13.01	2.04
HAUTE PROVENCE	G01	45.77	86.51	1.74
	C01	45.77	86.51	1.74
	A06	45.77	86.51	1.74
GENOVA	B13	45.76	90.02	1.77
	B01	45.76	90.02	1.77
	D01	45.72	89.95	1.77
	B09	45.72	89.95	1.77
	B07	45.72	89.95	1.77
ROBURENT	D02	45.70	88.80	1.75
	D01	45.70	88.80	1.75
	B13	45.70	88.80	1.75
CASTELLACCIO	D01	45.61	89.88	1.76
SAN MIGUEL	D01	45.54	51.39	1.65
HUNTSVILLE	G01	45.33	340.08	2.09
	E03	45.33	340.08	2.09
	B01	45.33	340.08	2.09
GYULA	A01	45.31	102.57	1.87
TONOPAH	B05	45.25	305.01	1.96
BOLOGNA	A08	45.21	92.22	1.76
	F03	45.20	92.27	1.76
MONTE CARLO	B09	45.19	88.18	1.71
BUDAPEST	B01	45.10	102.33	1.85
KHARKOV	C01	45.07	117.94	1.98
	B10	45.07	117.94	1.98
	A06	45.07	117.94	1.98
LAUREL RIDGE	G01	45.04	290.21	1.93
	E03	45.04	290.21	1.93
COIMBRA	D01	44.94	70.72	1.60
ILE DU LEVANT	B05	44.77	86.92	1.67
PETROPAVLOVSK	D02	44.74	218.99	2.02
	D01	44.74	218.99	2.02
	B01	44.67	219.03	2.02
ESPANOLA	D01	44.67	317.17	1.94
NOVOSIBIRSK	B01	44.61	157 79	2.33
FLORENCE	B08	44.56	91.85	1.71
	B06	44.56	91.85	1.71
WHITE MOUNTAIN	F01	44.55	303.23	1.90
PALO ALTO	B06	44.52	303.52	1.90
BIG PINE	C04	44.50	303.41	1.90
ARCETRI	C06	44.50	91.88	1.71
	C03	44.50	91.88	1.71
	C01	44.50	91.88	1.71
	A08	44.50	91.88	1.71
	A06	44.50	91.88	1.71
	A05	44.50	91.88	1.71
	A01	44.50	91.88	1.71
NOVOSIBIRSK	F01	44.36	158.12	2.30
MADRID	A02	44.21	75.69	1.57
PARATUNKA	E03	44.18	218.74	1.98
BERKELEY	F03	44.13	298.77	1.87
	F01	44.13	298.77	1.87
OAKLAND	C06	44.07	298.90	1.87
BARCELONA	A02	44.06	81.85	1.60
EMBUDO	F03	43.98	316.63	1.89
TORTOSA	B06	43.82	79.90	1.57
	B01	43.82	79.90	1.57
	D01	43.80	80.11	1.57
	C06	43.80	80.11	1.57
	C01	43.80	80.11	1.57
	A02	43.80	80.11	1.57
BERMUDA	B13	43.80	5.62	1.97
TOLEDO	D02	43.78	75.13	1.55
	D01	43.78	75.13	1.55
	B08	43.78	75.13	1.55
STANFORD	B13	43.74	299.04	1.85
	B12	43.74	299.04	1.85
	B08	43.74	299.04	1.85

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
STANFORD	B04	43.74	299.04	1.85
	B03	43.74	299.04	1.85
	A09	43.74	299.04	1.85
	A03	43.74	299.04	1.85
	B06	43.70	299.02	1.84
	B01	43.70	299.02	1.84
LISBON	F03	43.70	69.47	1.53
BEOGRAD	B01	43.68	101.14	1.77
	A02	43.68	101.15	1.77
ODESSA	D02	43.61	111.51	1.83
	D01	43.61	111.51	1.83
STANFORD	D02	43.58	299.17	1.84
CASTLE ROCK	D01	43.55	299.14	1.83
BRASOW	B09	43.48	106.12	1.78
GROCKA	D02	43.46	101.34	1.76
	D01	43.46	101.34	1.76
SUNNYVALE	C06	43.35	299.35	1.82
VOLGOGRAD	B05	43.08	124.21	1.91
LUBBOCK	B09	43.01	322.35	1.85
DALLAS	F01	42.98	328.32	1.87
	D02	42.98	328.29	1.87
	D01	42.98	328.29	1.87
SOCORRO	F03	42.83	316.61	1.82
L-AQUILA	D02	42.77	93.37	1.61
	D01	42.77	93.37	1.61
ROME	B12	42.73	91.80	1.60
	B09	42.73	91.80	1.60
KAPUSTIN YAR	B05	42.69	125.43	1.89
CHINA LAKE	C06	42.59	304.31	1.78
	B06	42.59	304.31	1.78
KORETS	D01	42.47	139.16	2.00
ROME	F03	42.46	92.42	1.59
	F01	42.46	92.42	1.59
	C06	42.46	92.42	1.59
	C03	42.46	92.42	1.59
	C01	42.46	92.42	1.59
	B01	42.46	92.42	1.59
	A06	42.46	92.42	1.59
	A05	42.46	92.42	1.59
	A04	42.46	92.42	1.59
	A03	42.46	92.42	1.59
	A02	42.46	92.42	1.59
	A01	42.46	92.42	1.59
SURLARI	D01	42.45	106.48	1.73
ROSTOV	B10	42.45	119.59	1.83
	B07	42.45	119.59	1.83
	B01	42.43	119.58	1.83
POINT ARGUELLO	B01	42.22	301.26	1.76
BUCHAREST	C01	42.22	106.24	1.72
	A06	42.22	106.24	1.72
	A02	42.22	106.24	1.72
	A01	42.22	106.24	1.72
ALAMOGORDO	E03	42.20	32.25	1.65
	B08	42.20	32.25	1.65
SACRAMENTO PEAK	G01	41.65	318.16	1.75
	C06	41.65	318.22	1.75
	C03	41.65	318.22	1.75
	C02	41.65	318.22	1.75
	C01	41.65	318.22	1.75
	A07	41.65	318.22	1.75
	A06	41.65	318.22	1.75
	A04	41.65	318.22	1.75
	A02	41.65	318.22	1.75
	A01	41.65	318.22	1.75
EL ARENOSILLO	B09	41.59	71.44	1.43
	B05	41.59	71.44	1.43
	B01	41.59	71.44	1.43
BIG BEAR	C02	41.49	306.06	1.72
	C01	41.49	306.06	1.72
PARAMUSHIRO	B01	41.40	217.03	1.81

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
POINT ARGUELLO	B05	41.27	301.55	1.70
EGLIN AFB	B05	41.26	340.13	1.81
	B01	41.26	340.13	1.81
WHITE SANDS	B05	41.23	317.42	1.72
MT WILSON	D01	41.22	304.42	1.70
	C01	41.22	304.42	1.70
	A06	41.22	304.42	1.70
	A03	41.22	304.42	1.70
	A01	41.22	304.42	1.70
WHITE SANDS	C06	41.19	317.04	1.72
	B09	41.14	317.47	1.72
	B01	41.14	317.47	1.72
SIMFEROPOL	D01	41.14	113.72	1.71
	B14	41.14	113.72	1.71
BERVERLY HILLS	C06	41.14	303.83	1.70
SIMFEROPOL	B01	41.10	113.74	1.71
CALTECH	C02	41.09	304.49	1.70
	A04	41.09	304.49	1.70
UCLA	B06	41.08	304.00	1.70
SOFIA	B14	41.08	103.01	1.64
	B13	41.08	103.01	1.64
CARTUJA	A02	41.07	74.69	1.42
SIMFEROPOL	F03	41.06	113.62	1.70
	F01	41.06	113.62	1.70
SAN FERNANDO OBS	C06	41.06	303.95	1.69
	C03	41.06	303.95	1.69
	A08	41.06	303.95	1.69
	A05	41.06	303.95	1.69
	A04	41.06	303.95	1.69
	A03	41.06	303.95	1.69
	A01	41.06	303.95	1.69
IRKUTSK	F03	41.06	174.75	2.05
	F02	41.06	174.75	2.05
	F01	41.06	174.75	2.05
	D02	41.06	174.75	2.05
	C03	41.06	174.75	2.05
	C01	41.06	174.75	2.05
	B14	41.06	174.75	2.05
	B10	41.06	174.75	2.05
	B07	41.06	174.75	2.05
	B01	41.06	174.75	2.05
	A08	41.06	174.75	2.05
	A06	41.06	174.75	2.05
	A03	41.06	174.75	2.05
SOFIA	C06	41.04	103.13	1.64
	B09	41.04	103.13	1.64
	B06	41.04	103.13	1.64
BATON ROUGE	B01	41.04	334.98	1.78
POINT MUGU	B05	41.02	303.26	1.69
SOFIA	B01	41.00	103.08	1.63
LOCKHEED	C06	40.96	304.10	1.69
	C01	40.96	304.10	1.69
	A06	40.96	304.10	1.69
SAN FERNANDO OBS	A09	40.94	304.11	1.69
ALOUSHTA	D01	40.93	113.99	1.70
SANTA BARBARA	F03	40.92	303.42	1.69
MISENO	B13	40.89	94.53	1.53
SAN FERNANDO	D01	40.88	71.79	1.41
	C06	40.88	71.79	1.41
SARDINIA	B05	40.86	88.39	1.48
CAPRI S	C01	40.82	93.60	1.51
	A06	40.82	93.60	1.51
CAPRI F	D01	40.82	93.60	1.51
	C01	40.82	93.60	1.51
	A06	40.82	93.60	1.51
	A04	40.82	93.60	1.51
	A02	40.82	93.60	1.51
GILA BEND	B14	40.81	310.52	1.69
CORONA	B06	40.78	305.70	1.68
PANAGYURISHTE	D01	40.77	103.78	1.63

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
IRKUTSK	D01	40.75	175.08	2.02
GAINESVILLE	B13	40.75	345.24	1.80
SIMFEROPOL	G01	40.74	113.51	1.68
	C03	40.74	113.49	1.68
	C01	40.74	113.49	1.68
	B10	40.74	113.51	1.68
	A08	40.74	113.49	1.68
	A06	40.74	113.49	1.68
	A05	40.74	113.49	1.68
	A03	40.74	113.49	1.68
COLLEGE STATION	B06	40.74	330.00	1.74
BORREGO	D02	40.74	306.52	1.68
COLLEGE STATION	F03	40.69	329.13	1.73
SIBERIA	A06	40.59	174.71	2.01
YUMA,ARIZONA	B05	40.57	308.76	1.67
CLARK LAKE	C04	40.56	306.43	1.67
	B06	40.56	306.43	1.67
CHITA	B01	40.54	182.41	1.99
ALMERIA	D01	40.54	75.75	1.40
TUCSON	D02	40.48	312.72	1.67
	D01	40.48	312.72	1.67
	G01	40.44	312.59	1.67
ORMOND BEACH	C06	40.38	346.73	1.79
KARAGANDA	D01	40.31	149.04	1.91
	B01	40.31	149.04	1.91
NELC	C06	40.27	305.83	1.65
HOUSTON	C03	40.20	330.75	1.71
	C01	40.20	330.75	1.71
	A06	40.20	330.75	1.71
MUSSALA	F01	40.17	104.98	1.61
LA POSTA	A09	40.17	306.49	1.65
AUSTIN	D02	40.13	327.94	1.70
SAN NICOLAS IS	B05	40.10	303.17	1.64
TUCSON	C02	40.08	311.94	1.65
	A03	40.08	311.94	1.65
KITT PEAK	A03	40.07	311.93	1.65
LA POSTA	B01	39.99	305.34	1.64
FORT DAVIS	C04	39.88	321.11	1.66
LA JOLLA	A14	39.71	305.39	1.63
CROZET	D02	39.70	130.08	1.75
EASTERN TEST RAN	B05	39.68	347.34	1.75
CAPE KENNEDY	B05	39.68	347.34	1.75
NEW ORLEANS	C06	39.65	336.53	1.71
CAPE KENNEDY	B01	39.63	347.26	1.75
THESSALONIKA	C01	39.48	102.14	1.53
	A06	39.48	102.14	1.53
	A02	39.48	102.14	1.53
PATRICK AFB	B01	39.43	347.28	1.74
COCOA	B01	39.43	347.28	1.74
ORLANDO	B04	39.40	339.60	1.70
SHIKUKA	B01	39.31	206.90	1.75
FORESTPORT	C06	39.19	245.98	1.62
ISTANBUL	B01	38.50	107.85	1.56
RABAT	C06	38.49	70.40	1.32
KANDILLI	D01	38.43	107.87	1.56
	C01	38.43	107.87	1.56
	A06	38.43	107.87	1.56
	A02	38.43	107.87	1.56
	A01	38.43	107.87	1.56
KISLOVODSK	C03	38.42	120.88	1.62
	A08	38.42	120.88	1.62
	A07	38.42	120.88	1.62
	A06	38.42	120.88	1.62
	A03	38.42	120.88	1.62
	A02	38.42	120.88	1.62
ISTANBUL	C01	38.40	107.76	1.55
	A06	38.40	107.76	1.55
	A02	38.40	107.76	1.55
	A01	38.40	107.76	1.55
AVERROES	D01	38.39	92.55	1.40
GIBILMANNA	D01	38.38	92.55	1.40
RABAT	B14	38.36	71.13	1.31
	B01	38.36	71.13	1.31
CASABLANCA	B01	38.35	69.49	1.31
JUPITER	C06	38.27	347.90	1.68
GRAND BAHAMA	B01	37.92	350.09	1.67
KHABAROVSK	B14	37.91	200.45	1.71
	F01	37.90	200.53	1.71
	B01	37.89	200.43	1.71
MOUNT KOBAU	E01	37.75	187.42	1.78
FORT MYERS	B02	37.70	345.95	1.65
CATANIA	C01	37.70	93.42	1.38
	A06	37.70	93.42	1.38
	A05	37.70	93.42	1.38
	A02	37.70	93.42	1.38
	A01	37.70	93.42	1.38
NOVOKAZALINSK	D01	37.60	138.82	1.68
	B01	37.60	138.82	1.68
TYURATAM	B05	37.31	139.78	1.67
YUZHNO SAKHALI	B01	37.03	207.30	1.63
	D01	36.96	207.07	1.63
TOYOHARA	B01	36.92	207.15	1.62
ABASTUMANI	G01	36.77	120.63	1.54
PATRAS	C06	36.69	102.03	1.40
	B09	36.69	102.03	1.40
ATHENS (2)	A02	36.63	101.19	1.39
TBILISI	D02	36.61	122.48	1.54
	D01	36.61	122.48	1.54
ABASTUMANI	C03	36.60	120.70	1.53
	C01	36.60	120.70	1.53
	A08	36.60	120.70	1.53
	A06	36.60	120.70	1.53
ATHENS (1)	D01	36.51	102.03	1.40
	B08	36.51	101.76	1.39
	B01	36.51	101.76	1.39
	C06	36.47	101.96	1.39
	C03	36.47	101.96	1.39
	B09	36.47	101.95	1.39
	A06	36.47	101.90	1.39
	A02	36.47	101.90	1.39
	A01	36.47	101.90	1.39
	G01	36.46	101.86	1.39
	F01	36.46	101.86	1.39
	C01	36.46	101.86	1.39
ULAN BATOR	D02	36.40	176.85	1.72
	D01	36.40	176.85	1.72
KARYSTOS	B05	36.37	102.54	1.40
TBILISI	F03	36.25	122.41	1.53
	F02	36.25	122.41	1.53
	F01	36.25	122.41	1.53
	B14	36.24	122.49	1.53
	B01	36.22	122.47	1.53
TSITSIHAR	B01	36.09	191.19	1.66
HIRATSUKA	B01	35.80	91.63	1.30
KORONI BEACH	B05	35.64	99.81	1.35
SAN SALVADOR	B01	35.52	354.36	1.58
WAKKANAI	B13	35.33	206.45	1.55
	B09	35.33	206.45	1.55
	B01	35.33	206.45	1.55
BJURAKAN	C03	34.99	121.63	1.47
TENERIFE	D01	34.90	59.09	1.21
HAMMAGUIR	B05	34.81	73.38	1.21
PIRKULI	C03	34.72	125.65	1.48
BAKOU	C01	34.72	125.65	1.48
	A06	34.72	125.65	1.48
SHEMACHA	A03	34.69	125.62	1.48
CANARY ISLANDS	G01	34.55	60.08	1.20
MOSHIRI	B13	34.36	207.10	1.51

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
CANARY ISLANDS	C03	34.26	60.01	1.19
	C01	34.26	60.01	1.19
	B08	34.26	60.01	1.19
	B02	34.26	60.01	1.19
	A06	34.26	60.01	1.19
	A04	34.26	60.01	1.19
	A01	34.26	60.01	1.19
CUBA	B01	34.17	346.03	1.50
	D01	34.13	345.87	1.50
MEMAMBETSU	D01	34.07	208.83	1.49
HOKKAIDO	C06	34.06	207.79	1.49
MINNEAPOLIS	D01	33.88	165.62	1.57
MEMAMBETSU	G01	33.76	208.89	1.48
	D02	33.76	208.89	1.48
ALMA ATA	F03	33.42	151.11	1.52
	F01	33.42	151.11	1.52
	D02	33.42	151.11	1.52
	D01	33.42	151.11	1.52
	C01	33.42	151.11	1.52
	B14	33.42	151.11	1.52
	B10	33.42	151.11	1.52
	B08	33.42	151.11	1.52
	B07	33.42	151.11	1.52
	B01	33.42	151.11	1.52
	A07	33.42	151.11	1.52
	A06	33.42	151.11	1.52
SAPPORO	F02	32.94	206.51	1.45
USSURISK	D01	32.90	198.52	1.48
TASHKENT	C01	32.34	144.14	1.45
	A06	32.34	144.14	1.45
	A02	32.34	144.14	1.45
	D01	32.30	144.43	1.45
	B01	32.30	144.43	1.45
USSURISK	C03	32.21	198.44	1.46
	C01	32.21	198.44	1.46
	A08	32.21	198.44	1.46
	A06	32.21	198.44	1.46
	A03	32.21	198.44	1.46
	A02	32.21	198.44	1.46
NICOSIA	B14	31.91	110.08	1.29
CAPE ZEVGARI	B01	31.41	109.66	1.28
OBACHI	B05	30.67	207.17	1.37
ASHKHABAD	G01	30.47	133.52	1.35
	D03	30.47	133.52	1.35
	D02	30.47	133.52	1.35
	D01	30.47	133.52	1.35
FUKAURA	B01	30.41	205.58	1.37
ASHKHABAD	B10	30.41	133.76	1.35
	B07	30.41	133.76	1.35
	B06	30.39	133.69	1.35
	B01	30.39	133.69	1.35
	B14	30.25	133.72	1.34
BEIRUT	A02	30.24	111.82	1.25
	A01	30.24	111.82	1.25
REGGANE	B05	30.16	75.59	1.12
KSARA	D01	30.11	112.16	1.25
PUERTO RICO	B12	29.96	2.49	1.41
	B10	29.96	2.49	1.41
	B09	29.96	2.49	1.41
	B08	29.96	2.49	1.41
	B04	29.96	2.49	1.41
	B01	29.96	2.49	1.41
ARECIBO	G01	29.96	2.89	1.41
	B13	29.96	2.89	1.41
	B05	29.96	2.89	1.41
	B03	29.96	2.89	1.41
	B01	29.96	2.89	1.41
VEGA BAJA	B05	29.92	3.34	1.41
	D02	29.74	3.52	1.41
CAMP TORUGUERO	D02	29.74	3.52	1.41
DUSHANBE	B01	29.67	143.19	1.35
MORIOKA	F01	29.62	206.78	1.34
TEOLOYUCAN	D01	29.59	327.56	1.29
	A01	29.59	327.56	1.29
PUERTO RICO	D02	29.57	3.63	1.40
	D01	29.57	3.63	1.40
	C06	29.57	3.63	1.40
	C01	29.57	3.63	1.40
	A01	29.57	3.63	1.40
AKITA	B09	29.53	205.87	1.34
	B01	29.53	205.87	1.34
	B05	29.40	205.86	1.34
JAMAICA	B10	29.37	352.00	1.37
	B08	29.37	352.00	1.37
	B06	29.37	352.00	1.37
	B01	29.37	352.00	1.37
	A15	29.37	352 00	1.37
	A14	29.37	352.00	1.37
HAIFA	B11	29.33	111.17	1.23
TEHRAN	D01	29.31	126.94	1.29
HAIFA	F03	29.31	111.06	1.22
	B08	29.31	111.06	1.22
	B06	29.31	111.06	1.22
	B01	29.31	111.06	1.22
TEHRAN	F01	29.28	126.96	1.29
	C01	29.28	126.96	1.29
	B06	29.28	126.96	1.29
	B01	29.28	126.96	1.29
	A04	29.28	126.96	1.29
	A01	29.28	126.96	1.29
MEXICO CITY	B01	29.18	327.05	1.28
	F03	29.17	327.62	1.28
	F02	29.17	327.62	1.28
	F01	29.17	327.62	1.28
TONANZINTLA	G01	28.96	328.60	1.28
	C01	28.96	328.60	1.28
MIZUSAWA	D01	28.93	206.83	1.32
TEL AVIV	C01	28.69	110.42	1.21
ANTIQUA	B05	28.51	8.36	1.37
PEIPING	B01	28.48	185.12	1.35
ONAGAWA	D01	28.39	207.25	1.30
NITSANIM	D01	28.31	110.43	1.20
ONAGAWA	D02	28.30	207.99	1.30
SENDAI	G01	27.97	206.49	1.29
PYONG YANG	A02	27.95	193.37	1.32
	A01	27.95	193.37	1.32
DAIRAN	B01	27.71	189.70	1.32
SHIBATA	B01	27.67	205.39	1.29
FUKUSHIMA	F01	27.63	206.44	1.28
NIIGATA	G01	27.43	204.99	1.28
CAIRO	F03	27.30	106.74	1.16
	F01	27.30	106.74	1.16
GIZA	C03	27.29	106.80	1.16
CAIRO	B01	27.27	106.77	1.16
HELWAN	D01	27.11	106.87	1.15
MISALLAT	D01	26.85	106.37	1.14
SEOUL	F03	26.52	194.59	1.28
	F01	26.52	194.59	1.28
	D01	26.52	194.59	1.28
GILGIT	D01	26.43	147.69	1.25
MIAHUATLAN MEX	B06	26.34	330.75	1.22
SEOUL	B01	26.33	194.51	1.27
HIRAISO	B01	26.30	206.73	1.25
	C06	26.27	206.76	1.25
	C03	26.27	206.76	1.25
	B09	26.27	206.76	1.25
	B08	26.27	206.76	1.25
	A08	26.27	206.76	1.25
SUGADAIRA	B13	26.21	204.72	1.25
	B06	26.21	204.72	1.25

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
SUGADAIRA	A14	26.21	204.72	1.25
KAKIOKA	G01	26.09	206.38	1.24
	D02	26.09	206.38	1.24
	D01	26.09	206.38	1.24
MATSUMOTO	F03	25.90	204.43	1.24
KASHIMA	B13	25.85	206.83	1.24
	B06	25.85	206.83	1.24
	B02	25.85	206.83	1.24
KOMURO	B14	25.79	205.89	1.24
DODAIRA	G01	25.78	205.53	1.24
	A14 P	25.78	205.53	1.24
MT NORIKJRA	F03	25.76	204.05	1.24
	F02	25.76	204.05	1.24
	F01	25.76	204.05	1.24
	A07	25.74	204.05	1.24
NOBEYAMA	G01 P	25.65	204.91	1.23
INUBO	C06	25.62	207.04	1.23
TOKYO/ITABASHI	F03	25.57	206.03	1.23
	F02	25.57	206.03	1.23
	F01	25.57	206.03	1.23
TOKYO	C06	25.56	205.93	1.23
TOKYO/MABASHI	F03	25.53	205.97	1.23
	F02	25.53	205.97	1.23
KOENJI	F03	25.53	205.96	1.23
YOKOSHIBA	B14	25.52	206.74	1.23
TOKYO	B07	25.51	205.84	1.23
	B12	25.50	205.82	1.23
	B06	25.50	205.82	1.23
	B01	25.50	205.84	1.23
KOKUBUNJI	B01	25.50	205.84	1.23
OHIRA	B14	25.49	206.74	1.23
TOKYO	C03	25.48	205.88	1.23
	C01	25.48	205.88	1.23
	A08	25.48	205.88	1.23
	A06	25.48	205.88	1.23
	A02	25.48	205.88	1.23
	A01	25.48	205.88	1.23
MEGURO	B01	25.42	206.03	1.23
KAMINOGE	B01	25.41	205.94	1.23
TAMANRASSET	D02	25.29	80.02	1.05
	D01	25.29	80.02	1.05
	B01	25.29	80.02	1.05
	G01	25.27	80.01	1.05
SAKASHITA	F03 P	25.22	204.09	1.23
GIFU	G01	25.18	203.69	1.23
FUJIGANE	A14	25.14	205.07	1.22
KANOZAN	D01	25.10	206.31	1.22
TAKEYAMA	F03	25.04	206.00	1.22
TOTTORI	B14	24.92	201.13	1.22
MARUYAMA	G01	24.87	206.34	1.21
KASUGAI	C06	24.87	203.66	1.22
	C03	24.87	203.66	1.22
	B13	24.87	203.66	1.22
PESHAWAR	B01	24.83	144.88	1.20
MIYAZU	D02 P	24.77	201.95	1.22
	D01	24.77	201.95	1.22
LANCHOW	B01	24.70	174.02	1.23
NAGOYA	F03	24.60	203.59	1.21
GULMARG	G01	24.58	147.53	1.20
	F03	24.58	147.53	1.20
	F01	24.58	147.53	1.20
	D02 P	24.58	147.53	1.20
	B06 P	24.58	147.52	1.20
SEOUL	A02	24.52	194.68	1.22
	A01	24.52	194.68	1.22
SRINAGAR	G01	24.49	147.69	1.20
	B10 P	24.49	147.69	1.20
TOYOKAWA	C06	24.46	204.03	1.21
	C03	24.46	204.03	1.21
	B14	24.46	204.03	1.21
TOYOKAWA	B13	24.46	204.03	1.21
	A14	24.46	204.03	1.21
	A08	24.46	204.03	1.21
BARBADOS	C06	24.41	10 56	1.29
	B10	24.41	10.56	1.29
	B01	24.41	10.56	1.29
	B05	24.34	10.67	1.29
SAKU-SHIMA	B13	24.32	203.73	1.20
MIDWAY	D01	24.18	246.80	1.19
IKOMASAN	C01	24.18	202.53	1.20
	A06	24.18	202.53	1.20
	A05	24.18	202.53	1.20
	A02	24.18	202.53	1.20
	A01	24.18	202.53	1.20
SAL	G01 P	24.07	50.10	1.06
JOHANNESBURG	C06	24.06	102.87	1.08
SHODA JIMA	G01	23.94	201.27	1.20
KURE	C06	23.39	242.67	1.17
SIMOSATO	D02	23.09	202.86	1.18
	D01	23.09	202.86	1.18
HACHIJO	D01	22.97	206.41	1.17
TRINIDAD	C06	22.11	8.38	1.25
	B09	22.11	8.38	1.25
	B03	22.11	8.38	1.25
	B01	22.11	8.38	1.25
ASO	G01	22.06	198.49	1.16
	D01	22.06	198.49	1.16
MAUI	D02	21.89	268.61	1.15
TRINIDAD	D02	21.77	8.57	1.25
ASO	D02	21.71	198.51	1.15
DAKAR	B01	21.69	54.08	1.03
KAUAI	B02	21.63	265.18	1.15
QUETTA	B01	21.61	140.19	1.12
	D01	21.60	140.14	1.12
KAUAI	C06	21.55	265.10	1.15
	B05	21.55	265.10	1.15
DAKAR	F04	21.53	55.10	1.03
	B07	21.53	55.10	1.03
KEKAHA	B14	21.49	265.18	1.15
DILLINGHAM	D02	21.44	266.93	1.15
HONOLULU	F03	21.22	267.34	1.15
	F01	21.21	267.29	1.15
	B06	21.21	267.29	1.15
	D02	21.17	266.99	1.15
	D01	21.17	266.99	1.15
M BOUR	D02	21.16	55.48	1.02
	D01	21.16	55.48	1.02
HONOLULU	C06	21.13	266.93	1.14
	C03	21.13	266.90	1.14
	C01	21.13	266.90	1.14
	A06	21.13	266.93	1.14
PYRAMID ROCK	C06	21.05	268.04	1.14
MAUI	C06	20.96	268.58	1.14
	B08	20.96	268.58	1.14
	B01	20.96	268.58	1.14
HALEAKALA	G01	20.95	268.79	1.14
	C03	20.95	268.79	1.14
	C01	20.95	268.79	1.14
	A07	20.95	268.79	1.14
	A06	20.95	268.79	1.14
KULA	F03	20.92	268.76	1.14
	F01	20.92	268.76	1.14
HALEAKALA	F01	20.92	268.82	1.14
PALEHUA	C03	20.91	268.80	1.14
	C01	20.91	268.80	1.14
	A06	20.91	268.80	1.14
	A01	20.91	268.80	1.14
NANKING	B01	20.74	187.67	1.14
PANAMA	B12	20.67	349.00	1.18
	B12	20.67	349.00	1.18

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
PANAMA	B01	20.67	349.00	1.18
FORT SHERMAN (CA	B05	20.60	348.91	1.18
KANOYA	D01	20.59	198.48	1.13
SABHAWALA	D01	20.52	150.11	1.11
UCHINOURA	B05	20.44	198.67	1.13
	A14 P	20.44	198.67	1.13
KAGOSHIMA	B13	20.44	198.67	1.13
	B05	20.44	198.67	1.13
KANOYA	D02	20.40	198.18	1.13
YAMAGAWA	B10	20.36	198.26	1.13
	B04	20.36	198.25	1.13
	B01	20.36	198.25	1.13
PANAMA	B14	20.29	349.43	1.18
MAUNA LOA	A07	19.88	269.77	1.12
	A06	19.88	269.77	1.12
NAINITAL	G01	19.43	151.52	1.08
SOUTH POINT	B02	19.29	269.78	1.12
HANKOW	B01	19.25	183.43	1.11
WUCHANG	B01	19.15	183.53	1.11
DELHI	B14	19.05	149.47	1.08
	B08	18.89	149.37	1.07
	B07	18.89	149.37	1.07
	B06	18.89	149.37	1.07
	C06	18.87	149.26	1.07
	B10	18.87	149.26	1.07
	A08	18.87	149.26	1.07
	A02	18.87	149.26	1.07
	B01	18.86	149.31	1.07
PUKA PUKA	B05	18.71	287.17	1.09
LOSHAN	B01	18.10	173.75	1.08
ALIGARH	F01	18.08	150.07	1.06
	B10 P	18.08	150.07	1.06
CHUNGKING	B01	17.96	176.13	1.08
OUAGADOUGOU	B02	17.46	70.95	1.00
OGASAWARA	D02	17.26	209.38	1.07
	D01	17.26	209.38	1.07
	A14 P	17.26	209.38	1.07
CHICHIJIMA	G01	17.20	209.29	1.07
SURINAM	B05	16.99	13.70	1.17
PARAMARIBO	D02	16.93	14.83	1.17
	D01	16.93	14.83	1.17
	C06	16.91	14.85	1.17
	C03	16.91	14.85	1.17
	B10	16.91	14.85	1.17
	B01	16.91	14.85	1.17
FUQUENE	D01	16.91	355.57	1.15
SONMIANI	B05	16.70	139.19	1.04
OUAGADOUGOU	B01	16.46	70.74	.99
DARJEELING	F03	16.34	159.41	1.04
KOUROU	B05	16.17	17.38	1.15
	B02	15.99	17.09	1.15
BOGOTA	B01	15.93	355.10	1.14
GESASHI	C06	15.75	220.64	1.05
MARCUS	C06	15.59	220.29	1.05
OKINAWA	C06	15.52	196.19	1.05
	B12	15.52	196.19	1.05
MT ABU	G01	15.37	144.67	1.02
OKINAWA	B09	15.30	196.02	1.05
	B04	15.30	196.02	1.05
	B01	15.30	196.02	1.05
FREETOWN	D02	14.68	58.24	1.01
	D01	14.68	58.24	1.01
SHILLONG	D01	14.63	162.65	1.01
TOGO	B10	14.61	71.92	.99
	B01	14.61	71.92	.99
JOHNSTON ATOLL	B05	14.43	256.80	1.06
REWA	F01 P	14.22	152.55	1.00
ZARIA	B14	14.16	79.73	.98
KANO	B02	14.11	80.61	.98
LUNPING	A02	13.89	189.91	1.03
LUNPING	A01	13.89	189.91	1.03
POPAYAN	B01	13.83	352.64	1.11
AHMEDABAD	G01	13.82	144.37	1.00
	F03	13.82	144.37	1.00
	F01	13.82	144.37	1.00
	D01	13.82	144 37	1.00
	C04	13.82	144.37	1.00
	C03	13.82	144.37	1.00
	B15	13.82	144.37	1.00
	B13	13.82	144.37	1.00
	B10	13.82	144.37	1.00
	B09	13.82	144.37	1.00
	B08	13.82	144.37	1.00
	B07	13.82	144.37	1.00
	B06	13.82	144.37	1.00
	B02	13.82	144.37	1.00
	B01	13.82	144.37	1.00
TAIPEI	B11	13.71	189.95	1.03
	B06	13.71	189.95	1.03
	B01	13.71	189.95	1.03
LUNPING	D01	13.71	189.92	1.03
TAIPEI	B14	13.66	189.98	1.02
	B07	13.66	189.98	1.02
	A02	13.66	189.98	1.02
	A01	13.66	189.98	1.02
OKINAWA	D02 P	13.63	193.81	1.02
	D01 P	13.63	193.81	1.02
ZARIA	D02	13.47	79.58	.98
	D01	13.47	79.58	.98
WAKE ISLAND	B11	13.25	232.69	1.03
KONTAGORA	D01	13.17	77.25	.99
DACCA	F03	12.88	161.16	.99
	F01	12.88	161.16	.99
KHARTOUM	B06	12.87	104.89	.97
	B01	12.87	104.89	.97
PARAKOU	D02	12.68	74.24	.99
CALCUTTA	B11	12.30	159.40	.98
	B06	12.30	159.40	.98
	B04	12.30	159.40	.98
	B01	12.30	159.40	.98
HOWRAH	F02	11.98	159.11	.98
ASMARA	B04	11.12	110.98	.97
CHA-PA	D01	10.95	173.69	.98
HONG KONG	F02	10.88	183.46	.99
	C06	10.88	183.46	.99
	B10	10.88	183.46	.99
	B06	10.88	183.46	.99
	B01	10.88	183.46	.99
MACAU	F03	10.76	182.85	.99
HONG KONG	D01	10.75	183.46	.99
MACAU	C03	10.74	182.85	.99
	B14	10.74	182.85	.99
	B01	10.74	182.89	.99
QUITO	B02	10.71	350.73	1.08
IBADAN	B10	10.56	75.10	.99
	D02	10.55	75.12	.99
	D01	10.55	75.12	.99
	B14	10.55	75.12	.99
	B07	10.55	75.12	.99
	B01	10.53	75.12	.99
AURANGABAD	B10 P	10.06	146.39	.96
BOMBAY	F04	9.81	144.04	.96
	B01	9.81	144.04	.96
ACCRA	D02	9.56	70.74	1.00
	D01	9.56	70.74	1.00
	B14	9.56	70.74	1.00
	B11	9.56	70.74	1.00
	B08	9.56	70.74	1.00
	B06	9.56	70.74	1.00
	B01	9.56	70.74	1.00

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
TATUOCA	D01	9.51	21.25	1.08
FORT ARCHAMBAULT	D02	9.45	89.71	.97
	B10	9.45	89.71	.97
	B01	9.45	89.71	.97
ALIBAG	D01	9.43	144.06	.96
POONA	G01	9.21	145.00	.95
HYDERABAD	C03	7.63	149.25	.94
	C01	7.63	149.25	.94
	A06	7.63	149.25	.94
	D01	7.61	149.35	.94
	B01	7.55	149.26	.94
WALTAIR	B10	7.46	153.92	.94
DJIBOUTI	B01	6.98	113.99	.95
HAINAN	B01	6.83	178.82	.95
TALARA	B01	6.63	348.13	1.05
	D01	6.60	348.13	1.05
FORTALEZA	B01	6.17	30.80	1.05
ADDIS ABABA	B06	5.89	109.72	.95
DHAWAR	G01 P	5.86	145.71	.93
	B10 P	5.86	145.71	.93
RANGOON	B01	5.65	166.51	.93
MOCA	D02	5.63	79.03	1.00
	D01	5.63	79.03	1.00
ADDIS ABABA	D02	5.30	109.61	.95
	D01	5.30	109.61	.95
	C06	5.30	109.61	.95
PALMYRA ISLAND	B01	5.26	266.25	.99
	D01	5.22	266.17	.99
BAGUIO	D02	5.12	189.69	.95
	D01	5.12	189 69	.95
	B01	5.10	189.70	.95
	A02	5.10	189.70	.95
	A01	5.10	189.70	.95
DEBRE ZEIT	G01	4.99	109.75	.95
	C06	4.99	109.74	.95
BANGUI	B07	4.89	89.03	.98
	B01	4.89	89.03	.98
	D02	4.73	88.96	.98
	D01	4.73	88.96	.98
	B14	4.66	88.96	.98
CHICLAYO	D01	4.49	349.71	1.05
	B01	4.49	349.71	1.05
GUAM	D02	4.04	213.35	.96
	D01	4.04	213.35	.96
NATAL	C06	4.02	34.26	1.05
GUAM	B05	3.96	213.36	.96
	B01	3.96	213.36	.96
FANNING	B14	3.86	269.31	.99
	D01	3.84	269.31	.99
NATAL	B01	3.80	34.16	1.06
	B05	3.65	33.97	1.06
MANILA	D02	3.41	190.24	.94
	B01	3.41	190.24	.94
TRUJILLO	B12	3.19	349.81	1.04
MADRAS	B10	3.14	150.59	.92
	B01	3.14	150.59	.92
MANILA	C06	3.12	190.73	.94
	C04	3.09	189.76	.94
	C03	3.09	189.76	.94
	C01	3.09	189.76	.94
	B08	3.09	189.76	.94
	A08	3.09	189.76	.94
	A06	3.09	189.76	.94
	A02	3.09	189.76	.94
	A01	3.09	189.76	.94
MUNTINLUPA	D01	3.08	190.17	.94
SAO TOME	G01 P	2.90	76.15	1.03
KWAJALEIN	D01	2.65	235.69	.97
	B01	2.65	235.69	.97
BRAZZAVILLE	B02	2.54	54.06	1.07
BANGKOK	B01	2.52	170.33	.92
KWAJALEIN	B05	2.42	236.26	.97
BANGKOK	B06	2.39	170.35	.92
	A02	2.39	170.35	.92
CHRISTMAS IS	B01	2.29	271.75	.98
CHIMBOTE	D01	2.23	350.98	1.04
	B01	2.23	350.98	1.04
BANGKOK	B14	2.23	170.63	.92
MAKERERE	F03	1.88	279.28	1.00
OOTACAMUND	A14	1.70	146.63	.92
ANNAMALAINAGAR	D01	1.51	149.81	.92
MAJURO	D01	1.41	240.11	.97
TIRUCHIRAPALLI	D01 P	1.01	148.79	.92
	B10	1.01	148.79	.92
	B08	1.01	148.79	.92
	B01	1.01	148.79	.92
KODAIKANAL	F03	.57	147.54	.92
	F01	.57	147.54	.92
	D01	.57	147.53	.92
	C06	.54	147.56	.92
	C03	.54	147.56	.92
	C01	.54	147.56	.92
	B09	.54	147.56	.92
	B01	.54	147.56	.92
	A08	.54	147.56	.92
	A06	.54	147.56	.92
	A05	.54	147.56	.92
	A02	.54	147.56	.92
LEYTE	B01	-.12	194.20	.93
LIMA	B11	-.40	352.46	1.05
	B02	-.40	352.46	1.05
BUNIA	D01	-.41	99.76	.99
	B01	-.44	99.77	.99
JARVIS ISLAND	D01	-.48	269.53	.98
JICAMARCA	D02	-.57	352.77	1.05
	B10	-.57	352.77	1.05
	B08	-.57	352.77	1.05
	B03	-.57	352.77	1.05
	B01	-.57	352.77	1.05
HUANCAYO	G01	-.59	354.30	1.05
	B01	-.59	354.30	1.05
	B09	-.60	354.27	1.05
	B08	-.60	354.27	1.05
	D02	-.64	354.27	1.05
	D01	-.64	354.27	1.05
	C06	-.64	354.27	1.05
	C03	-.64	354.27	1.05
	C01	-.64	354.27	1.05
	B12	-.64	354.27	1.05
	B12	-.64	354.27	1.05
	A08	-.64	354.27	1.05
	A06	-.64	354.27	1.05
CEBU	D02	-.87	193.15	.93
	D01	-.87	193.15	.93
YAP ISLAND	C06	-.88	207.18	.94
THUMBA	B01	-.99	146.79	.92
TRIVANDRUM	B01	-1.10	146.88	.92
	G01 P	-1.11	146.83	.92
	D01	-1.11	146.83	.92
	B10 P	-1.11	146.83	.92
THUMBA	B05	-1.25	146.73	.92
ASCENSION IS	B05	-1.33	54.29	1.10
MAKERERE	F01	-2.04	101.86	1.00
	D02	-2.04	101.80	1.00
CUZCO	D01	-2.07	357.57	1.06
COLOMBO	F03	-2.99	149.54	.92
	B07	-2.99	149.54	.92
	B01	-2.99	149.54	.92
KINSHASA-BINZA	D01	-3.16	84.10	1.06
KOROR	D02	-3.17	203.80	.94

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
KOROR	D01	-3.17	203.80	.94
PALAU	B01	-3.20	203.80	.94
BINZA	D01	-3.25	83.97	1.06
KINSHASA-BINZA	B01	-3.35	83.88	1.06
HUANCAYO	F02	-3.40	319.17	1.02
	F01	-3.40	319.17	1.02
LWIRO	C03	-3.81	97.47	1.02
	A08	-3.81	97.47	1.02
	G01	-3.85	97.66	1.02
	D01	-3.85	97.66	1.02
	B07	-3.89	97.65	1.03
	B01	-3.89	97.65	1.03
DAVAO	D01	-4.00	194.97	.93
JULIACA	B01	-4.03	359.30	1.06
YAUCA	D01	-4.10	354.98	1.06
ZAMBOANGA	G01	-4.34	191.49	.93
NAIROBI	D01	-4.46	105.75	1.01
	B11	-4.46	105.75	1.01
	B10	-4.46	105.75	1.01
	B06	-4.46	105.75	1.01
	B01	-4.46	105.75	1.01
	B12	-4.47	105.71	1.01
CHACALTAYA	F03	-4.84	1.27	1.07
	F01	-4.84	1.27	1.07
AREQUIPA	D01	-5.00	358.07	1.06
LA PAZ	B01	-5.03	1.32	1.07
AREQUIPA	C06	-5.27	357.69	1.06
	B12	-5.27	357.69	1.06
PENANG	B01	-5.79	169.87	.92
ILO	B01	-5.93	358.34	1.07
MAKASSAR	B01	-6.13	188.98	.93
SAN MARCO PLATFO	B05	-6.73	108.75	1.02
LUANDA	G01 P	-7.28	81.02	1.13
	D01	-7.28	81.02	1.13
SINGAPORE	B02	-9.97	173.19	.94
DAR ES SALAAM	D01	-10.04	107.06	1.07
	B06	-10.04	107 06	1.07
SINGAPORE	B10	-10.07	173.19	.94
	C06	-10.09	173.17	.94
	B14	-10.09	173.17	.94
	B08	-10.09	173.17	.94
	B07	-10.09	173.17	.94
	B06	-10.09	173.17	.94
	B01	-10.09	173.17	.94
LA QUIACA	D01	-10.65	3.65	1.09
	B01	-10.65	3.65	1.09
TARTAGUL	B05	-11.35	5.31	1.10
MINA AGUILAR	F01	-11.65	3.54	1.10
ABRA PAMPA	E03	-11.65	3.54	1.10
SAO PAULO	C06	-11.92	21.49	1.13
	C03	-11.92	21.49	1.13
	A08	-11.92	21.49	1.13
VASSOURAS	D01	-12.00	24.31	1.14
ANTOFAGASTA	B12	-12.15	359.24	1.10
	B02	-12.15	359.24	1.10
HOLLANDIA	B14	-12.38	211.04	.98
	B01	-12.38	211.04	.98
	C06	-12.41	210.73	.98
	C03	-12.41	210.73	.98
	D01	-12.48	210.76	.98
VANIMO	B01	-12.53	211.57	.98
RIO DE JANEIRO	F01	-12.59	24.71	1.14
SAN JOSE	D02	-12.65	22.17	1.14
SAN JOSE	B14	-12.65	22.17	1.14
	B08	-12.74	22.15	1.14
	B06	-12.74	22.15	1.14
ELIZABETHVILLE	B01	-12.75	94.50	1.17
	D01	-12.76	94.41	1.17
SAO PAULO	B13	-12.88	21.54	1.14
	B12	-12.88	21.54	1.14
	B08	-12.88	21.54	1.14
	B01	-12.88	21.54	1.14
SAN JOSE	B01	-13.09	32.23	1.18
MAKATEA	G01	-13.62	284.44	1.05
TAHITI	D02	-15.25	283.17	1.07
	D01	-15.25	283.17	1.07
	B01	-15.34	283.51	1.07
TUCUMAN	B13	-15.45	3.77	1.13
	B06	-15.45	3.77	1.13
	B01	-15.45	3.77	1.13
	A02	-15.45	3.77	1.13
LAE	F03	-15.88	217.86	1.02
	F01	-15.88	217.86	1.02
	D02	-15.88	217.86	1.02
APIA	D02	-15.96	260.69	1.05
	D01	-15.96	260.69	1.05
KUYPER	D01	-17.48	176.04	1.00
TANGERANG	D01	-17.62	175.93	1.00
	B01	-17.62	175.93	1.00
LAPAN	B05	-17.72	176.18	1.00
EASTER ISLAND	D01	-18.17	323.04	1.14
TSUMEB	B06	-18.24	83.28	1.35
	B04	-18.24	83.28	1.35
	B01	-18.24	83.28	1.35
	G01	-18.26	83.28	1.35
	D01	-18.26	83.28	1.35
	B12	-18.27	83.29	1.35
	B07	-18.27	83.29	1.35
BANDOENG	B01	-18.36	176.94	1.01
PORT MORESBY	D02	-18.52	218.36	1.06
	D01	-18.52	218.36	1.06
	B01	-18.52	218.31	1.06
CHAMICAL	B05	-18.87	2.87	1.16
PITCAIRN	B01	-19.00	303.44	1.14
SALISBURY (RHODE	B01	-19.51	96.63	1.31
BALI	B06 P	-19.93	185.02	1.03
CORDOBA	F01	-19.97	4.79	1.17
SAN JUAN (ARG)	G01	-20.05	3.60	1.17
	B01	-20.05	3.60	1.17
CORDOBA	A14	-20.07	4.51	1.17
PILAR	D01	-20.25	5.07	1.18
EL LEONCITO	E03	-20.33	.15	1.17
CAPE YORK	B01	-20.66	213.64	1.08
RAROTONGA	B06	-20.82	274.09	1.13
	B01	-20.82	274.09	1.13
CASSINO	B05	-21.19	15.66	1.21
ROSARIO	A04	-21.61	9.11	1.20
	A02	-21.61	9.11	1.20
	A01	-21.61	9.11	1.20
SANTIAGO	B02	-21.66	358.91	1.18
EL INFIERNILLO	F03	-21.70	359.27	1.18
	F01	-21.70	359.27	1.18
ESTACION LOS CER	F03	-21.83	358.89	1.19
MACUL	F03	-21.98	358.98	1.19
FIJI	B01	-22.01	251.60	1.13
LOS CERRILLOS	F03	-22.03	358.89	1.19
SANTIAGO	A02	-22.10	358.91	1.19
VILLA ELISA	C04	-22.73	10.30	1.22
	A08	-22.73	10.30	1.22
DARWIN	B14	-23.02	201.26	1.09
	B06 P	-23.02	201.26	1.09
	B02	-23.02	201.26	1.09
COONAWARRA	B14	-23.11	201.69	1.09

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
BUENOS AIRES	B07	-23.21	9.83	1.22
	B01	-23.21	9.83	1.22
	C03	-23.26	9.64	1.22
	C01	-23.26	9.64	1.22
	A08	-23.26	9.64	1.22
	A02	-23.26	9.64	1.22
	A01	-23.26	9.64	1.22
	F04	-23.29	9.84	1.22
	F01	-23.29	9.84	1.22
COCOS IS	B01	-23.33	165.37	1.10
TANANARIVE	B01	-23.65	112.92	1.31
LA PLATA	B04	-23.67	11.15	1.23
LAS ACACIAS	D01	-23.74	10.54	1.23
TANANARIVE	D01	-23.78	112.94	1.31
MONTEVIDEO	B04	-23.81	12.04	1.24
CONCEPCION	B01	-25.15	356.87	1.23
MAR CHIQUITA	B05	-26.50	10.63	1.27
PRETORIA	C06	-26.65	92.01	1.55
	B09	-26.65	92.01	1.55
MAR DEL PLATA	B05	-26.73	10.10	1.28
JOHANNESBURG	B02	-26.74	91.49	1.56
PRETORIA	B14	-26.79	92 10	1.55
	B02	-26.79	92.10	1.55
JOHANNESBURG	B07	-26.94	91.76	1.56
PLAISANCE	D01	-27.04	123.00	1.34
JOHANNESBURG	B01	-27.04	91.83	1.56
	B10	-27.11	91.79	1.57
POTCHEFSTROOM	F04	-27.43	90.70	1.59
	F01	-27.43	90.70	1.59
LOURENCO MARQUES	D01	-27.76	96.30	1.56
TOWNSVILLE	G01	-28.39	219.28	1.25
	D02	-28.39	219.28	1.25
	B12	-28.39	219.28	1.25
	B04	-28.39	219.28	1.25
	B01	-28.39	219.28	1.25
NGOYA	D02	-30.46	94.86	1.67
CLONCURRY	B14	-30.50	212.84	1.29
DURBAN	D02	-31.33	93.63	1.71
	C06	-31.33	93.63	1.71
	B13	-31.33	93.63	1.71
	B12	-31.33	93.63	1.71
	B08	-31.33	93.63	1.71
SUTHERLAND	G01	-31.69	82.98	1.78
TRELEW	B07	-31.75	3.57	1.36
	B01	-31.75	3.57	1.36
TRELEW	D01	-31.80	3.56	1.36
KERMADEC	B01	-32.21	258.17	1.40
CAPE TOWN	C01	-32.74	80.33	1.83
	A06	-32.74	80.33	1.83
	A01	-32.74	80.33	1.83
	F03	-32.76	80.40	1.83
	B01	-32.89	80.19	1.84
HERMANUS	F03	-33.38	80.98	1.86
	F01	-33.38	80.98	1.86
	D02	-33.38	80.99	1.86
	D01	-33.38	80.99	1.86
	C08	-33.38	80.99	1.86
	B01	-33.38	80.99	1.86
	B13	-33.39	80.99	1.86
	B08	-33.39	80.99	1.86
GRAHAMSTOWN	D01	-33.71	88.33	1.84
	C03	-33.73	88.35	1.84
	B01	-33.73	88.35	1.84
	C06	-33.74	88.38	1.84
NORFOLK IS	B01	-34.66	243.70	1.49
BRISBANE	B13	-35.44	227.43	1.50
BRIBIE IS	B01 P	-35.44	227.43	1.50
BRISBANE	D02	-35.46	226.88	1.50
	B10	-35.64	227.47	1.51
	B07	-35.64	227.47	1.51
BRISBANE	G01	-35.65	227.36	1.51
	B06	-35.65	227.36	1.51
	B01	-35.65	227.36	1.51
	F01	-35.68	227.39	1.51
CARNARVON	B05	-35.96	183.23	1.45
	C03	-36.45	183.91	1.47
	C01	-36.45	183.91	1.47
	B08	-36.45	183.91	1.47
	A06	-36.45	183.91	1.47
	A01	-36.45	183.91	1.47
CAPE KARIKARI	B05	-38.53	250.74	1.67
LAUNCESTON	D02	-38.60	291.81	1.70
AUCKLAND	B06	-38.63	250.23	1.68
ARMIDALE	B06	-38.81	226.47	1.66
CULGOORA	C04	-38.91	224.33	1.66
	C03	-38.91	224.33	1.66
	C02	-38.91	224.33	1.66
	C01	-38.91	224.33	1.66
	A06	-38.91	224.33	1.66
PORT STANLEY	B14	-40.42	9.44	1.61
	B07	-40.42	9.48	1.61
	B06	-40.42	9.48	1.61
	B01	-40.42	9.48	1.61
SOLANT	B02	-40.71	9.29	1.62
AUCKLAND	D02	-40.80	252.48	1.81
NEWCASTLE	D02	-41.03	226.97	1.79
CAMDEN	D02	-41.03	226.97	1.79
WOOMERA	B01	-41.17	209.67	1.75
AUCKLAND	B11	-41.17	253.20	1.83
	B08	-41.17	253.20	1.83
AUCKLAND	B01	-41.17	253.20	1.83
WOOMERA	D02	-41.22	210.23	1.76
	C06	-41.22	210.23	1.76
WOOMERA	B10	-41.22	210.23	1.76
COOK	B14	-41.29	202.92	1.74
WOOMERA	B02	-41.49	210.38	1.78
WATHEROO	D01	-41.71	186.21	1.76
	B01	-41.71	186.21	1.76
WOOMERA	B05	-42.11	210.07	1.82
SYDNEY/FLEURS	F01	-42.18	226.89	1.87
	C04	-42.24	226.43	1.87
	C03	-42.24	226.43	1.87
	C01	-42.24	226.43	1.87
	A10	-42.24	226.43	1.87
	A09	-42.24	226.43	1.87
	A06	-42.24	226.43	1.87
CAMDEN	B12	-42.42	226.05	1.88
	G01	-42.46	226.32	1.89
	E01	-42.48	226.40	1.89
PERTH	G01	-42.98	185.79	1.85
PEARCE	B14	-43.11	186.38	1.85
GNANGARA	D01	-43.19	186.32	1.86
USHUAIA	F01	-43.33	.93	1.71
	B14	-43.33	.93	1.71
	B08	-43.33	.93	1.71
	B07	-43.33	.93	1.71
	B01	-43.33	.93	1.71
MUNDARING	B01	-43.39	186.75	1.88
CANBERRA	C06	-43.79	224.89	1.98
	D01	-43.90	224.80	1.99
	B01	-43.90	224.80	1.99
ORRORAL	B02	-44.22	224.82	2.01
SOUTH GEORGIA	B01	-44.28	26.35	1.89
	D02	-44.29	26.35	1.89
DENILIQUIN	G01	-44.51	219.84	2.02
ADELAIDE	G01	-44.53	212.67	2.00
	D01	-44.53	212.67	2.00
	B13	-44.53	212.67	2.00
	B10	-44.53	212.67	2.00

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
ADELAIDE	A14	-44.53	212.67	2.00
SALISBURY	B01	-44.60	212.91	2.01
SAINT KILDA	B04	-44.60	212.91	2.01
WELLINGTON	B11	-45.24	254.62	2.13
	C01	-45.28	254.55	2.14
	B13	-45.28	254.55	2.14
	B06	-45.28	254.55	2.14
	A02	-45.28	254.55	2.14
LOWER HUTT	B10	-45.28	254.55	2.14
WELLINGTON	F03	-45.36	254.41	2.14
	F01	-45.36	254.41	2.14
BEVERIDGE	G01	-46.46	220.30	2.20
	B08	-46.46	220.30	2.20
	B06	-46.46	220.30	2.20
	B01	-46.46	220.30	2.20
TOOLANGI	D02	-46.58	221.36	2.21
	D01	-46.58	221.36	2.21
MELBOURNE	B08	-46.61	220.35	2.21
ROCK BANK	B14	-46.86	220.41	2.24
MELBOURNE	E01	-46.99	221.03	2.25
ASPENDALE	G01	-47.11	221.02	2.27
LAROCHE GODON	D02	-47.13	140.83	2.33
AMBERLEY	D01	-47.56	252.98	2.35
CHRISTCHURCH	F03	-47.92	252.99	2.39
	F02	-47.92	252.99	2.39
	C06	-47.98	253.24	2.40
	B01	-47.98	253.24	2.40
BIRDLINGS FLAT	B10	-48.32	253.61	2.43
	B09	-48.32	253.61	2.43
MARION IS	D01	-49.07	94.79	2.67
	B01	-49.09	94.76	2.67
OAMARU	D02	-49.66	251.88	2.59
CHRISTCHURCH	D02	-49.66	251.88	2.59
LAUDER	G01	-49.97	250.53	2.63
	E03	-49.97	250.53	2.63
	E01	-49.97	250.53	2.63
	B13	-49.97	250.53	2.63
	B11	-49.97	250.53	2.63
	B06	-49.97	250.53	2.63
	B02	-49.97	250.53	2.63
ORCADAS	D01	-50.31	18.49	2.16
DUNEDIN	D02	-50.61	251.87	2.72
	B13	-50.61	251.87	2.72
	B08	-50.61	251.87	2.72
HOBART	B13	-51.23	224.69	2.78
	C06	-51.51	225.19	2.82
INVERCARGILL	D02	-51.52	249.65	2.85
	B11	-51.52	249.65	2.85
	B06	-51.52	249.65	2.85
CAMBRIDGE TUNNEL	F03	-51.55	225.02	2.83
HOBART	D02	-51.58	224.95	2.83
	F03	-51.61	224.96	2.84
	F02	-51.61	224.96	2.84
	F01	-51.61	224.96	2.84
	B01	-51.61	224.92	2.84
DECEPCION	B01	-51.62	6.40	2.20
HOBART	G01	-51.63	224.81	2.84
MT WELLINGTON	F01	-51.64	224.85	2.84
INVERCARGILL	F03	-51.70	249.84	2.87
	F01	-51.70	249.84	2.87
	E03	-51.70	249.84	2.87
	E01	-51.70	249.84	2.87
HOBART	E04	-51.70	225.07	2.85
	E01	-51.70	225.07	2.85
O HIGGINS	E01	-52.00	9.42	2.23
PORT LOCKROY	B07	-53.37	4.26	2.34
	B01	-53.37	4.26	2.34
GONZALES VIDELA	E01	-53.38	4.68	2.34
	D01	-53.40	4.72	2.34
ARGENTINE IS	E02	-53.76	3.67	2.38
ARGENTINE IS	D01	-53.76	3.67	2.38
	B01	-53.76	3.67	2.38
	B13	-53.81	3.68	2.38
ADELAIDE IS	E02	-55.32	3.10	2.64
KERGUELEN	B07	-56.85	128.53	3.60
	B05	-56.85	128.53	3.60
STONNINGTON ISLA	E02	-57.07	1.66	2.73
CAMPBELL IS	E03 P	-57.19	253.66	3.94
	D02 P	-57.19	253.66	3.94
	D01	-57.19	253.66	3.94
	B06 P	-57.19	253.66	3.94
	B01	-57.19	253.66	3.94
	B08	-57.25	253.64	3.96
	E01	-57.28	253.72	3.97
	B13	-57.28	253.72	3.97
	B11	-57.28	253.72	3.97
KERGUELEN	B14	-57.38	128.91	3.70
	B13	-57.38	128.91	3.70
	G01	-57.39	128.56	3.70
	F04	-57.39	128.56	3.70
	F03	-57.39	128.56	3.70
	F01	-57.39	128.56	3.70
	D02	-57.39	128.54	3.70
	D01	-57.39	128.54	3.70
	C06	-57.45	128.63	3.71
	B08	-57.45	128.63	3.71
	B01	-57.45	128.63	3.71
MACQUARIE IS	F03	-60.96	243.60	5.22
	G01	-60.98	243.64	5.22
	E03	-60.98	243.64	5.22
	E01	-60.98	243.64	5.22
	B08	-60.98	243.64	5.22
	B06 P	-60.98	243.64	5.22
	B01	-60.98	243.64	5.22
	D02	-60.99	243.59	5.23
	D01	-60.99	243.59	5.23
	B13	-61.00	243.53	5.23
SANAE	G01	-63.71	44.50	3.97
	F01	-63.71	44.53	3.98
	E03	-63.71	44.50	3.97
	E01	-63.71	44.53	3.98
	D02	-63.71	44.53	3.98
	D01	-63.71	44.53	3.98
	C06	-63.71	44.53	3.98
	B13	-63.71	44.53	3.98
	B08	-63.71	44.50	3.97
	B01	-63.71	44.50	3.97
EIGHTS	E01	-63.82	355.56	3.89
	D03	-63.82	355.56	3.89
	D02	-63.82	355.56	3.89
	D01	-63.82	355.56	3.89
	B08	-63.82	355.57	3.89
	B01	-63.82	355.57	3.89
NORWAY STATION	D01	-63.87	44.22	4.00
SIPLE	E03 P	-64.73	351.83	4.18
	D01	-64.73	351.83	4.18
	B13	-64.73	351.83	4.18
	B06	-64.73	351.83	4.18
HALLEY BAY	E01	-65.83	24.58	4.22
	D02	-65.83	24.58	4.22
	D01	-65.83	24.58	4.22
	C09	-65.83	24.58	4.22
	C08	-65.83	24.58	4.22
	B13	-65.83	24.58	4.22
	B08	-65.83	24.58	4.22
	B01	-65.83	24.58	4.22
	B10	-65.84	24.51	4.23

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST	L-VALUE
HALLEY BAY	B07	-65.84	24.51	4.23
BORGA	E03 P	-65.93	40.87	4.39
	E01 P	-65.93	40.87	4.39
	D01 P	-65.93	40.87	4.39
NOVOLAZARREVSKAYE	E01	-66.27	53.98	4.64
	D02	-66.27	53.98	4.64
	D01	-66.27	53.98	4.64
ELLSWORTH	C09	-66.96	14.99	4.50
	F01	-66.98	14.96	4.51
	B13	-66.98	14.94	4.51
	B01	-66.98	14.98	4.51
	E03	-67.05	14.88	4.53
	E02	-67.05	14.88	4.53
	E01	-67.05	14.88	4.53
BELGRANO	B01	-67.29	16.18	4.59
	F01	-67.34	16.02	4.61
	E02	-67.34	16.02	4.61
	E01	-67.34	16.02	4.61
	B13	-67.34	16.02	4.61
	B08	-67.34	16.02	4.61
BAUDOUIN	F04	-67.89	62.90	5.19
	E01	-67.89	62.90	5.19
	B08	-67.89	62.90	5.19
	B01	-67.89	62.90	5.19
	D02	-68.09	63.61	5.26
	D01	-68.09	63.61	5.26
SYOWA BASE	G01	-69.75	78.17	6.08
	F03	-69.75	78.17	6.08
	F02	-69.75	78.17	6.08
	F01	-69.75	78.17	6.08
	E04	-69.75	78.17	6.08
	E01	-69.75	78.17	6.08
	D02	-69.75	78.15	6.08
	D01	-69.75	78.15	6.08
	C09	-69.75	78.17	6.08
	C08	-69.75	78.17	6.08
	B08	-69.75	78.17	6.08
	B06 P	-69.75	78.17	6.08
	B05	-69.75	78.17	6.08
	B01	-69.75	78.17	6.08
MOLODEZHNAYA	B05	-69.78	86.05	6.29
BYRD STATION	D02	-70.55	336.44	6.98
	D01	-70.55	336.44	6.98
	B02	-70.55	336.44	6.98
	E03	-70.57	336.45	6.99
	E01	-70.57	336.45	6.99
	C08	-70.57	336.45	6.99
	B08	-70.57	336.45	6.99
	B13	-70.58	336.17	7.01
	C10	-70.59	336.21	7.02
	C09	-70.59	336.21	7.02
	B14	-70.59	336.21	7.02
	B11	-70.59	336.21	7.02
	B01	-70.59	336.21	7.02
CAPE EVANS	G01	-72.48	314.83	10.28
	D01	-72.48	314.83	10.28
	B08	-72.48	314.83	10.28
MAWSON	F03	-73.16	103.52	8.78
	F01	-73.16	103.52	8.78
	E04	-73.16	103.52	8.78
	D02	-73.16	103.52	8.78
	D01	-73.16	103.52	8.78
	G01 P	-73.17	103.54	8.78
	E01	-73.17	103.54	8.78
	C09	-73.17	103.54	8.78
	B09	-73.17	103.54	8.78
	B08	-73.17	103.54	8.78
	B01	-73.17	103.54	8.78
LITTLE AMERICA	D01	-73.98	312.14	12.40
	E03	-74.00	312.19	12.41
LITTLE AMERICA	E01	-74.00	312.19	12.41
	C09	-74.00	312.19	12.41
	B01	-74.00	312.19	12.41
CAPE HALLETT	C08	-74.60	278.55	20.35
	B08	-74.60	278.55	20.35
	F01	-74.61	278.46	20.43
	E03	-74.61	278.46	20.43
	E01	-74.61	278.46	20.43
	C09	-74.61	278.46	20.43
	B01	-74.61	278.46	20.43
	D01	-74.63	278.52	20.45
TERRE ADELIE	B09	-75.32	231.05	34.65
	F01	-75.57	231.48	36.63
	D02	-75.57	231.48	36.63
	D01	-75.57	231.48	36.63
	C09	-75.57	231.48	36.63
	B05	-75.57	231.48	36.63
	B08	-75.60	231.50	36.89
	B02	-75.60	231.50	36.89
	B01	-75.60	231.50	36.89
DAVIS	E01	-76.82	120.66	14.28
	D02	-76.82	120.66	14.28
	D01	-76.82	120.66	14.28
	B13	-76.82	120.66	14.28
	B08	-76.82	120.66	14.28
MIRNY	C09	-77.00	147.73	20.75
	B01	-77.00	147.73	20.75
	G01	-77.05	147.67	20.86
	F02	-77.05	147.71	20.88
	F01	-77.05	147.71	20.88
	E04	-77.05	147.71	20.88
	E03	-77.05	147.71	20.88
	E01	-77.05	147.71	20.88
	D02	-77.05	147.71	20.88
	D01	-77.05	147.71	20.88
	B08	-77.05	147.71	20.88
	B07	-77.05	147.71	20.88
PLATEAU	E01	-77.29	52.82	9.88
	D01	-77.29	52.82	9.88
	D02	-77.42	52.00	9.98
OASIS	D01	-77.46	161.61	27.65
	E01	-77.47	161.76	27.74
CASEY	D02	-77.64	179.60	39.03
	D01	-77.64	179.60	39.03
	C09	-77.64	179.60	39.03
	C07	-77.64	179.60	39.03
	B08	-77.64	179.60	39.03
	E01	-77.67	179.66	39.30
WILKES	D02	-77.72	180.10	40.00
	D01	-77.72	180.10	40.00
	F03	-77.75	181.90	41.51
	F01	-77.75	181.90	41.51
	E03	-77.75	181.90	41.51
	E01	-77.75	181.90	41.51
CASEY	F01	-77.75	180.00	40.17
	E04	-77.75	180.00	40.17
	B01	-77.75	180.00	40.17
CHARCOT	D01	-78.18	235.10	73.92
WILKES	C09	-78.37	179.94	45.48
	B01	-78.37	179.94	45.48
SOUTH POLE	F03	-78.53	0.00	13.56
	F01	-78.53	0.00	13.56
	E03	-78.53	0.00	13.56
	D02	-78.53	0.00	13.56
	D01	-78.53	0.00	13.56
	C10	-78.53	0.00	13.56
	C09	-78.53	0.00	13.56
	C08	-78.53	0.00	13.56
	B08	-78.53	0.00	13.56
	B01	-78.53	0.00	13.56

MASTER STATION LIST BY GEOMAGNETIC LATITUDE

STATION NAME	OBS PROG	GEOMAGNETIC LAT	LONG EAST	L-VALUE
SCOTT BASE	C09	-78.88	294.31	31.21
	D02	-78.91	294.53	31.23
	D01	-78.91	294.53	31.23
MCMURDO	G01	-78.92	294.48	31.33
	F03	-78.92	294.49	31.30
	F01	-78.92	294.49	31.30
	E03	-78.92	294.48	31.33
	D02	-78.92	294.48	31.33
	D01	-78.92	294 48	31.33
	C10	-78.92	294.48	31.33
	C08	-78.92	294.48	31.33
	B08	-78.92	294.48	31.33
SCOTT BASE	E03	-78.93	294.76	31.20
	E01	-78.93	294.76	31.20
	B13	-78.93	294.76	31.20
	B11	-78.93	294.76	31.20
	B06	-78.93	294.76	31.20
	B01	-78.93	294.76	31.20
MCMURDO	B05	-79.05	291.93	33.66
PIONERSKAYA	D01	-80.36	147.56	33.06
VOSTOK	C08	-89.15	105.00	72.67
	C10	-89.26	98.17	72.62
	C09	-89.26	98.17	72.62
	D02	-89.27	94.25	71.86
	D01	-89.27	94.25	71.86
	B08	-89.27	94.25	71.86
	B01	-89.27	94.25	71.86
	F04	-89.28	90.39	71.32
	F01	-89.28	90.39	71.32
	E01	-89.28	90.39	71.32

Coordinates Variable

CROATAN (USNS)	B05
ELTANIN SHIP	B14
KOROLEY (SHIP)	B05
NOYEKOV (SHIP)	B05
PROFESSOR VISE	B05
SHIP C (SHIP)	B05
SHIRSHOV (SHIP)	B05
SHOKALSKI (SHIP)	B05
SOYA SHIP	B01
	G01
ZARYA SHIP	B01

SEPARATE DISCIPLINE LISTINGS

A01 SUNSPOT POSITIONS, AREAS, AND CLASSIFICATION

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
DOURBES	50.80	4.35
LOCARNO	46.10	8.48
AROSA	46.78	9.68
ARCETRI	43.75	11.25
ROME	41.90	12.52
BERLIN-ADLERSHOF	52.43	13.53
TRIESTE	45.65	13.75
CATANIA	37.50	15.08
WROCLAW	51.10	17.08
CAPE TOWN	-33.93	18.40
GYULA	46.65	21.25
DEBRECEN	47.56	21.62
ATHENS (1)	37.99	23.75
BUCHAREST	44.41	26.10
ISTANBUL	41.02	28.97
KANDILLI	41.07	29.07
BEIRUT	33.88	35.50
TEHRAN	35.70	51.40
CARNARVON	-25.00	114.00
MANILA	14.39	120.59
BAGUIO	16.40	120.60
LUNPING	25.18	121.17
TAIPEI	24.95	121.23
PYONG YANG	39.07	125.78
SEOUL	35.58	127.00
IKOMASAN	34.68	135.68
TOKYO	35.67	139.55
PALEHUA	20.71	203.70
SAN FERNANDO OBS	34.05	241.51
MT WILSON	34.14	241.97
SACRAMENTO PEAK	32.72	254.25
BOULDER	40.00	254.70
TEOLOYUCAN	19.75	260.82
WASHINGTON	38.67	282.98
PUERTO RICO	18.12	293.85
ROSARIO	-32.92	300.63
BUENOS AIRES	-34.55	301.30
CANARY ISLANDS	28.00	344.70
PRESTON	53.77	357.30

A02 SUNSPOT NUMBERS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
HERSTMONCEUX	50.90	.33
TORTOSA	40.82	.50
BARCELONA	41.40	2.02
MEUDON	48.48	2.14
DOURBES	50.80	4.35
FREIBURG/BREISAC	48.00	7.80
KARLSRUHE	49.00	8.24
LOCARNO	46.10	8.48
ZURICH	47.38	8.57
SONNEBERG	50.37	11.18
ROME	41.90	12.52
POTSDAM	52.55	13.07
TRIESTE	45.65	13.75
KANZELHOHE	46.68	13.90
CAPRI F	40.55	14.22
LJUBLJANA	46.03	14.31
ONDREJOV	49.92	14.78
CATANIA	37.50	15.08
WROCLAW	51.10	17.08
GDANSK	54.35	18.65
DABROWA GORNIC	50.33	19.22
SKALNATE PLESO	49.20	20.22

A02 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
NOWY SACZ	49.38	20.42
BEOGRAD	44.80	20.51
ATHENS (2)	38.00	23.00
THESSALONIKA	40.95	23.00
ATHENS (1)	37.99	23.75
BUCHAREST	44.41	26.10
ISTANBUL	41.02	28.97
KANDILLI	41.07	29.07
KIEV	50.45	30.50
BEIRUT	33.88	35.50
KISLOVODSK	43.55	42.44
TASHKENT	41.33	69.30
DELHI	28.60	77.10
KODAIKANAL	10.20	77.50
BANGKOK	13.70	100.60
MANILA	14.39	120.59
BAGUIO	16.40	120.60
LUNPING	25.18	121.17
TAIPEI	24.95	121.23
PYONG YANG	39.07	125.78
SEOUL	35.58	127.00
USSURISK	43.00	132.00
IKOMASAN	34.68	135.68
TOKYO	35.67	139.55
WELLINGTON	-41.23	174.92
SACRAMENTO PEAK	32.72	254.25
BOULDER	40.00	254.70
LATROBE	40.30	280.77
SOUTH HADLEY	42.25	287.42
SANTIAGO	-33.57	289.32
TUCUMAN	-26.90	294.60
ROSARIO	-32.92	300.63
BUENOS AIRES	-34.55	301.30
MADRID	40.40	356.32
CARTUJA	37.18	356.40

A03 SOLAR MAGNETIC FIELDS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
ROME	41.90	12.52
POTSDAM	52.55	13.07
BERLIN-ADLERSHOF	52.43	13.53
KANZELHOHE	46.68	13.90
PULKOVO	59.77	30.32
SIMFEROPOL	44.40	33.98
URAL	55.00	37.00
MOSCOW	55.47	37.32
KISLOVODSK	43.55	42.44
SHEMACHA	40.77	48.58
IRKUTSK	52.47	104.03
USSURISK	43.00	132.00
STANFORD	37.43	237.83
SAN FERNANDO OBS	34.05	241.51
MT WILSON	34.14	241.97
KITT PEAK	31.95	248.39
TUCSON	31.96	248.40

A04 Hα OBS (OTHER THAN FLARES)

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
ROME	41.90	12.52

A04 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
CAPRI F	40.55	14.22
WROCLAW	51.10	17.08
DEBRECEN	47.56	21.62
TEHRAN	35.70	51.40
SAN FERNANDO OBS	34.05	241.51
CALTECH	34.00	242.00
SACRAMENTO PEAK	32.72	254.25
BOULDER	40.00	254.70
MCMATH-HULBERT	42.67	276.70
ROSARIO	-32.92	300.63
LOCKHEED	33.93	241.62
MT WILSON	34.14	241.97
CLIMAX	39.37	253.82
SACRAMENTO PEAK	32.72	254.25
BOULDER	40.00	254.70
HOUSTON	30.00	265.00
WASHINGTON	38.67	282.98
HUANCAYO	-12.05	284.67
OTTAWA	45.40	286.42
CANARY ISLANDS	28.00	344.70
DUNSINK	53.38	353.67
DUBLIN	53.00	354.00
EDINBURGH	55.92	356.82
CANARY ISLANDS	28.00	344.70

A05 CALCIUM PLAGES: POSITIONS AREAS, MAXIMUM INTENSITIES

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
MEUDON	48.48	2.14
ARCETRI	43.75	11.25
ROME	41.90	12.52
CATANIA	37.50	15.08
SIMFEROPOL	44.40	33.98
KODAIKANAL	10.20	77.50
IKOMASAN	34.68	135.68
SAN FERNANDO OBS	34.05	241.51
MCMATH-HULBERT	42.67	276.70

A06 COMBINED AND SPECIAL OPTICAL OBS. (SOLAR MAPS, PROMINENCES, FILAMENTS)

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
HERSTMONCEUX	50.90	.33
MEUDON	48.48	2.14
DOURBES	50.80	4.35
HAUTE PROVENCE	43.93	5.72
FREIBURG/BREISAC	48.00	7.80
LOCARNO	46.10	8.48
AROSA	46.78	9.68
ARCETRI	43.75	11.25
WENDELSTEIN	47.70	12.00
ROME	41.90	12.52
KANZELHOHE	46.68	13.90
CAPRI F	40.55	14.22
CAPRI S	40.55	14.22
ONDREJOV	49.92	14.78
CATANIA	37.50	15.08
WROCLAW	51.10	17.08
CAPE TOWN	-33.93	18.40
THESSALONIKA	40.95	23.00
ATHENS (1)	37.99	23.75
LVOV	49.82	24.02

SEPARATE DISCIPLINE LISTINGS

A06 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
BUCHAREST	44.41	26.10
ISTANBUL	41.02	28.97
KANDILLI	41.07	29.07
KIEV	50.45	30.50
SIMFEROPOL	44.40	33.98
KHARKOV	49.43	36.92
MOSCOW	55.47	37.32
MOSCOW UNIVERSIT	55.47	37.32
KISLOVODSK	43.55	42.44
ABASTUMANI	41.75	42.83
BAKOU	40.30	48.60
TASHKENT	41.33	69.30
ALMA ATA	43.25	76.92
KODAIKANAL	10.20	77.50
HYDERABAD	17.43	78.45
SIBERIA	52.00	104.00
IRKUTSK	52.47	104.03
CARNARVON	-25.00	114.00
MANILA	14.39	120.59
USSURISK	43.00	132.00
IKOMASAN	34.68	135.68
TOKYO	35.67	139.55
CULGOORA	-30.32	149.57
SYDNEY/FLEURS	-33.87	150.77
CAPE WELLEN	66.20	190.10
HONOLULU	21.30	201.93
HALEAKALA	20.75	203.70
PALEHUA	20.71	203.70
MAUNA LOA	19.51	204.42
LOCKHEED	33.93	241.62
MT WILSON	34.14	241.97
CLIMAX	39.37	253.82
SACRAMENTO PEAK	32.72	254.25
BOULDER	40.00	254.70
HOUSTON	30.00	265.00
WASHINGTON	38.67	282.98
HUANCAYO	-12.05	284.67
OTTAWA	45.40	286.42
CANARY ISLANDS	28.00	344.70
DUNSINK	53.38	353.67
DUBLIN	53.00	354.00
EDINBURGH	55.92	356.82

A07 OPTICAL OBS. OF THE CORONA

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
PIC DU MIDI	43.00	.10
AROSA	46.78	9.68
WENDELSTEIN	47.70	12.00
KANZELHOHE	46.68	13.90
LOMNICKY STIT	49.20	20.22
DEBRECEN	47.56	21.62
KISLOVODSK	43.55	42.44
ALMA ATA	43.25	76.92
MT NORIKURA	36.10	137.55
HALEAKALA	20.75	203.70
MAUNA LOA	19.51	204.42
CLIMAX	39.37	253.82
SACRAMENTO PEAK	32.72	254.25

A08 TOTAL RADIO FLUX MEASUREMENTS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
CAMBRIDGE	52.17	.03
NEDERHORST DEN B	53.36	5.08
DOURBES	50.18	5.25
DWINGELOO	52.50	6.21
BERNE	46.39	6.44
BONN	50.74	7.10
HARESTUA	60.00	10.00
KIEL	54.30	10.10
KJELLER	60.22	10.75
ARCETRI	43.75	11.25
BOLOGNA	44.50	11.30
POTSDAM	52.55	13.07
NEUSTRELITZ	53.28	13.08
BERLIN-ADLERSHOF	52.43	13.53
TRIESTE	45.65	13.75
ONDREJOV	49.92	14.78
UPICE	50.49	16.01
RIGA	56.95	24.07
LWIRO	-2.25	28.60
KIEV	50.45	30.50
SIMFEROPOL	44.40	33.98
MOSCOW	55.47	37.32
KISLOVODSK	43.55	42.44
ABASTUMANI	41.75	42.83
GORKY	56.10	44.30
DELHI	28.60	77.10
KODAIKANAL	10.20	77.50
IRKUTSK	52.47	104.03
MANILA	14.39	120.59
USSURISK	43.00	132.00
TOYOKAWA	34.83	137.37
TOKYO	35.67	139.55
HIRAISO	36.37	140.63
SEATTLE	47.75	237.58
PENTICTON	48.30	240.40
SAN FERNANDO OBS	34.05	241.51
BOULDER	40.10	254.70
NORTH LIBERTY	41.32	273.74
PENN STATE U	40.52	282.13
HUANCAYO	-12.05	284.67
OTTAWA	45.40	286.42
SAGAMORE HILL	42.61	289.20
BUENOS AIRES	-34.55	301.30
VILLA ELISA	-34.00	302.00
SAO PAULO	-22.55	313.37
JODRELL BANK	53.23	357.70
SLOUGH	51.48	359.43
BORDEAUX	44.85	359.70

A09 RADIO AND RADAR MAPS OF SOLAR DISK

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
SYDNEY/FLEURS	-33.87	150.77
STANFORD	37.43	237.83
SAN FERNANDO OBS	33.91	241.62
LA POSTA	32.80	243.57
PROSPECT HILL	42.38	288.75

A10 RADIO EAST-WEST SCANS OF SOLAR DISK

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
NANCAY	44.40	2.20
NEDERHORST DEN B	52.23	5.08
SYDNEY/FLEURS	-33.87	150.77
OTTAWA	45.40	286.42

A11 SOLAR X-RAY AND UV BACKGROUND LEVELS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
ABERDEEN (US)	45.50	261.50
WASHINGTON	38.67	282.98
LEICESTER	51.00	359.00

A14 COMET TAILS, INTERPLANETARY SCINTILLATIONS, ZODIACAL LIGHT

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
CAMBRIDGE	52.17	.03
OOTACAMUND	11.25	76.43
UCHINOURA	31.25	131.07
TOYOKAWA	34.83	137.37
SUGADAIRA	36.51	138.35
ADELAIDE	-34.60	138.40
FUJIGANE	35.41	138.61
DODAIRA	36.00	139.20
OGASAWARA	27.15	142.30
LA JOLLA	32.52	242.48
JAMAICA	18.00	283.20
CORDOBA	-31.50	295.50

A15 SPORADIC RADIO EMISSIONS FROM JUPITER

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
BOULDER	40.03	254.70
JAMAICA	18.00	283.20

SEPARATE DISCIPLINE LISTINGS

B01 IONOSPHERE VERTICAL SOUNDINGS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/QANAQ	77.50	290.80	88.97	3.26
THULE/CAMP TUTO	76.40	291.30	87.87	4.87
EUREKA	80.00	274.10	86.62	236.39
ALERT	82.60	297.40	85.78	157.91
RESOLUTE BAY	74.70	265.10	83.07	290.20
ARCTICA II(NP-7)	*86	296	82	177
CLYDE	70.50	291.40	81.97	2.08
GODHAVN	69.30	306.50	79.85	33.49
FLETCHERS ICE	*75	235	78	254
ARCTICA I (NP-6)	*82	9	77	143
SDR STROMFJORD	67.00	310.00	77.26	36.20
FROBISHER BAY	63.80	291.40	75.27	1.51
SACHS HARBOR	72.00	235.00	75.20	266.01
LONGYEARBYEN	78.20	15.70	74.31	131.11
BAKER LAKE	64.30	264.00	73.79	316.06
ARCTICA (NP-13)	*81	165	71	204
HEISS IS	80.60	58.00	71.28	156.18
NARSSARSSUAQ	61.20	314.60	71.14	37.42
ARCTICA (NP-16)	*78	176	70	214
REYKJAVIK	64.10	338.20	70.07	71.29
ARCTICA (NP-11)	*79	165	70	207
FORT CHIMO	58.10	291.60	69.57	1.62
FORT NORMAN	64.90	234.50	69.17	278.44
ARCTICA (NP-10)	*78	165	69	208
YELLOWKNIFE	62.40	245.60	69.02	293.93
CHURCHILL	58.80	265.80	68.73	323.32
BARROW	71.30	203.20	68.63	241.52
ARCTICA (NP-19)	*78	150	67	200
TROMSO	69.70	19.00	67.07	117.10
KIRUNA	67.80	20.40	65.17	115.88
COLLEGE	64.90	212.20	64.76	256.98
EIELSON AFB	64.66	213.00	64.70	257.95
GOOSE BAY	53.32	299.16	64.61	12.07
MURMANSK	69.00	33.00	64.10	126.77
SODANKYLA	67.40	26.60	63.73	120.32
THE PAS	54.00	259.00	63.19	317.04
DIXON	73.50	80.40	62.97	161.71
LULEA	65.60	22.10	62.90	114.96
LYCKSELE	64.70	18.80	62.70	111.37
CAPE SCHMIDT	68.90	179.50	62.70	227.11
MEANOOK	54.60	246.70	61.88	301.66
SWAN RIVER	52.10	258.80	61.31	317.70
ANCHORAGE	61.20	210.10	61.01	258.60
SOUTH UIST	57.20	352.86	60.90	80.61
SASKATOON	52.10	253.40	60.54	311.06
INVERNESS	57.40	355.80	60.51	83.78
TIXIE BAY	71.60	128.90	60.50	191.65
FRASERBURGH	57.60	357.90	60.28	86.05
WINNIPEG	49.80	265.60	59.88	327.17
KJELLER	60.00	11.10	59.88	100.56
PROVIDENYA	64.40	186.60	59.67	236.15
PORTAGELAPRAIRIE	49.90	261.70	59.53	322.23
BURGHEAD	57.70	3.50	59.26	91.65
BAIE ST PAUL	47.38	289.45	58.85	358.59
NORILSK	69.40	88.10	58.50	165.11
PRINCE RUPERT	54.30	229.70	58.48	282.96
UPPSALA	59.80	17.60	58.44	106.28
ST JOHNS	47.60	307.30	58.44	21.82
NURMIJARVI	60.50	24.60	57.78	112.89
SALEKHARD	66.50	66.70	57.30	149.26
OTTAWA	45.40	284.10	56.78	351.75
HIGHGATE SPGS	45.01	286.91	56.45	355.37
ERROL	44.79	288.87	56.26	357.88
LENINGRAD	59.95	30.70	56.17	117.70
LANCASTER	53.00	358.00	55.95	83.11
ABERYSTWYTH	52.43	355.93	55.82	80.67
HANOVER	43.70	287.80	55.16	356.55
LEICESTER	52.00	359.00	54.81	83.56
JULIUSRUH/RUGEN	54.60	13.40	54.40	99.06
SLOUGH	51.50	359.43	54.25	83.72

B01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
BADDOW	51.70	.50	54.22	84.90
VICTORIA	48.40	236.60	54.16	293.59
BOSTON	42.60	288.70	54.07	357.70
BILLERICA	42.60	288.70	54.07	357.70
MILLSTONE HILL	42.60	288.50	54.06	357.45
MAYNARD	42.43	288.55	53.89	357.52
SEATTLE	47.75	237.58	53.71	294.96
DE BILT	52.10	5.20	53.67	89.79
KALININGRAD	54.70	20.62	53.10	105.77
LINDAU	51.60	10.10	52.22	94.28
DOURBES	50.10	4.60	51.89	88.15
LANNION	48.45	356.73	51.87	79.41
FORT MONMOUTH	40.40	285.90	51.83	354.29
DOMONT	49.00	2.30	51.30	85.32
BAGNEUX	48.80	2.30	51.11	85.22
YAKUTSK	62.00	129.60	50.99	194.10
MOSCOW	55.50	37.30	50.82	120.86
MAGADAN	60.12	151.02	50.75	210.75
TUNGUSKA	61.60	90.00	50.67	164.74
MIEDZESZYN	52.20	21.20	50.62	105.00
PARIS-SACLAY	48.10	2.30	50.44	84.89
BATAVIA	39.40	275.90	50.42	342.16
GORKY	56.15	44.28	50.29	127.06
WASHINGTON	38.70	282.90	50.05	350.71
PRUHONICE	50.00	14.60	49.81	97.77
GARCHY	47.30	3.10	49.52	85.33
POITIERS	46.60	.30	49.40	82.20
FREIBURG/BREISAC	48.10	7.60	49.39	90.14
WALLOPS IS	37.90	284.50	49.30	352.70
ERIE	40.01	254.70	48.90	316.99
BOULDER	40.00	254.70	48.89	317.00
SVERDLOVSK	56.70	61.10	48.42	141.06
SCHWARZENBURG	46.60	6.70	48.14	88.59
KIEV	50.72	30.30	47.50	112.56
ADAK	51.90	183.40	47.31	240.43
GRAZ	47.10	15.50	46.87	97.33
TOMSK	56.50	84.90	45.91	159.93
GENOVA	44.60	9.00	45.76	90.02
HUNTSVILLE	34.44	273.65	45.33	340.08
BUDAPEST	46.40	21.10	45.10	102.33
PETROPAVLOVSK	53.02	158.65	44.67	219.03
NOVOSIBIRSK	55.02	82.54	44.61	157.79
TORTOSA	40.80	.30	43.82	79.90
STANFORD	37.40	237.80	43.70	299.02
BEOGRAD	44.80	20.50	43.68	101.14
ROME	41.90	12.52	42.46	92.42
ROSTOV	47.20	39.68	42.43	119.58
POINT ARGUELLO	35.60	239.40	42.22	301.26
EL ARENOSILLO	37.10	353.27	41.59	71.44
PARAMUSHIRO	50.10	155.30	41.40	217.03
EGLIN AFB	30.38	273.30	41.26	340.13
WHITE SANDS	32.30	253.50	41.14	317.47
SIMFEROPOL	44.80	34.10	41.10	113.74
IRKUTSK	52.47	104.03	41.06	174.75
BATON ROUGE	30.50	268.80	41.04	334.98
SOFIA	42.60	23.40	41.00	103.08
CHITA	52.00	113.50	40.54	182.41
KARAGANDA	49.82	73.08	40.31	149.04
LA POSTA	32.80	242.50	39.99	305.34
CAPE KENNEDY	28.40	279.40	39.63	347.26
PATRICK AFB	28.20	279.40	39.43	347.28
COCOA	28.20	279.40	39.43	347.28
SHIKUKA	49.30	143.00	39.31	206.90
ISTANBUL	41.13	29.03	38.50	107.85
RABAT	33.90	353.90	38.36	71.13
CASABLANCA	33.60	352.40	38.35	69.49
GRAND BAHAMA	26.60	281.80	37.92	350.09
KHABAROVSK	48.50	135.10	37.89	200.43
NOVOKAZALINSK	45.77	62.12	37.60	138.82
YUZHNO SAKHALI	47.00	143.00	37.03	207.30

B01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
TOYOHARA	46.90	142.80	36.92	207.15
ATHENS (1)	38.00	23.60	36.51	101.76
TBILISI	41.70	44.80	36.22	122.47
TSITSIHAR	47.30	123.90	36.09	191.19
HIRATSUKA	35.30	13.93	35.80	91.63
SAN SALVADOR	24.10	285.50	35.52	354.36
WAKKANAI	45.40	141.70	35.33	206.45
CUBA	23.00	278.00	34.17	346.03
ALMA ATA	43.25	76.92	33.42	151.11
TASHKENT	41.33	69.62	32.30	144.43
CAPE ZEVGARI	34.60	33.00	31.41	109.66
FUKAURA	40.60	139.90	30.41	205.58
ASHKHABAD	37.90	58.30	30.39	133.69
PUERTO RICO	18.50	292.80	29.96	2.49
ARECIBO	18.50	293.17	29.96	2.89
DUSHANBE	38.57	68.78	29.67	143.19
AKITA	39.70	140.10	29.53	205.87
JAMAICA	18.00	283.20	29.37	352.00
HAIFA	32.82	34.98	29.31	111.06
TEHRAN	35.70	51.40	29.28	126.96
MEXICO CITY	19.40	260.30	29.18	327.05
PEIPING	39.90	116.40	28.48	185.12
DAIRAN	39.00	121.60	27.71	189.70
SHIBATA	37.90	139.30	27.67	205.39
CAIRO	30.00	31.19	27.27	106.77
SEOUL	37.39	126.95	26.33	194.51
HIRAISO	36.40	140.60	26.30	206.73
TOKYO	35.70	139.50	25.50	205.84
KOKUBUNJI	35.70	139.50	25.50	205.84
MEGURO	35.60	139.70	25.42	206.03
KAMINOGE	35.60	139.60	25.41	205.94
TAMANRASSET	22.80	5.53	25.29	80.02
PESHAWAR	34.00	71.50	24.83	144.88
LANCHOW	36.10	103.80	24.70	174.02
BARBADOS	13.12	300.40	24.41	10.56
TRINIDAD	10.75	298.43	22.11	8.38
DAKAR	14.70	341.60	21.69	54.08
QUETTA	30.20	67.00	21.61	140.19
MAUI	20.80	203.50	20.96	268.58
NANKING	32.10	119.00	20.74	187.67
PANAMA	9.40	280.10	20.67	349.00
YAMAGAWA	31.20	130.60	20.36	198.25
HANKOW	30.70	114.30	19.25	183.43
WUCHANG	30.60	114.40	19.15	183.53
DELHI	28.60	77.16	18.86	149.31
LOSHAN	29.50	103.70	18.10	173.75
CHUNGKING	29.40	106.30	17.96	176.13
PARAMARIBO	5.80	304.80	16.91	14.85
OUAGADOUGOU	12.40	358.50	16.46	70.74
BOGOTA	4.50	285.80	15.93	355.10
OKINAWA	26.30	127.80	15.30	196.02
TOGO	10.80	0.00	14.61	71.92
POPAYAN	2.45	283.38	13.83	352.64
AHMEDABAD	23.02	72.60	13.82	144.37
TAIPEI	25.00	121.20	13.71	189.95
KHARTOUM	15.55	32.58	12.87	104.89
CALCUTTA	23.00	88.60	12.30	159.40
HONG KONG	22.33	114.20	10.88	183.46
MACAU	22.20	113.60	10.74	182.89
IBADAN	7.40	3.90	10.53	75.12
BOMBAY	19.00	72.80	9.81	144.04
ACCRA	5.63	359.83	9.56	70.74
FORT ARCHAMBAULT	9.20	18.35	9.45	89.71
HYDERABAD	17.35	78.47	7.55	149.26
DJIBOUTI	11.50	42.80	6.98	113.99
HAINAN	18.30	109.30	6.83	178.82
TALARA	-4.60	278.70	6.63	348.13
FORTALEZA	-3.70	321.20	6.17	30.80
RANGOON	16.80	96.50	5.65	166.51
PALMYRA ISLAND	5.90	197.90	5.26	266.25

B01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
BAGUIO	16.40	120.60	5.10	189.70
BANGUI	4.60	18.60	4.89	89.03
CHICLAYO	-6.80	280.20	4.49	349.71
GUAM	13.50	144.87	3.96	213.36
NATAL	-5.70	324.80	3.80	34.16
MANILA	14.70	121.10	3.41	190.24
MADRAS	13.10	80.30	3.14	150.59
KWAJALEIN	9.05	167.20	2.65	235.69
BANGKOK	13.83	100.58	2.52	170.33
CHRISTMAS IS	1.90	202.70	2.29	271.75
CHIMBOTE	-9.10	281.40	2.23	350.98
TIRUCHIRAPALLI	10.80	78.70	1.01	148.79
KODAIKANAL	10.20	77.50	.54	147.56
LEYTE	11.00	125.00	-.12	194.20
BUNIA	1.50	30.20	-.44	99.77
JICAMARCA	-11.95	283.14	-.57	352.77
HUANCAYO	-12.00	284.70	-.59	354.30
THUMBA	8.60	76.90	-.99	146.79
TRIVANDRUM	8.50	77.00	-1.10	146.88
COLOMBO	6.90	79.87	-2.99	149.54
PALAU	7.30	134.50	-3.20	203.80
KINSHASA-BINZA	-4.50	15.20	-3.35	83.88
LWIRO	-2.30	28.80	-3.89	97.65
ZARYA SHIP	COORDINATES VARIABLE			
JULIACA	-15.50	289.80	-4.03	359.30
NAIROBI	-1.28	36.83	-4.46	105.75
LA PAZ	-16.50	291.90	-5.03	1.32
PENANG	5.50	100.40	-5.79	169.87
ILO	-17.40	288.80	-5.93	358.34
MAKASSAR	5.20	119.50	-6.13	188.98
SINGAPORE	1.30	103.80	-10.09	173.17
LA QUIACA	-22.10	294.40	-10.65	3.65
HOLLANDIA	-2.50	140.80	-12.38	211.04
VANIMO	-2.70	141.30	-12.53	211.57
ELIZABETHVILLE	-11.60	27.50	-12.75	94.50
SAO PAULO	-23.50	313.50	-12.88	21.54
SAN JOSE	-22.70	324.80	-13.09	32.23
TAHITI	-17.70	210.70	-15.34	283.51
TUCUMAN	-26.90	294.60	-15.45	3.77
TANGERANG	-6.17	106.63	-17.62	175.93
TSUMEB	-19.20	17.70	-18.24	83.28
BANDCENG	-6.90	107.60	-18.36	176.94
PORT MORESBY	-9.40	147.10	-18.52	218.31
PITCAIRN	-25.00	230.00	-19.00	303.44
SALISBURY (RHODE	-17.80	31.00	-19.51	96.63
SAN JUAN (ARG)	-31.50	294.50	-20.05	3.60
CAPE YORK	-11.00	142.40	-20.66	213.64
RAROTONGA	-21.20	200.20	-20.82	274.09
FIJI	-18.00	178.20	-22.01	251.60
BUENOS AIRES	-34.50	301.50	-23.21	9.83
COCOS IS	-12.20	96.80	-23.33	165.37
TANANARIVE	-18.80	47.50	-23.65	112.92
CONCEPCION	-36.60	287.00	-25.15	356.87
JOHANNESBURG	-26.10	28.10	-27.04	91.83
TOWNSVILLE	-19.30	146.70	-28.39	219.28
TRELEW	-43.20	294.70	-31.75	3.57
KERMADEC	-29.20	182.10	-32.21	258.17
CAPE TOWN	-34.10	18.30	-32.89	80.19
HERMANUS	-34.42	19.23	-33.38	80.99
GRAHAMSTOWN	-33.30	26.50	-33.73	88.35
NORFOLK IS	-29.00	168.00	-34.66	243.70
BRIBIE IS	-27.30	153.00	-35.44	227.43
BRISBANE	-27.50	152.90	-35.65	227.36
PORT STANLEY	-51.70	302.20	-40.42	9.48
WOOMERA	-31.00	136.30	-41.17	209.67
AUCKLAND	-37.00	175.00	-41.17	253.20
WATHEROO	-30.30	115.90	-41.71	186.21
USHUAIA	-54.80	291.70	-43.33	.93
MUNDARING	-31.99	116.31	-43.39	186.75
CANBERRA	-35.30	149.00	-43.90	224.80

SEPARATE DISCIPLINE LISTINGS

B01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
SOUTH GEORGIA	-54.27	323.50	-44.28	26.35
SALISBURY	-34.70	138.60	-44.60	212.91
BEVERIDGE	-37.29	144.59	-46.46	220.30
CHRISTCHURCH	-43.60	172.80	-47.98	253.24
MARION IS	-46.87	37.85	-49.09	94.76
HOBART	-42.90	147.30	-51.61	224.92
DECEPCION	-63.00	299.30	-51.62	6.40
PORT LOCKROY	-64.80	296.50	-53.37	4.26
ARGENTINE IS	-65.20	295.70	-53.76	3.67
SOYA SHIP	COORDINATES VARIABLE			
CAMPBELL IS	-52.50	169.20	-57.19	253.66
KERGUELEN	-49.40	70.30	-57.45	128.63
MACQUARIE IS	-54.50	159.00	-60.98	243.64
SANAE	-70.30	357.60	-63.71	44.50
EIGHTS	-75.23	282.84	-63.82	355.57
HALLEY BAY	-75.50	333.40	-65.83	24.58
ELLSWORTH	-77.72	318.90	-66.98	14.98
BELGRANO	-77.90	321.40	-67.29	16.18
BAUDOUIN	-70.40	23.30	-67.89	62.90
SYOWA BASE	-69.00	39.60	-69.75	78.17
BYRD STATION	-80.00	240.00	-70.59	336.21
MAWSON	-67.60	62.90	-73.17	103.54
LITTLE AMERICA	-78.20	197.80	-74.00	312.19
CAPE HALLETT	-72.30	170.20	-74.61	278.46
TERRE ADELIE	-66.70	140.00	-75.60	231.50
MIRNY	-66.50	93.00	-77.00	147.73
CASEY	-66.28	110.53	-77.75	180.00
WILKES	-66.90	110.50	-78.37	179.94
SOUTH POLE	-90.00	0.00	-78.53	0.00
SCOTT BASE	-77.90	166.80	-78.93	294.76
VOSTOK	-78.45	106.87	-89.27	94.25

B02 TOPSIDE-VERTICAL INCIDENCE SOUNDINGS AND SATELLITE PROBE DATA

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
RESOLUTE BAY	74.68	265.12	83.05	290.35
TROMSO	69.65	18.93	67.04	116.98
ULASKA	64.97	212.48	64.88	257.16
COLLEGE	64.87	212.20	64.74	257.02
PRINCE ALBERT	53.22	254.07	61.73	311.30
EAST GRAND FORK	48.92	262.98	58.72	324.18
ST JOHNS	47.73	307.27	58.57	21.81
OTTAWA	45.35	284.12	56.73	351.78
SLOUGH	51.43	359.30	54.21	83.55
BRETIGNY	48.60	357.52	51.86	80.29
BLOSSOM POINT	38.42	282.90	49.77	350.73
BOULDER	40.60	254.87	49.51	317.03
ROSMAN NC	35.20	277.51	46.32	344.54
FORT MYERS	26.53	278.13	37.70	345.95
CANARY ISLANDS	28.00	344.70	34.26	60.01
KASHIMA	35.95	140.65	25.85	206.83
KAUAI	22.13	200.33	21.63	265.19
SOUTH POINT	18.93	204.30	19.29	269.78
OUAGADOUGOU	13.42	358.50	17.46	70.95
KOUROU	5.00	307.00	15.99	17.09
KANO	11.97	8.52	14.11	80.61
AHMEDABAD	23.02	72.60	13.82	144.37
QUITO	-.62	281.42	10.71	350.73
BRAZZAVILLE	-4.20	344.73	2.54	54.06
LIMA	-11.77	282.83	-.40	352.46
SINGAPORE	1.42	103.82	-9.97	173.19
ANTOFAGASTA	-23.62	289.72	-12.15	359.24
SANTIAGO	-33.13	289.32	-21.66	358.91
DARWIN	-12.28	130.50	-23.02	201.26
JOHANNESBURG	-25.87	27.70	-26.74	91.49

B02 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
PRETORIA	-25.80	28.30	-26.79	92.10
SOLANT	-52.00	302.00	-40.71	9.29
WOOMERA	-31.38	136.87	-41.49	210.38
ORRORAL	-35.62	148.95	-44.22	224.82
LAUDER	-45.05	169.67	-49.97	250.53
BYRD STATION	-80.00	240.50	-70.55	336.44
TERRE ADELIE	-66.70	140.00	-75.60	231.50

B03 INCOHERENT SCATTER SOUNDING

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
CHATANIKA	65.10	212.55	65.01	257.08
PRINCE ALBERT	53.22	254.07	61.73	311.30
ABERYSTWYTH	52.43	355.93	55.82	80.67
MALVERN	52.13	357.67	55.19	82.28
MILLSTONE HILL	42.60	288.50	54.06	357.45
SAINT SANTIN	44.11	2.03	46.67	82.90
STANFORD	37.43	237.83	43.74	299.04
ARECIBO	18.50	293.17	29.96	2.89
TRINIDAD	10.75	298.43	22.11	8.38
JICAMARCA	-11.95	283.14	-.57	352.77

B04 OBLIQUE INCIDENCE SOUNDINGS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/CAMP TUTO	76.40	291.30	87.87	4.87
RESOLUTE BAY	74.70	265.10	83.07	290.20
ANDOYA	69.30	16.00	67.27	114.25
WINNIPEG	49.80	265.60	59.88	327.17
ALSBJERG	56.68	9.10	57.20	96.31
OTTAWA	45.40	284.10	56.78	351.75
MAYNARD	42.43	288.55	53.89	357.52
THE HAGUE	52.10	4.40	53.83	89.00
PULLMAN	46.72	242.83	53.63	301.22
LINDAU	51.65	10.13	52.26	94.33
BOULDER	40.60	254.70	49.48	316.83
STANFORD	37.43	237.83	43.74	299.04
ORLANDO	28.55	272.67	39.40	339.60
PUERTO RICO	18.50	292.80	29.96	2.49
YAMAGAWA	31.20	130.60	20.36	198.25
OKINAWA	26.30	127.80	15.30	196.02
CALCUTTA	23.00	88.60	12.30	159.40
ASMARA	15.00	39.00	11.12	110.98
TSUMEB	-19.20	17.70	-18.24	83.28
LA PLATA	-34.90	303.00	-23.67	11.15
MONTEVIDEO	-35.00	304.00	-23.81	12.04
TOWNSVILLE	-19.30	146.70	-28.39	219.28
SAINT KILDA	-34.70	138.60	-44.60	212.91

B05 IONOSPHERIC OR AERONOMICAL ROCKETS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/CAMP TUTO	76.55	291.20	88.02	4.51
RESOLUTE BAY	74.70	265.10	83.07	290.20
CAPE PARRY	70.17	235.28	73.82	270.49

B05 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
HEISS IS	80.62	58.05	71.29	156.23
FRANZ JOSEF IS	80.61	58.00	71.29	156.19
BARTER ISLAND	70.12	216.37	70.06	253.63
VIK	63.42	341.00	68.92	73.65
CHURCHILL	58.80	265.80	68.73	323.32
BARROW	71.33	203.22	68.66	241.49
ANDOYA	69.30	16.00	67.27	114.25
ANDENES	69.10	16.00	67.09	113.98
GILLAM	55.92	264.00	65.70	322.53
KIRUNA	67.90	21.10	65.13	116.55
ALBUQUERQUE	65.10	212.50	65.00	257.03
ALASKA ROCKET RA	65.10	212.50	65.00	257.03
FORT WAINWRIGHT	64.82	212.37	64.72	257.22
COLLEGE	64.80	212.37	64.71	257.24
FORT GREELY	64.00	214.88	64.48	260.34
KRONOGARD	66.22	19.78	63.88	113.68
PRIMROSE LAKE	54.75	249.95	62.56	305.44
SOUTH UIST	57.37	352.67	61.10	80.54
PLESETSK	65.70	40.35	59.93	129.40
KEWEENAW, MICHIG	47.43	272.28	58.16	336.32
EAST QUODDY,CAN	44.90	296.58	56.29	7.73
WALLOPS IS	37.83	284.52	49.23	352.73
LANDES TEST CENT	44.27	3.61	46.51	84.55
TONOPAH	38.00	243.50	45.25	305.01
ILE DU LEVANT	43.05	6.47	44.77	86.92
VOLGOGRAD	48.68	44.35	43.08	124.21
KAPUSTIN YAR	48.52	45.80	42.69	125.43
EL ARENOSILLO	37.10	353.27	41.59	71.44
POINT ARGUELLO	34.62	239.42	41.27	301.55
EGLIN AFB	30.38	273.30	41.26	340.13
WHITE SANDS	32.40	253.47	41.23	317.42
POINT MUGU	34.12	240.88	41.02	303.26
SARDINIA	39.56	9.24	40.86	88.39
YUMA,ARIZONA	32.87	245.68	40.57	308.76
CROATAN (USNS)	COORDINATES VARIABLE			
SAN NICOLAS IS	33.23	240.58	40.10	303.17
EASTERN TEST RAN	28.45	279.47	39.68	347.34
CAPE KENNEDY	28.45	279.47	39.68	347.34
TYURATAM	45.63	63.27	37.31	139.78
KARYSTOS	38.02	24.42	36.37	102.54
KORONI BEACH	36.77	21.95	35.64	99.81
HAMMAGUIR	30.85	356.93	34.81	73.38
OBACHI	40.70	141.73	30.67	207.17
REGGANE	26.72	.17	30.16	75.59
ARECIBO	18.50	293.17	29.96	2.89
VEGA BAJA	18.47	293.58	29.92	3.34
AKITA	39.57	140.07	29.40	205.86
ANTIQUA	17.15	298.21	28.51	8.36
BARBADOS	13.05	300.50	24.34	10.67
KAUAI	22.07	200.23	21.55	265.10
FORT SHERMAN (CA	9.33	280.02	20.60	348.91
UCHINOURA	31.25	131.07	20.44	198.67
KAGOSHIMA	31.25	131.07	20.44	198.67
PUKA PUKA	15.00	221.00	18.71	287.17
SURINAM	5.83	303.69	16.99	13.70
SONMIANI	25.20	66.75	16.70	139.19
KOUROU	5.20	307.27	16.17	17.38
JOHNSTON ATOLL	16.75	190.48	14.43	256.80
GUAM	13.50	144.87	3.96	213.36
NATAL	-5.87	324.62	3.65	33.97
KWAJALEIN	8.73	167.73	2.42	236.26
THUMBA	8.33	76.87	-1.25	146.73
ASCENSION IS	-7.98	345.58	-1.33	54.29
SHOKALSKI (SHIP)	COORDINATES VARIABLE			
SHIRSHOV (SHIP)	COORDINATES VARIABLE			
SHIP C (SHIP)	COORDINATES VARIABLE			
PROFESSOR VISE	COORDINATES VARIABLE			

B05 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
NOYEKOV (SHIP)	COORDINATES VARIABLE			
KOROLEY (SHIP)	COORDINATES VARIABLE			
SAN MARCO PLATFO	-2.94	40.20	-6.73	108.75
TARTAGUL	-22.77	296.18	-11.35	5.31
LAPAN	-6.27	106.87	-17.72	176.18
CHAMICAL	-30.33	293.68	-18.87	2.87
CASSINO	-32.20	307.83	-21.19	15.66
MAR CHIQUITA	-37.75	302.58	-26.50	10.63
MAR DEL PLATA	-38.00	302.00	-26.73	10.10
CARNARVON	-24.50	113.40	-35.96	183.23
CAPE KARIKARI	-34.00	173.50	-38.53	250.74
WOOMERA	-31.97	136.52	-42.11	210.07
KERGUELEN	-48.83	70.00	-56.85	128.53
SYOWA BASE	-69.00	39.60	-69.75	78.17
MOLODEZHNAYA	-67.57	45.87	-69.78	86.05
TERRE ADELIE	-66.67	140.02	-75.57	231.48
MCMURDO	-77.50	165.00	-79.05	291.93

B06 TOTAL ELECTRON CONTENT - SATELLITE BEACONS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/CAMP TUTO	76.40	291.30	87.87	4.87
NORD	81.67	343.33	80.79	133.88
NARSSARSSUAQ	61.20	314.60	71.14	37.42
KIRUNA	67.80	20.40	65.17	115.88
GOOSE BAY	53.33	299.50	64.61	12.54
SODANKYLA	67.40	26.60	63.73	120.32
OULU	65.08	25.87	61.76	117.55
KJELLER	60.00	11.10	59.88	100.56
LANCASTER	53.00	358.00	55.95	83.11
ABERYSTWYTH	52.43	355.93	55.82	80.67
COPENHAGEN	55.85	12.45	55.76	98.92
KUHLUNGSBORN	55.00	12.70	54.92	98.64
CAMBRIDGE	52.20	.10	54.78	84.78
EDMONTON CANADA	47.00	247.00	54.60	305.83
HAMILTON	42.25	289.00	53.72	358.09
COLD BAY	55.20	197.25	52.96	251.08
BOCHUM	51.42	7.18	52.63	91.36
BRUXELLES	50.50	4.20	52.35	87.96
LINDAU	51.60	10.10	52.22	94.28
PENN STATE U	40.82	282.13	52.14	349.62
LANNION	48.45	356.73	51.87	79.41
EFFELSBERG	50.51	6.88	51.83	90.60
VAL-JOYEUX	48.82	2.02	51.19	84.95
URBANA	40.00	272.00	50.75	337.37
BELSK	51.83	20.80	50.34	104.45
RANDLE CLIFF	38.66	284.64	50.06	352.83
FREIBURG/BREISAC	48.05	7.59	49.34	90.11
BOULDER	40.10	254.70	48.99	316.97
GRAZ	47.10	15.50	46.87	97.33
ROSMAN NC	35.20	277.51	46.32	344.54
FLORENCE	43.81	11.20	44.56	91.85
PALO ALTO	37.50	242.00	44.52	303.52
TORTOSA	40.80	.30	43.82	79.90
STANFORD	37.40	237.80	43.70	299.02
CHINA LAKE	35.50	242.20	42.59	304.31
UCLA	34.07	241.56	41.08	304.00
SOFIA	42.65	23.44	41.04	103.13
CORONA	33.52	243.00	40.78	305.70
COLLEGE STATION	30.60	264.42	40.74	330.00
CLARK LAKE	33.20	243.60	40.56	306.43
ASHKHABAD	37.90	58.30	30.39	133.69
JAMAICA	18.00	283.20	29.37	352.00
HAIFA	32.82	34.98	29.31	111.06
TEHRAN	35.70	51.40	29.28	126.96

SEPARATE DISCIPLINE LISTINGS

B06 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
MIAHUATLAN MEX	16.22	263.40	26.34	330.75
SUGADAIRA	36.51	138.35	26.21	204.72
KASHIMA	35.95	140.65	25.85	206.83
TOKYO	35.70	139.48	25.50	205.82
GULMARG	34.07	74.40	24.58	147.52
HONOLULU	21.30	202.30	21.21	267.29
DELHI	28.63	77.22	18.89	149.37
AHMEDABAD	23.02	72.60	13.82	144.37
TAIPEI	25.00	121.20	13.71	189.95
KHARTOUM	15.55	32.58	12.87	104.89
CALCUTTA	23.00	88.60	12.30	159.40
HONG KONG	22.33	114.20	10.88	183.46
ACCRA	5.63	359.83	9.56	70.74
ADDIS ABABA	9.63	38.77	5.89	109.72
BANGKOK	13.70	100.60	2.39	170.35
NAIROBI	-1.28	36.83	-4.46	105.75
DAR ES SALAAM	-6.51	39.18	-10.04	107.06
SINGAPORE	1.30	103.80	-10.09	173.17
SAN JOSE	-23.32	314.14	-12.74	22.15
TUCUMAN	-26.90	294.60	-15.45	3.77
TSUMEB	-19.20	17.70	-18.24	83.28
BALI	-8.50	115.30	-19.93	185.02
RAROTONGA	-21.20	200.20	-20.82	274.09
DARWIN	-12.28	130.50	-23.02	201.26
BRISBANE	-27.50	152.90	-35.65	227.36
AUCKLAND	-34.00	173.00	-38.63	250.23
ARMIDALE	-30.50	151.50	-38.81	226.47
PORT STANLEY	-51.70	302.20	-40.42	9.48
WELLINGTON	-41.23	174.92	-45.28	254.55
BEVERIDGE	-37.29	144.59	-46.46	220.30
LAUDER	-45.05	169.67	-49.97	250.53
INVERCARGILL	-46.40	168.30	-51.52	249.65
CAMPBELL IS	-52.50	169.20	-57.19	253.66
MACQUARIE IS	-54.50	159.00	-60.98	243.64
SIPLE	-76.00	276.00	-64.73	351.83
SYOWA BASE	-69.00	39.60	-69.75	78.17
SCOTT BASE	-77.90	166.80	-78.93	294.76

B07 ABSORPTION - METHOD A1 (PULSE ECHO)

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
RESOLUTE BAY	74.70	265.10	83.07	290.20
BAKER LAKE	64.30	264.00	73.79	316.06
CHURCHILL	58.80	265.90	68.74	323.46
TROMSO	69.70	19.00	67.07	117.10
MURMANSK	68.95	33.05	64.04	126.76
DIXON	73.50	80.40	62.97	161.71
FAREWELL	62.50	206.13	61.43	253.94
SOUTH UIST	57.20	352.86	60.90	80.61
INVERNESS	57.40	355.80	60.51	83.78
KJELLER	60.00	11.10	59.88	100.56
WINNIPEG	49.90	262.80	59.66	323.61
EDINBURGH	55.92	356.82	58.93	83.76
OTTAWA	45.40	284.30	56.79	352.00
LANCASTER	53.00	358.00	55.95	83.11
ABERYSTWYTH	52.43	355.93	55.82	80.67
SWANSEA	51.63	356.00	55.05	80.29
JULIUSRUH/RUGEN	54.63	13.38	54.44	99.06
SLOUGH	51.43	359.30	54.21	83.55
MAYNARD	42.43	288.55	53.89	357.52
DE BILT	52.10	5.18	53.67	89.77
LINDAU	51.65	10.13	52.26	94.33
PENN STATE U	40.82	282.13	52.14	349.62
DOURBES	50.10	4.60	51.89	88.15

B07 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
DOMONT	49.00	2.30	51.30	85.32
MOSCOW	55.47	37.32	50.79	120.86
FREIBURG/BREISAC	48.05	7.59	49.34	90.11
SVERDLOVSK	56.73	61.07	48.46	141.05
TOMSK	56.47	84.93	45.88	159.95
GENOVA	44.55	8.95	45.72	89.95
ROSTOV	47.22	39.68	42.45	119.59
IRKUTSK	52.47	104.03	41.06	174.75
ALMA ATA	43.25	76.92	33.42	151.11
ASHKHABAD	37.93	58.37	30.41	133.76
TOKYO	35.71	139.50	25.51	205.84
DAKAR	14.70	342.60	21.53	55.10
DELHI	28.63	77.22	18.89	149.37
AHMEDABAD	23.02	72.60	13.82	144.37
TAIPEI	24.95	121.23	13.66	189.98
IBADAN	7.43	3.90	10.55	75.12
BANGUI	4.60	18.60	4.89	89.03
COLOMBO	6.90	79.87	-2.99	149.54
LWIRO	-2.30	28.80	-3.89	97.65
SINGAPORE	1.30	103.80	-10.09	173.17
TSUMEB	-19.23	17.72	-18.27	83.29
BUENOS AIRES	-34.50	301.50	-23.21	9.83
JOHANNESBURG	-26.01	28.01	-26.94	91.76
TRELEW	-43.20	294.70	-31.75	3.57
BRISBANE	-27.50	153.00	-35.64	227.47
PORT STANLEY	-51.70	302.20	-40.42	9.48
USHUAIA	-54.80	291.70	-43.33	.93
PORT LOCKROY	-64.80	296.50	-53.37	4.26
KERGUELEN	-48.83	70.00	-56.85	128.53
HALLEY BAY	-75.52	333.30	-65.84	24.51
MIRNY	-66.55	93.02	-77.05	147.71

B08 ABSORPTION - METHOD A2 (RIOMETER)

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/QANAQ	77.50	290.80	88.97	3.26
THULE/CAMP TUTO	76.55	291.18	88.02	4.38
RESOLUTE BAY	75.20	265.98	83.58	238.45
GODHAVN	69.30	306.17	79.88	32.86
DANMARKSHAVN	76.77	341.37	79.34	106.33
SHEPHERD BAY	68.75	266.25	78.26	312.88
SOR STROMFJORD	67.00	310.00	77.26	36.20
KAP TOBIN	70.42	338.03	75.55	82.05
NY-ALESUND	79.00	12.00	75.39	131.60
FROBISHER BAY	63.80	291.30	75.27	1.34
CORAL HARBOUR	64.20	276.60	75.09	335.96
GODTHAB	64.19	308.27	74.74	30.27
SPITSBERGEN	78.50	15.10	74.60	131.63
ANGMAGSSALIK	65.61	322.34	74.23	53.21
HEISS IS	80.70	56.20	71.51	155.54
NARSSARSSUAQ	61.20	314.60	71.14	37.42
BEAR ISLAND	74.50	19.20	71.02	124.79
BAR I	69.60	219.80	70.29	257.38
REYKJAVIK	64.13	338.22	70.09	71.35
BARROW	71.52	203.67	68.90	241.53
CHURCHILL	58.71	265.94	68.66	323.57
TROMSO	69.70	19.00	67.07	117.10
FORT YUKON	66.57	214.75	66.73	257.31
GREAT WHALE	55.28	282.17	66.58	347.98
CAPE JONES	54.70	280.20	65.91	345.29
KEVO	69.75	26.48	65.83	122.79
UTSJOKI	69.75	27.00	65.74	123.17
TORSHAVN	62.03	353.24	65.27	85.19
KIRUNA	67.80	20.40	65.17	115.88
COLLEGE	64.86	212.15	64.72	256.98

SEPARATE DISCIPLINE LISTINGS

B08 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
IVALO	68.65	27.58	64.67	122.37
GOOSE BAY	53.33	299.50	64.61	12.54
MURMANSK	68.97	33.08	64.06	126.80
SODANKYLA	67.40	26.60	63.73	120.32
PAXSON	63.04	214.50	63.54	260.96
DIXON	73.50	80.40	62.97	161.71
MOOSONEE	51.50	279.33	62.68	344.73
LYCKSELE	64.62	18.67	62.65	111.19
COLD LAKE	54.50	249.70	62.28	305.29
SHEEP MOUNTAIN	61.32	212.50	62.05	260.26
MEANOOK	54.50	246.70	61.88	301.66
OULU	65.08	25.87	61.76	117.55
PRINCE ALBERT	53.20	254.30	61.74	311.60
FAREWELL	62.50	206.13	61.43	253.94
ANCHORAGE	61.20	210.10	61.01	258.60
AMDERMA	69.76	61.68	60.95	147.55
TIXIE BAY	71.60	128.90	60.50	191.65
WILDWOOD	60.56	208.75	60.16	257.89
VAL D OR	48.00	282.20	59.31	349.05
EDINBURGH	55.92	356.82	58.93	83.76
BAIE ST PAUL	47.38	289.45	58.85	358.59
NORILSK	69.40	88.10	58.50	165.11
UPPSALA	59.80	17.60	58.44	106.28
NURMIJARVI	60.52	24.65	57.79	112.95
KING SALMON	58.38	203.39	57.11	254.65
OTTAWA	45.40	284.30	56.79	352.00
LANCASTER	53.00	358.00	55.95	83.11
BEDFORD	42.48	288.72	53.95	357.73
MCMATH-HULBERT	42.67	276.70	53.73	342.72
PULLMAN	46.72	242.83	53.63	301.22
NEUSTRELITZ	53.28	13.08	53.22	98.01
BRUXELLES	50.50	4.20	52.35	87.96
DOURBES	50.10	4.60	51.89	88.15
UNALASKA	53.88	193.47	51.01	248.40
YAKUTSK	62.00	129.60	50.99	194.10
WASHINGTON	38.70	282.90	50.05	350.71
UPICE	50.49	16.01	50.00	99.34
ONDREJOV	49.92	14.78	49.70	97.91
WALLOPS IS	37.90	284.50	49.30	352.70
TORINO	45.05	7.75	46.44	88.97
TULSA	35.92	264.22	46.00	328.89
FLORENCE	43.81	11.20	44.56	91.85
TOLEDO	39.88	355.95	43.78	75.13
STANFORD	37.43	237.83	43.74	299.04
ALAMOGORDO	32.26	318.40	42.20	32.25
ATHENS (1)	38.00	23.60	36.51	101.76
CANARY ISLANDS	28.00	344.70	34.26	60.01
ALMA ATA	43.25	76.92	33.42	151.11
PUERTO RICO	18.50	292.80	29.96	2.49
JAMAICA	18.00	283.20	29.37	352.00
HAIFA	32.82	34.98	29.31	111.06
HIRAISO	36.37	140.63	26.27	206.76
MAUI	20.80	203.50	20.96	268.58
DELHI	28.63	77.22	18.89	149.37
AHMEDABAD	23.02	72.60	13.82	144.37
ACCRA	5.63	359.83	9.56	70.74
MANILA	14.39	120.59	3.09	189.76
TIRUCHIRAPALLI	10.80	78.70	1.01	148.79
JICAMARCA	-11.95	283.14	-.57	352.77
HUANCAYO	-12.01	284.67	-.60	354.27
SINGAPORE	1.30	103.80	-10.09	173.17
SAN JOSE	-23.32	314.14	-12.74	22.15
SAO PAULO	-23.50	313.50	-12.88	21.54
DURBAN	-29.92	30.93	-31.33	93.63
HERMANUS	-34.43	19.23	-33.39	80.99
CARNARVON	-25.00	114.00	-36.45	183.91
AUCKLAND	-37.00	175.00	-41.17	253.20
USHUAIA	-54.80	291.70	-43.33	.93
BEVERIDGE	-37.29	144.59	-46.46	220.30
MELBOURNE	-37.45	144.60	-46.61	220.35

B08 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
DUNEDIN	-45.90	170.60	-50.61	251.87
CAMPBELL IS	-52.55	169.15	-57.25	253.64
KERGUELEN	-49.40	70.30	-57.45	128.63
MACQUARIE IS	-54.50	159.00	-60.98	243.64
SANAE	-70.30	357.60	-63.71	44.50
EIGHTS	-75.23	282.84	-63.82	355.57
HALLEY BAY	-75.50	333.40	-65.83	24.58
BELGRANO	-77.97	321.20	-67.34	16.02
BAUDOUIN	-70.40	23.30	-67.89	62.90
SYOWA BASE	-69.00	39.60	-69.75	78.17
BYRD STATION	-80.02	240.47	-70.57	336.45
CAPE EVANS	-77.63	205.42	-72.48	314.33
MAWSON	-67.60	62.90	-73.17	103.54
CAPE HALLETT	-72.30	170.30	-74.60	278.55
TERRE ADELIE	-66.70	140.00	-75.60	231.50
DAVIS	-68.60	78.00	-76.82	120.66
MIRNY	-66.55	93.02	-77.05	147.71
CASEY	-66.17	110.32	-77.64	179.60
SOUTH POLE	-90.00	0.00	-78.53	0.00
MCMURDO	-77.85	166.70	-78.92	294.48
VOSTOK	-78.45	106.87	-89.27	94.25

B09 ABSORPTION - METHOD A3 (CW FIELD-STRENGTH)

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
GODHAVN	69.30	306.17	79.88	32.86
ANCHORAGE	61.20	210.10	61.01	258.60
DOGOSCHELIE	66.03	43.24	59.80	131.83
ENKOPING	59.50	17.30	58.22	105.80
HORBY	55.90	13.50	55.61	99.93
KUHLUNGSBORN	55.00	12.70	54.92	98.64
LEICESTER	52.00	359.00	54.81	83.56
NORDDEICH	53.65	7.20	54.74	92.61
SIDMOUTH	50.67	356.75	53.99	80.54
LONDON/ONTARIO	42.59	278.86	53.77	345.41
DE BILT	52.10	5.20	53.67	89.79
NEUSTRELITZ	53.28	13.08	53.22	98.01
LINDAU	51.65	10.13	52.26	94.33
ZEHLENDORF	52.20	13.25	52.17	97.59
KOLBERG	52.23	13.82	52.08	98.15
DOURBES	50.10	4.60	51.89	88.15
FORT MONMOUTH	40.40	285.90	51.83	354.29
COLLM	51.32	13.00	51.38	96.90
PANSKA VES	50.53	14.57	50.32	98.00
WASHINGTON	38.70	282.90	50.05	350.71
PRUHONICE	49.98	14.55	49.80	97.72
BOULDER	40.60	254.70	49.48	316.83
ALLOIS	47.00	2.00	49.45	84.09
ADAK	51.90	183.40	47.31	240.43
NAGYCENK	47.63	16.72	47.13	98.71
GENOVA	44.55	8.95	45.72	89.95
MONTE CARLO	43.70	7.50	45.19	88.18
BRASOV	45.60	25.50	43.48	106.12
LUBBOCK	33.60	258.10	43.01	322.35
ROME	42.03	11.83	42.73	91.80
EL ARENOSILLO	37.10	353.27	41.59	71.44
WHITE SANDS	32.30	253.50	41.14	317.47
SOFIA	42.65	23.44	41.04	103.13
PATRAS	38.23	23.81	36.69	102.03
ATHENS (1)	38.00	23.80	36.47	101.95
WAKKANAI	45.40	141.70	35.33	206.45
PUERTO RICO	18.50	292.80	29.96	2.49
AKITA	39.70	140.10	29.53	205.87
HIRAISO	36.37	140.63	26.27	206.76
TRINIDAD	10.75	298.43	22.11	8.38

SEPARATE DISCIPLINE LISTINGS

B09 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
OKINAWA	26.30	127.80	15.30	196.02
AHMEDABAD	23.02	72.60	13.82	144.37
KODAIKANAL	10.20	77.50	.54	147.56
HUANCAYO	-12.01	284.67	-.60	354.27
PRETORIA	-25.68	28.18	-26.65	92.01
BIRDLINGS FLAT	-44.00	173.00	-48.32	253.61
MAWSON	-67.60	62.90	-73.17	103.54
TERRE ADELIE	-66.40	140.01	-75.32	231.05

B10 IONOSPHERIC DRIFTS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
GODHAVN	69.30	306.17	79.88	32.86
ARCTICA II(NP-8)	*80	165	70	205
COLLEGE	64.86	212.15	64.72	256.98
MURMANSK	68.95	33.05	64.04	126.76
OTTAWA	45.40	284.10	56.78	351.75
KOOTWIJK	55.15	5.83	56.42	92.19
SHEFFIELD	53.43	358.12	56.33	83.49
JODRELL BANK	53.23	357.70	56.23	82.94
LANCASTER	53.00	358.00	55.95	83.11
ABERYSTWYTH	52.43	355.93	55.82	80.67
SWANSEA	51.63	356.00	55.05	80.29
KUHLUNGSBORN	55.00	12.70	54.92	98.64
CAMBRIDGE	52.20	.10	54.78	84.78
BRACKNELL	51.43	359.23	54.22	83.48
NEDERHORST DEN B	52.23	5.08	53.82	89.74
DE BILT	52.10	5.20	53.67	89.79
COLOGNE	50.93	6.92	52.22	90.85
COLLM	51.31	13.00	51.37	96.90
MOSCOW	55.47	37.32	50.79	120.86
GORKY	56.15	44.28	50.29	127.06
GARCHY	47.30	3.10	49.52	85.33
FREIBURG/BREISAC	48.05	7.59	49.34	90.11
TOMSK	56.47	84.93	45.88	159.95
KHARKOV	49.43	36.92	45.07	117.94
ROSTOV	47.22	39.68	42.45	119.59
IRKUTSK	52.47	104.03	41.06	174.75
SIMFEROPOL	44.40	34.00	40.74	113.51
ALMA ATA	43.25	76.92	33.42	151.11
ASHKHABAD	37.93	58.37	30.41	133.76
PUERTO RICO	18.50	292.80	29.96	2.49
JAMAICA	18.00	283.20	29.37	352.00
SRINAGAR	34.00	74.60	24.49	147.69
BARBADOS	13.12	300.40	24.41	10.56
YAMAGAWA	31.20	130.62	20.36	198.26
DELHI	28.60	77.10	18.87	149.26
ALIGARH	27.90	78.07	18.08	150.07
PARAMARIBO	5.80	304.80	16.91	14.85
TOGO	10.80	0.00	14.61	71.92
AHMEDABAD	23.02	72.60	13.82	144.37
HONG KONG	22.33	114.20	10.88	183.46
IBADAN	7.43	3.88	10.56	75.10
AURANGABAD	19.53	75.20	10.06	146.39
FORT ARCHAMBAULT	9.20	18.35	9.45	89.71
WALTAIR	17.72	83.30	7.46	153.92
DHAWAR	15.28	75.01	5.86	145.71
MADRAS	13.10	80.30	3.14	150.59
TIRUCHIRAPALLI	10.80	78.70	1.01	148.79
JICAMARCA	-11.95	283.14	-.57	352.77
TRIVANDRUM	8.48	76.95	-1.11	146.83
NAIROBI	-1.28	36.83	-4.46	105.75
SINGAPORE	1.32	103.82	-10.07	173.19
JOHANNESBURG	-26.17	28.08	-27.11	91.79
BRISBANE	-27.50	153.00	-35.64	227.47

B10 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
WOOMERA	-31.10	136.78	-41.22	210.23
ADELAIDE	-34.60	138.40	-44.53	212.67
LOWER HUTT	-41.23	174.92	-45.28	254.55
BIRDLINGS FLAT	-44.00	173.00	-48.32	253.61
HALLEY BAY	-75.52	333.30	-65.84	24.51

B11 IONOSPHERIC SCINTILLATIONS FROM SATELLITE BEACONS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/CAMP TUTO	76.40	291.30	87.87	4.87
GODHAVN	69.30	306.17	79.88	32.86
BAKER LAKE	64.30	264.00	73.79	316.06
CHURCHILL	58.80	265.80	68.73	323.32
GOOSE BAY	55.33	299.50	66.60	12.91
COLLEGE	64.86	212.15	64.72	256.98
NORTHWAY	62.97	218.05	64.18	264.32
LYCKSELE	64.62	18.67	62.65	111.19
MOOSE RIVER	51.00	279.00	62.16	344.37
OULU	65.08	25.87	61.76	117.55
HOUGATON	47.00	271.00	57.63	334.80
LANCASTER	53.00	358.00	55.95	83.11
ABERYSTWYTH	52.43	355.93	55.82	80.67
COPENHAGEN	55.85	12.45	55.76	98.92
LONDON/ONTARIO	42.59	278.86	53.77	345.41
HAMILTON	42.25	289.00	53.72	358.09
MADISON	43.00	271.00	53.66	335.64
LINDAU	51.65	10.13	52.26	94.33
URBANA	40.00	272.00	50.75	337.37
DANVILLE	40.00	272.00	50.75	337.37
FREIBURG/BREISAC	48.10	7.60	49.39	90.14
ADAK	51.90	183.40	47.31	240.43
GRAZ	47.10	15.50	46.87	97.33
HAIFA	32.87	35.09	29.33	111.17
TAIPEI	25.00	121.20	13.71	189.95
WAKE ISLAND	20.00	166.00	13.25	232.69
CALCUTTA	23.00	88.60	12.30	159.40
ACCRA	5.63	359.83	9.56	70.74
LIMA	-11.77	282.83	-.40	352.46
NAIROBI	-1.28	36.83	-4.46	105.75
AUCKLAND	-37.00	175.00	-41.17	253.20
WELLINGTON	-41.20	175.00	-45.24	254.62
LAUDER	-45.05	169.67	-49.97	250.53
INVERCARGILL	-46.40	168.30	-51.52	249.65
CAMPBELL IS	-52.60	169.20	-57.28	253.72
BYRD STATION	-80.00	240.00	-70.59	336.21
SCOTT BASE	-77.90	166.80	-78.93	294.76

B12 IONOSPHERIC BACK- AND FORWARD-SCATTER

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
SDR STROMFJORD	67.00	310.00	77.26	36.20
NARSSARSSUAQ	61.20	314.60	71.14	37.42
BARROW	71.52	203.67	65.90	241.53
KNOB LAKE	54.80	293.18	66.26	3.80
COLLEGE	64.85	212.17	64.71	257.01
MEANOOK	54.62	246.67	61.89	301.62
ANCHORAGE	61.17	210.08	60.98	258.61
HOMER	59.73	208.49	59.35	258.30
BORLANGE	60.29	15.25	59.35	104.55
ANNETTE IS	55.25	228.29	59.10	280.86

SEPARATE DISCIPLINE LISTINGS

B12 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
UPPSALA	59.80	17.60	58.44	106.28
ALSBJERG	56.68	9.10	57.20	96.31
KUHLUNGSBORN	55.00	12.70	54.92	98.64
PLUM IS	43.00	289.00	54.47	358.07
MILLSTONE HILL	42.60	288.50	54.06	357.45
PULLMAN	46.72	242.83	53.63	301.22
CEDAR RAPIDS	41.87	269.68	52.42	334.24
LINDAU	51.65	10.13	52.26	94.33
FORT MONMOUTH	40.25	285.98	51.68	354.40
YAKUTSK	62.00	129.60	50.99	194.10
BOULDER	40.03	254.70	48.92	316.99
STANFORD	37.43	237.83	43.74	299.04
ROME	42.03	11.83	42.73	91.80
PUERTO RICO	18.50	292.80	29.96	2.49
TOKYO	35.70	139.48	25.50	205.82
PANAMA	9.40	280.10	20.67	349.00
OKINAWA	26.50	128.00	15.52	196.19
TRUJILLO	-8.10	280.25	3.19	349.81
HUANCAYO	-12.05	284.67	-.64	354.27
NAIROBI	-1.30	36.80	-4.47	105.71
AREQUIPA	-16.73	288.13	-5.27	357.69
ANTOFAGASTA	-23.62	289.72	-12.15	359.24
SAO PAULO	-23.50	313.50	-12.88	21.54
TSUMEB	-19.23	17.72	-18.27	83.29
TOWNSVILLE	-19.30	146.70	-28.39	219.28
DURBAN	-29.92	30.93	-31.33	93.63
CAMDEN	-34.00	150.40	-42.42	226.05

B13 WHISTLERS AND VLF EMISSIONS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
NORD	81.67	343.33	80.79	133.88
GODHAVN	69.30	306.50	79.85	33.49
FROBISHER BAY	63.75	291.43	75.22	1.56
SPITSBERGEN	78.50	15.00	74.62	131.58
NARSSARSSUAQ	61.20	314.60	71.14	37.42
BEAR ISLAND	74.50	19.20	71.02	124.79
TROMSO	69.70	19.00	67.07	117.10
GREAT WHALE	55.28	282.17	66.58	347.98
KNOB LAKE	54.80	293.18	56.26	3.80
COLLEGE	64.85	212.17	64.71	257.01
KOTZEBUE	66.88	197.40	63.77	242.52
SODANKYLA	67.40	26.60	63.73	120.32
OULU	65.08	25.87	61.76	117.55
MOISIE	50.18	293.90	61.63	4.54
FAREWELL	62.50	206.13	61.43	253.94
ANCHORAGE	61.17	210.08	60.98	258.61
SOUTH UIST	57.20	352.86	60.90	80.61
SASKATOON	52.10	253.40	60.54	311.06
WETASKIWIN	52.97	246.55	60.29	302.45
MONT JOLI	48.60	291.80	60.07	1.68
LEVEL IS	56.46	226.99	59.98	278.68
ROBERVAL	48.31	287.87	59.77	356.49
SAVOONGA	63.58	189.52	59.40	239.10
SUFFIELD	50.22	248.83	58.01	306.53
OTTAWA	45.40	284.10	56.78	351.75
GLASGOW,MONT	48.12	253.62	56.70	313.09
SHEFFIELD	53.43	358.12	56.33	83.49
SOGRA	62.80	46.25	56.32	132.04
HALIFAX	44.62	296.50	56.01	7.61
ABERYSTWYTH	52.43	355.93	55.82	80.67
SALTHOLM	55.62	12.80	55.48	99.11
HAMBURGER HALLIG	54.60	8.83	55.31	94.74
HANOVER	43.70	287.70	55.16	356.42
NORWICH	43.70	287.67	55.15	356.38

B13 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
LEICESTER	52.00	359.00	54.81	83.56
CAMBRIDGE	52.22	.10	54.80	84.79
ROCHESTER	43.30	282.70	54.64	350.14
KUHLUNGSBORN	54.12	11.77	54.27	97.25
LONDON	51.50	359.90	54.15	84.19
CHILBOLTON	51.14	358.17	54.15	82.24
SIDMOUTH	50.67	356.75	53.99	80.54
SEATTLE	47.75	237.58	53.71	294.96
BATTLE CREEK	42.30	274.80	53.24	340.42
NEUSTRELITZ	53.28	13.08	53.22	98.01
UNALASKA	53.88	193.47	51.01	248.40
MOSCOW	55.47	37.32	50.79	120.86
WASHINGTON	38.67	282.98	50.02	350.81
PRUHONICE	49.99	14.55	49.81	97.72
LOGAN	41.67	248.33	49.61	309.26
FREIBURG/BREISAC	48.10	7.50	49.41	90.04
POITIERS	46.60	.30	49.40	82.20
BOULDER	40.03	254.70	48.92	316.99
KAMENICE	48.90	22.00	47.32	104.21
ADAK	51.90	183.40	47.31	240.43
TORINO	45.05	7.75	46.44	88.97
TIHANY	46.90	17.90	46.20	99.52
GENOVA	44.60	9.00	45.76	90.02
ROBURENT	44.30	7.88	45.70	88.80
BERMUDA	32.37	295.33	43.80	5.62
STANFORD	37.43	237.83	43.74	299.04
SOFIA	42.67	23.30	41.08	103.01
MISENO	40.80	15.10	40.89	94.53
GAINESVILLE	29.60	277.70	40.75	345.24
WAKKANAI	45.40	141.70	35.33	206.45
MOSHIRI	44.37	142.27	34.36	207.10
ARECIBO	18.50	293.17	29.96	2.89
SUGADAIRA	36.51	138.35	26.21	204.72
KASHIMA	35.95	140.65	25.85	206.83
KASUGAI	35.27	137.01	24.87	203.66
TOYOKAWA	34.83	137.37	24.46	204.03
SAKU-SHIMA	34.72	137.03	24.32	203.73
KAGOSHIMA	31.25	131.07	20.44	198.67
AHMEDABAD	23.02	72.60	13.82	144.37
SAO PAULO	-23.50	313.50	-12.88	21.54
TUCUMAN	-26.90	294.60	-15.45	3.77
DURBAN	-29.92	30.93	-31.33	93.63
HERMANUS	-34.43	19.23	-33.39	80.99
BRISBANE	-27.30	153.00	-35.44	227.43
ADELAIDE	-34.60	138.40	-44.53	212.67
WELLINGTON	-41.23	174.92	-45.28	254.55
LAUDER	-45.05	169.67	-49.97	250.53
DUNEDIN	-45.90	170.60	-50.61	251.87
HOBART	-42.50	147.20	-51.23	224.69
ARGENTINE IS	-65.25	295.73	-53.81	3.68
CAMPBELL IS	-52.50	169.20	-57.28	253.72
KERGUELEN	-49.30	70.50	-57.38	128.91
MACQUARIE IS	-54.50	158.90	-61.00	243.53
SANAE	-70.30	357.65	-63.71	44.53
SIPLE	-76.00	276.00	-64.73	351.83
HALLEY BAY	-75.50	333.40	-65.83	24.58
ELLSWORTH	-77.72	318.83	-66.98	14.94
BELGRANO	-77.97	321.20	-67.34	16.02
BYRD STATION	-79.98	239.98	-70.58	336.17
DAVIS	-68.60	78.00	-75.82	120.66
SCOTT BASE	-77.90	166.80	-78.93	294.76

SEPARATE DISCIPLINE LISTINGS

B14 ATMOSPHERIC RADIO NOISE

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/CAMP TUTO	76.60	291.30	88.07	5.30
MURMANSK	68.97	33.08	64.06	126.80
ENKOPING	59.50	17.30	58.22	105.80
STAR HILL	43.34	284.75	54.74	352.71
KUHLUNGSBORN	54.12	11.77	54.27	97.25
SLOUGH	51.48	359.43	54.23	83.70
TATSFIELD	51.28	.01	53.92	84.18
BREST	48.45	355.58	52.10	78.23
BILL	43.20	254.80	52.05	316.19
TRAPPES	48.77	2.01	51.14	84.92
BAGNEUX	48.80	2.30	51.11	85.22
MOSCOW	55.47	37.32	50.79	120.86
PANSKA VES	50.52	14.57	50.31	98.00
FRONT ROYAL	38.80	281.80	50.11	349.37
UPICE	50.49	16.01	50.00	99.34
PRUHONICE	49.94	14.55	49.77	97.70
ONDREJOV	49.92	14.78	49.70	97.91
WARRENSBURG	38.77	266.27	49.03	330.75
BOULDER	40.10	254.90	49.02	317.20
VSETIN	49.21	17.59	48.47	100.23
SVERDLOVSK	56.73	61.07	48.46	141.05
KIEV	50.45	30.50	47.20	112.63
SIMFEROPOL	44.83	34.07	41.14	113.72
SOFIA	42.67	23.30	41.08	103.01
IRKUTSK	52.47	104.03	41.06	174.75
GILA BEND	32.87	247.29	40.81	310.52
RABAT	33.90	353.90	38.36	71.13
KHABAROVSK	48.52	135.12	37.91	200.45
TBILISI	41.72	44.82	36.24	122.49
ALMA ATA	43.25	76.92	33.42	151.11
NICOSIA	35.17	33.28	31.91	110.08
ASHKHABAD	37.77	58.37	30.25	133.72
KOMURO	35.98	139.60	25.79	205.89
YOKOSHIBA	35.63	140.50	25.52	206.74
OHIRA	35.60	140.50	25.49	206.74
TOTTORI	35.53	134.22	24.92	201.13
TOYOKAWA	34.83	137.37	24.46	204.03
KEKAHA	22.00	200.30	21.49	265.18
PANAMA	9.00	280.50	20.29	349.43
DELHI	28.80	77.30	19.05	149.47
ZARIA	11.85	7.65	14.16	79.73
TAIPEI	24.95	121.23	13.66	189.98
MACAU	22.20	113.55	10.74	182.85
IBADAN	7.43	3.90	10.55	75.12
ACCRA	5.63	359.83	9.56	70.74
BANGUI	4.36	18.58	4.66	88.96
FANNING	3.92	200.62	3.86	269.31
BANGKOK	13.55	100.90	2.23	170.63
SINGAPORE	1.30	103.80	-10.09	173.17
HOLLANDIA	-2.50	140.80	-12.38	211.04
SAN JOSE	-23.22	314.15	-12.65	22.17
DARWIN	-12.28	130.50	-23.02	201.26
COONAWARRA	-12.40	130.90	-23.11	201.69
PRETORIA	-25.80	28.30	-26.79	92.10
CLONCURRY	-20.70	140.50	-30.50	212.84
PORT STANLEY	-51.70	302.15	-40.42	9.44
COOK	-30.60	130.40	-41.29	202.92
PEARCE	-31.70	116.00	-43.11	186.38
USHUAIA	-54.80	291.70	-43.33	.93
ROCK BANK	-37.70	144.60	-46.86	220.41
ELTANIN SHIP	COORDINATES VARIABLE			
KERGUELEN	-49.30	70.50	-57.38	128.91
BYRD STATION	-80.00	240.00	-70.59	336.21

B15 PARTIAL REFLECTION DATA

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
TROMSO	69.70	19.00	67.07	117.10
SODANKYLA	67.40	26.60	63.73	120.32
SASKATOON	52.10	253.40	60.54	311.06
UPPSALA	59.80	17.60	58.44	106.28
LINDAU	51.65	10.13	52.26	94.33
AHMEDABAD	23.02	72.60	13.82	144.37

C01 H-α FLARES

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
HERSTMONCEUX	50.90	.33
TORTOSA	40.82	.50
MEUDON	48.48	2.14
DOURBES	50.80	4.35
NEDERHORST DEN B	52.23	5.08
UTRECHT	52.08	5.13
HAUTE PROVENCE	43.93	5.72
SCHAUINSLAND	47.92	7.75
LOCARNO	46.10	8.48
ZURICH	47.38	8.57
AROSA	46.78	9.68
ARCETRI	43.75	11.25
WENDELSTEIN	47.70	12.00
ROME	41.90	12.52
KANZELHOHE	46.68	13.90
CAPRI F	40.55	14.22
CAPRI S	40.55	14.22
ONDREJOV	49.92	14.78
CATANIA	37.50	15.08
UPICE	50.49	16.01
WROCLAW	51.10	17.08
HURBANOVO	47.87	18.18
SALTSJOBADEN	59.17	18.18
CAPE TOWN	-33.93	18.40
DEBRECEN	47.56	21.62
THESSALONIKA	40.95	23.00
ATHENS (1)	37.97	23.72
LVOV	49.82	24.02
BUCHAREST	44.41	26.10
ISTANBUL	41.02	28.97
KANDILLI	41.07	29.07
KIEV	50.45	30.50
SIMFEROPOL	44.40	33.98
TEL AVIV	32.10	34.50
KHARKOV	49.43	36.92
MOSCOW	55.47	37.32
MOSCOW UNIVERSIT	55.47	37.32
ABASTUMANI	41.75	42.83
BAKOU	40.80	48.60
TEHRAN	35.70	51.40
TASHKENT	41.33	69.30
ALMA ATA	43.25	76.92
KODAIKANAL	10.20	77.50
HYDERABAD	17.43	78.45
IRKUTSK	52.47	104.03
CARNARVON	-25.00	114.00
MANILA	14.39	120.59
USSURISK	43.00	132.00
IKOMASAN	34.68	135.68
TOKYO	35.67	139.55
CULGOORA	-30.32	149.57
SYDNEY/FLEURS	-33.87	150.77
WELLINGTON	-41.23	174.92
HONOLULU	21.30	201.90
HALEAKALA	20.75	203.70

SEPARATE DISCIPLINE LISTINGS

C01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
PALEHUA	20.71	203.70
LOCKHEED	33.93	241.62
MT WILSON	34.14	241.97
BIG BEAR	34.16	243.49
CLIMAX	39.37	253.82
SACRAMENTO PEAK	32.72	254.25
BOULDER	40.00	254.70
TONANZINTLA	19.03	261.70
HOUSTON	30.00	265.00
MCMATH-HULBERT	42.67	276.70
WASHINGTON	38.67	282.98
HUANCAYO	-12.05	284.67
OTTAWA	45.40	286.42
PUERTO RICO	18.12	293.85
BUENOS AIRES	-34.55	301.30
CANARY ISLANDS	28.00	344.70
DUNSINK	53.38	353.67
EDINBURGH	55.92	356.82

C02 SOLAR MAGNETIC FIELD IN ACTIVE REGIONS AND THEIR SHORT-TERM CHANGES

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
ONDREJOV	49.92	14.78
PULKOVO	59.77	30.32
CULGOORA	-30.32	149.57
CALTECH	34.00	242.00
BIG BEAR	34.16	243.49
TUCSON	31.96	248.40
SACRAMENTO PEAK	32.72	254.25

C03 SOLAR RADIO EVENTS, FIXED FREQUENCY

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
CAMBRIDGE	52.17	.03
NANCAY	44.40	2.20
NEDERHORST DEN B	52.23	5.08
DOURBES	50.18	5.25
DWINGELOO	52.50	6.21
BERNE	46.39	6.44
BONN	50.74	7.10
WEISSENAU	47.80	9.50
HARESTUA	60.00	10.00
KIEL	54.30	10.10
ARCETRI	43.75	11.25
ONSALA	57.40	11.92
ROME	41.90	12.52
POTSDAM	52.55	13.07
NEUSTRELITZ	53.28	13.08
BERLIN-ADLERSHOF	52.43	13.53
TRIESTE	45.65	13.75
ONDREJOV	49.92	14.78
UPICE	50.49	16.01
TORUN	53.08	18.55
KRAKOW	50.05	19.58
ATHENS (1)	38.00	23.81
RIGA	56.95	24.07
GRAHAMSTOWN	-33.30	26.50
LWIRO	-2.25	28.60
PULKOVO	59.77	30.32
KIEV	50.45	30.50

C03 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
GIZA	30.03	31.22
SIMFEROPOL	44.40	33.98
MOSCOW	55.47	37.32
KISLOVODSK	43.55	42.44
ABASTUMANI	41.75	42.83
BJURAKAN	40.35	44.28
GORKY	56.10	44.30
PIRKULI	40.80	48.60
AHMEDABAD	23.02	72.60
KODAIKANAL	10.20	77.50
HYDERABAD	17.43	78.45
IRKUTSK	52.47	104.03
MACAU	22.20	113.55
CARNARVON	-25.00	114.00
MANILA	14.39	120.59
USSURISK	43.00	132.00
KASUGAI	35.27	137.01
TOYOKAWA	34.83	137.37
TOKYO	35.67	139.55
HOLLANDIA	-2.50	140.50
HIRAISO	36.37	140.63
CULGOORA	-30.32	149.57
SYDNEY/FLEURS	-33.87	150.77
HONOLULU	21.30	201.90
HALEAKALA	20.75	203.70
PALEHUA	20.71	203.70
SEATTLE	47.75	237.58
PENTICTON	49.30	240.40
SAN FERNANDO OBS	34.05	241.51
PULLMAN	46.72	242.83
SACRAMENTO PEAK	32.72	254.25
BOULDER	40.03	254.70
HOUSTON	30.00	265.00
MCMATH-HULBERT	42.67	276.70
TORONTO	43.90	280.60
PENN STATE U	41.00	282.00
GRAFTON	42.78	282.55
WASHINGTON	38.67	282.98
ITHACA	42.45	283.48
HUANCAYO	-12.05	284.67
OTTAWA	45.40	286.42
HAMILTON	42.25	289.00
SAGAMORE HILL	42.38	289.11
BUENOS AIRES	-34.55	301.30
PARAMARIBO	5.80	304.80
SAO PAULO	-22.55	313.37
CANARY ISLANDS	28.00	344.70
JODRELL BANK	53.23	357.70
SLOUGH	51.48	359.43
BORDEAUX	44.85	359.70

C04 SOLAR RADIO SPECTROGRAMS OF EVENTS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
NEDERHORST DEN B	52.23	5.08
DWINGELOO	52.50	6.21
ZURICH	47.38	8.57
WEISSENAU	47.80	9.50
KIEL	54.30	10.10
ONDREJOV	49.92	14.78
AHMEDABAD	23.02	72.60
MANILA	14.39	120.59
CULGOORA	-30.32	149.57
SYDNEY/FLEURS	-33.87	150.77
BIG PINE	37.50	241.90

C04 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
CLARK LAKE	33.20	243.60
BOULDER	40.03	254.70
FORT DAVIS	30.63	256.48
ANN ARBOR	42.24	276.27
SAGAMORE HILL	42.38	289.11
VILLA ELISA	-34.00	302.00

C05 SOLAR X-RAY OBSERVATIONS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
BOULDER	40.03	254.70
ABERDEEN (US)	45.50	261.50
WASHINGTON	38.67	282.98

C06 SUDDEN IONOSPHERIC DISTURBANCES - GROUND-BASED OBSERVATIONS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
TATSFIELD	51.18	.02
BRENTWOOD	51.63	.30
HERSTMONCEUX	50.90	.33
POITIERS	46.57	.35
TORTOSA	40.82	.50
DOURBES	50.80	4.35
NEDERHORST DEN B	52.23	5.08
FREIBURG/BREISAC	48.10	7.60
SYLT	54.40	8.20
DARMSTADT	49.51	8.41
LINDAU	51.65	10.13
ARCETRI	43.75	11.25
KUHLUNGSBORN	54.09	11.43
ROME	41.90	12.52
NEUSTRELITZ	53.28	13.08
PANSKA VES	50.53	14.57
ONDREJOV	49.92	14.78
UPICE	50.49	16.01
ENKOPING	59.50	17.30
STOCKHOLM	59.15	18.05
HURBANOVO	47.87	18.18
SOFIA	42.65	23.44
ATHENS (1)	38.00	23.81
PATRAS	38.23	23.81
GRAHAMSTOWN	-33.30	26.53
JOHANNESBURG	26.10	28.10
PRETORIA	-25.68	28.18
DURBAN	-29.92	30.93
ADDIS ABABA	9.03	38.77
DEBRE ZEIT	8.75	38.96
KERGUELEN	-49.40	70.30
DELHI	28.60	77.10
KODAIKANAL	10.20	77.50
SINGAPORE	1.30	103.80
HONG KONG	22.33	114.20
MANILA	14.39	121.59
OKINAWA	26.50	128.00
WOOMERA	-31.10	136.78
KASUGAI	35.27	137.01
TOYOKAWA	34.83	137.37
YAP ISLAND	9.32	138.10
TOKYO	35.75	139.61
HOLLANDIA	-2.50	140.50

C06 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
HIRAISO	36.37	140.63
INUBC	35.70	140.85
HOKKAIDO	44.00	143.00
HOBART	-42.83	147.55
CANBERRA	-35.20	149.10
MARCUS	24.17	153.59
GESASHI	24.28	153.98
CHRISTCHURCH	-43.60	172.80
ATTU	52.83	173.11
KURE	28.22	178.25
ADAK	51.90	183.40
FORESTPORT	43.00	186.00
PORT CLARENCE	65.15	193.47
KAUAI	22.07	200.23
HONOLULU	21.30	201.93
PYRAMID ROCK	21.00	203.00
MAUI	20.80	203.50
SITKINAK	56.58	205.83
ANCHORAGE	61.17	210.08
OAKLAND	37.78	237.80
SUNNYVALE	37.00	238.00
YAKIMA	47.00	240.00
BERVERLY HILLS	34.15	241.42
SAN FERNANDO OBS	34.05	241.51
LOCKHEED	33.93	241.62
CHINA LAKE	35.50	242.20
NELC	33.00	243.00
MISSOULA	47.00	246.00
GLEN ELLYN	41.00	250.00
WHITE SANDS	32.40	253.13
SACRAMENTO PEAK	32.72	254.25
BOULDER	40.03	254.70
LITTLETON	39.37	254.99
ST JOSEPH	39.80	265.00
NEW ORLEANS	29.00	270.00
OSHKOSH	44.01	271.67
LOUISVILLE	38.16	274.55
MAYFIELD VILLAGE	39.30	275.77
MCMATH-HULBERT	42.67	276.70
WORTHINGTON	40.05	276.89
COLUMBUS	39.63	277.00
POWELL	40.06	277.00
ORMOND BEACH	29.17	278.98
PITTSBURG	40.50	279.78
JUPITER	27.02	279.88
PLEASANT UNITY	41.00	280.00
LATROBE	40.30	280.77
PAEONIAN SPGS	38.00	282.00
GRAFTON	42.78	282.55
DERWOOD	39.12	282.85
WASHINGTON	38.67	282.98
CORNELL	42.00	283.00
GREENBELT	39.03	283.17
HUANCAYO	-12.05	284.67
RAMSEY	41.05	285.85
FORT MONMOUTH	40.40	285.90
POMPTON PLAINS	41.00	286.00
BLAUVELT	41.07	286.03
WEST NYACK	41.08	286.07
VALLEY COTTAGE	40.67	286.22
BENNINGTON	42.80	286.80
BROOKLYN PK	40.00	287.00
HADDAM	41.47	287.50
AREQUIPA	-16.73	288.13
WELLESLEY	42.28	288.70
LEXINGTON	42.27	288.86
SCITUATE	42.12	289.56
NANTUCKET ISLAND	41.27	289.90
PUERTO RICO	18.12	293.85
TRINIDAD	10.75	298.43

C06 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST
BARBADOS	13.12	300.40
PARAMARIBO	5.80	304.80
CAPE RACE	46.67	306.83
SAO PAULO	-22.55	313.37
NATAL	-5.47	324.87
RABAT	33.90	353.20
DUNSINK	53.39	353.67
SAN FERNANDO	36.47	353.80
EDINBURGH	55.92	356.82
SOMERTON	51.05	357.27
PRESTON	53.77	357.30
SANAE	-70.30	357.65
BEARLEY	52.00	358.00
LEICESTER	52.00	359.00
SLOUGH	51.48	359.43

C08 SOLAR PROTONS - RIOMETER

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/CAMP TUTO	76.55	291.18	88.02	4.38
RESOLUTE BAY	75.20	265.98	83.58	288.45
GODHAVN	69.30	306.17	79.88	32.86
DANMARKSHAVN	76.77	341.37	79.34	106.33
SDR STROMFJORD	67.02	309.28	77.36	35.01
KAP TOBIN	70.42	338.02	75.56	82.04
NY-ALESUND	78.92	11.95	75.34	131.33
FROBISHER BAY	63.80	291.30	75.27	1.34
CORAL HARBOUR	64.20	276.60	75.09	335.96
GODTHAB	64.19	308.27	74.74	30.27
ANGMAGSSALIK	65.61	322.34	74.23	53.21
HEISS IS	80.62	58.05	71.29	156.23
BAR I	69.60	219.80	70.29	257.38
LEIRVOGUR	64.18	338.30	70.12	71.51
REYKJAVIK	64.13	338.22	70.09	71.35
BARROW	71.52	203.67	68.90	241.53
CHURCHILL	58.71	265.94	68.56	323.57
FORT YUKON	66.57	214.75	66.73	257.31
GREAT WHALE	55.28	282.17	66.58	347.98
CAPE JONES	54.70	280.20	65.91	345.29
TORSHAVN	62.03	353.24	65.27	85.19
KIRUNA	67.80	20.40	65.17	115.88
COLLEGE	64.86	212.15	64.72	256.98
HERMANUS	-34.42	19.23	-33.38	80.99
HALLEY BAY	-75.50	333.40	-65.83	24.58
SYOWA BASE	-69.00	39.60	-69.75	78.17
BYRD STATION	-80.02	240.47	-70.57	336.45
CAPE HALLETT	-72.30	170.30	-74.60	278.55
SOUTH POLE	-90.00	0.00	-78.53	0.00
MCMURDO	-77.85	166.70	-78.92	294.48
VOSTOK	-78.28	106.50	-89.15	105.00

C09 SOLAR PROTONS - IONOSPHERIC VERTICAL INCIDENCE SOUNDINGS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/QANAQ	77.50	290.80	88.97	3.26
THULE/CAMP TUTO	76.40	291.30	87.87	4.87
EUREKA	80.00	274.10	86.62	236.39
ALERT	82.60	297.40	85.78	167.91
RESOLUTE BAY	74.70	265.10	83.07	290.20
CLYDE	70.50	291.40	81.97	2.08
GODHAVN	69.30	306.50	79.85	33.49

SEPARATE DISCIPLINE LISTINGS

C09 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
ARCTICA II(NP-7)	*86	296	82	177
FLETCHERS ICE	*75	235	78	254
ARCTICA I (NP-6)	*82	9	77	143
BAKER LAKE	64.30	264.00	73.79	316.06
ARCTICA (NP-13)	*81	165	71	204
HEISS IS	80.60	58.00	71.28	156.18
NARSSARSSUAQ	61.20	314.60	71.14	37.42
ARCTICA II(NP-8)	*80	165	70	205
REYKJAVIK	64.10	338.20	70.07	71.29
ARCTICA (NP-11)	*79	165	70	207
FORT CHIMO	58.10	291.60	69.57	1.62
FORT NORMAN	64.90	234.50	69.17	278.44
ARCTICA (NP-10)	*78	165	69	208
YELLOWKNIFE	62.40	245.60	69.02	293.93
CHURCHILL	58.80	265.80	68.73	323.32
BARROW	71.30	203.20	68.53	241.52
TROMSO	69.70	19.00	67.07	117.10
KIRUNA	67.80	20.40	65.17	115.88
COLLEGE	64.90	212.20	64.76	256.98
HALLEY BAY	-75.50	333.40	-65.83	24.58
ELLSWORTH	-77.70	318.90	-66.96	14.99
SYOWA BASE	-69.00	39.60	-69.75	78.17
BYRD STATION	-80.00	240.00	-70.59	336.21
MAWSON	-67.60	62.90	-73.17	103.54
LITTLE AMERICA	-78.20	197.80	-74.00	312.19
CAPE HALLETT	-72.30	170.20	-74.61	278.46
TERRE ADELIE	-66.67	140.02	-75.57	231.48
MIRNY	-66.50	93.00	-77.00	147.73
CASEY	-66.17	110.32	-77.64	179.60
WILKES	-66.90	110.50	-78.37	179.94
SOUTH POLE	-90.00	0.00	-78.53	0.00
SCOTT BASE	-77.80	166.80	-78.88	294.31
VOSTOK	-78.40	106.90	-89.26	98.17

C10 SOLAR PROTONS AND ELECTRONS-
VHF FORWARD SCATTER

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
FROBISHER BAY	63.80	291.40	75.27	1.51
BARROW	71.30	203.20	68.53	241.52
GREAT WHALE	55.28	282.17	66.58	347.98
COLLEGE	64.90	212.20	64.76	256.98
ANCHORAGE	61.17	210.08	60.98	258.61
ANNETTE IS	55.25	228.29	59.10	280.86
BYRD STATION	-80.00	240.00	-70.59	336.21
SOUTH POLE	-90.00	0.00	-78.53	0.00
MCMURDO	-77.85	166.70	-78.92	294.48
VOSTOK	-78.40	106.90	-89.26	98.17

D01 STANDARD AND RAPID RUN MEASUREMENTS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/QANAQ	77.48	290.83	88.95	3.56
THULE/CAMP TUTO	76.55	291.17	88.02	4.31
ALERT	82.50	297.50	85.87	167.29
RESOLUTE BAY	74.70	265.10	83.07	290.20
ARCTICA II(NP-7)	*85	268	82	191
GODHAVN	69.23	306.48	79.78	33.33
MOULD BAY	76.30	240.60	79.25	256.41
PELLY BAY	68.53	270.49	78.64	320.45
SHEPHERD BAY	68.75	266.25	78.26	312.88
ARCTICA I (NP-6)	*83	9	78	148

D01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
SDR STROMFJORD	67.02	309.28	77.36	35.01
CAMBRIDGE BAY	69.10	255.00	76.73	295.46
ARCTIC ICE FLO	*83	193	76	207
SUKKERTOPPEN	65.42	307.10	76.05	29.48
KAP TOBIN	70.32	338.03	75.47	81.82
NY-ALESUND	78.92	11.95	75.34	131.33
MURCHISON BAY	80.05	18.25	75.16	137.61
SPITSBERGEN	78.50	15.10	74.60	131.63
BARENTSBURG	78.63	16.38	74.50	132.63
BAKER LAKE	64.33	263.97	73.81	315.98
RANKIN INLET	62.80	267.67	72.83	323.03
ARCTICA (NP-12)	*79	187	72	217
HEISS IS	80.62	58.05	71.29	156.23
ARCTICA II(NP-8)	*77	188	71	221
NARSSARSSUAQ	61.20	314.60	71.14	37.42
BEAR ISLAND	74.50	19.20	71.02	124.79
ESKIMO POINT	61.10	265.93	70.97	321.89
JULIANEHAAB	60.72	313.97	70.75	36.15
LEIRVOGUR	64.18	338.30	70.12	71.51
BARTER ISLAND	70.13	216.33	70.07	253.58
YELLOWKNIFE	62.43	245.60	69.05	293.89
CHURCHILL	58.80	265.90	68.74	323.46
BARROW	71.30	203.25	68.64	241.55
LAZAREV	69.97	12.90	68.40	112.74
ARCTICA (NP-10)	*76	166	68	210
HERCHMER	57.40	265.90	67.37	324.29
TROMSO	69.67	18.95	67.05	117.02
GILLAM	56.85	265.58	66.80	324.16
FORT YUKON	66.57	214.70	66.72	257.27
GREAT WHALE	55.27	282.22	66.57	348.05
CAPE CHELYUSKIN	77.72	104.28	65.28	176.70
ABISKO	68.36	18.82	65.34	115.28
KIRUNA	67.83	20.42	65.19	115.93
FORT SMITH	58.00	246.00	64.99	298.47
COLLEGE	64.87	212.17	64.73	256.99
EIELSON AFB	64.67	212.92	64.70	257.87
THOMPSON	55.00	263.00	64.68	321.69
IVALO	68.60	27.48	64.64	122.24
MELVILLE AFB	53.28	299.47	64.56	12.49
BIG DELTA	64.00	214.27	64.36	259.79
FORT MCMURRAY	56.70	248.60	64.20	302.54
NORTHWAY	62.97	218.05	64.18	264.32
KOTZEBUE	66.88	197.40	63.77	242.52
SODANKYLA	67.37	26.63	63.69	120.31
HEALY	63.85	211.03	63.60	257.03
NORWAY HOUSE	53.98	262.17	63.58	321.11
MURMANSK	68.25	33.08	63.41	126.09
DIXON	73.55	80.57	63.01	161.84
LOVOZERO	67.97	35.02	62.85	127.27
APATITY	67.55	33.33	62.74	125.61
LERWICK	60.13	358.82	62.43	89.00
DOMBAS	62.07	9.12	62.17	100.48
MEANOOK	54.62	246.67	61.89	301.62
CAPE WELLEN	66.17	190.17	61.89	237.51
ANCHORAGE	61.20	210.10	61.01	258.60
SOUTH UIST	57.20	352.86	60.90	80.61
SASKATOON	52.10	253.40	60.54	311.06
TIXIE BAY	71.58	129.00	60.48	191.72
GIRARDVILLE	49.00	287.40	60.45	355.84
KEM	65.00	34.40	60.23	124.27
SITKA	57.07	224.67	60.09	275.86
WINNIPEG	49.63	262.87	59.40	323.79

SEPARATE DISCIPLINE LISTINGS

D01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
UPPSALA	59.80	17.60	58.44	106.28
ST JOHNS	47.60	307.30	58.44	21.82
LORING AFB	46.95	292.12	58.42	2.07
ESKDALEMJIR	55.32	356.80	58.37	83.34
LOVO	59.35	17.83	57.98	106.16
NURMIJARVI	60.52	24.65	57.79	112.95
STONYHURST	53.85	357.53	56.84	83.14
OTTAWA	45.40	284.40	56.79	352.13
VALENTIA	51.93	349.75	56.54	73.92
LENINGRAD	59.95	30.70	56.17	117.70
ABERYSTWYTH	52.43	355.93	55.82	80.67
COPENHAGEN	55.85	12.45	55.76	98.92
NEWPORT	48.26	243.01	55.15	300.76
AGINCOURT	43.78	280.73	55.04	347.62
EAST ANGLIA	52.63	1.30	54.95	86.22
DURHAM	43.10	289.17	54.57	358.29
HARTLAND	50.98	355.52	54.52	79.44
WINGST	53.75	9.07	54.46	94.47
WARNKENHAGEN	54.00	11.07	54.30	96.52
VICTORIA	48.52	236.58	54.27	293.51
CHILBOLTON	51.14	358.17	54.15	82.24
WITTEVEEN	52.82	6.67	54.06	91.62
SIDMOUTH	50.67	356.75	53.99	80.54
WESTON	42.38	288.68	53.85	357.68
MCMATH-HULBERT	42.67	276.70	53.73	342.72
HEL	54.60	18.82	53.35	104.08
SREDNIKAN	62.43	152.32	53.14	210.94
BOROK	58.03	38.97	52.95	123.53
GOTTINGEN	51.53	9.97	52.18	94.11
NIEMEGK	52.07	12.68	52.16	96.99
DOURBES	50.10	4.60	51.89	88.15
MANHAY	50.30	5.69	51.87	89.31
CASPER	42.85	253.70	51.56	315.02
MINSK	54.10	26.52	51.42	110.76
YAKUTSK	62.02	129.72	51.02	194.19
MOSCOW	55.48	37.32	50.80	120.87
MAGADAN	60.12	151.02	50.75	210.75
SWIDER	52.12	21.25	50.53	105.00
CHAMBON-LA-FORET	48.02	2.27	50.37	84.82
BELSK	51.83	20.80	50.34	104.45
CHELTENHAM	38.70	283.20	50.06	351.08
PRUHONICE	49.98	14.55	49.80	97.72
CARROLLTON	39.37	266.53	49.55	330.94
FREDERICKSBURG	38.20	282.63	49.54	350.42
ANDREWS AFB	38.20	282.63	49.54	350.42
KAZAN	55.83	48.85	49.27	130.73
BELOIT	39.48	261.87	49.27	325.43
RACIBORZ	50.00	18.20	49.11	101.16
BUDKOV	49.07	14.02	49.04	96.79
BOULDER	40.13	254.77	49.03	317.04
FURSTENFELDBRUCK	48.17	11.28	48.73	93.75
SHATSK	53.98	41.85	48.60	124.06
BURLINGTON	39.28	257.73	48.58	320.67
SVERDLOVSK	56.73	61.07	48.46	141.05
LEADVILLE	39.28	253.72	48.05	316.07
LVOV	49.90	23.75	47.94	106.26
WIEN-KOBENZL	48.27	16.32	47.82	98.61
PRICE	39.62	249.22	47.73	310.88
COLORADO SPRINGS	38.50	255.51	47.52	318.31
KIEV	50.72	30.30	47.50	112.56
ADAK	51.87	183.35	47.28	240.39
NAGYCENK	47.63	16.72	47.13	98.71
HURBANOVO	47.87	18.18	47.08	100.20
TIHANY	46.90	17.90	46.20	99.52
TULSA	35.92	264.22	46.00	328.89
LOGRONO	42.45	357.50	45.96	77.65
TOMSK	56.47	84.93	45.88	159.95
GENOVA	44.55	8.95	45.72	89.95

D01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
ROBURENT	44.30	7.88	45.70	88.80
CASTELLACCIO	44.43	8.93	45.51	89.88
SAN MIGUEL	37.77	334.35	45.54	51.39
COIMBRA	40.22	351.58	44.94	70.72
PETROPAVLOVSK	53.10	158.63	44.74	218.99
ESPANOLA	35.82	253.93	44.67	317.17
TORTOSA	40.82	.50	43.80	80.11
TOLEDO	39.88	355.95	43.78	75.13
ODESSA	46.78	30.88	43.61	111.51
CASTLE ROCK	37.23	237.87	43.55	299.14
GROCKA	44.63	20.77	43.46	101.34
DALLAS	32.98	263.25	42.98	328.29
L-AQUILA	42.38	13.32	42.77	93.37
KORETS	50.60	61.07	42.47	139.16
SURLARI	44.68	26.25	42.45	106.48
MT WILSON	34.14	241.97	41.22	304.42
SIMFEROPOL	44.83	34.07	41.14	113.72
ALOUSHTA	44.68	34.42	40.93	113.99
SAN FERNANDO	36.47	353.80	40.88	71.79
CAPRI F	40.55	14.22	40.82	93.60
PANAGYURISHTE	42.52	24.18	40.77	103.78
IRKUTSK	52.17	104.45	40.75	175.08
ALMERIA	36.85	357.53	40.54	75.75
TUCSON	32.25	249.17	40.48	312.72
KARAGANDA	49.82	73.08	40.31	149.04
KANDILLI	41.07	29.07	38.43	107.87
AVERROES	37.99	14.02	38.39	92.55
GIBILMANNA	37.98	14.02	38.38	92.55
NOVOKAZALINSK	45.77	62.12	37.60	138.82
YUZHNO SAKHALI	46.95	142.72	36.96	207.07
TBILISI	42.08	44.70	36.51	122.48
ATHENS (1)	38.05	23.87	36.51	102.03
ULAN BATOR	47.85	106.75	36.40	176.85
TENERIFE	28.48	343.72	34.90	59.09
CUBA	22.97	277.85	34.13	345.87
MEMAMBETSU	43.90	144.20	34.07	208.83
MINNEAPOLIS	44.93	93.60	33.88	165.62
ALMA ATA	43.25	76.92	33.42	151.11
USSURISK	43.68	132.17	32.90	198.52
TASHKENT	41.33	69.62	32.30	144.43
ASHKHABAD	37.95	58.10	30.47	133.52
KSARA	33.82	35.88	30.11	112.16
TEOLOYUCAN	19.75	260.82	29.59	327.56
PUERTO RICO	18.12	293.85	29.57	3.63
TEHRAN	35.73	51.38	29.31	126.94
MIZUSAWA	39.01	141.08	28.93	206.83
ONAGAWA	38.43	141.47	28.39	207.25
NITSANIM	31.73	34.60	28.31	110.43
HELWAN	29.87	31.33	27.11	106.87
MISALLAT	29.52	30.90	26.85	106.37
SEOUL	37.58	127.05	26.52	194.59
GILGIT	35.93	74.30	26.43	147.69
KAKIOKA	36.23	140.18	26.09	206.38
TAMANRASSET	22.80	5.53	25.29	80.02
KANOZAN	35.25	139.97	25.10	206.31
MIYAZU	35.32	135.11	24.77	201.95
MIDWAY	28.22	182.63	24.18	246.80
SIMOSATO	33.57	135.93	23.09	202.86
HACHIJO	33.13	139.80	22.97	206.41
ASO	32.88	131.02	22.06	198.49
QUETTA	30.18	66.95	21.60	140.14
HONOLULU	21.32	202.00	21.17	266.99
M BOUR	14.40	343.02	21.16	55.48
KANOYA	31.42	130.88	20.59	198.48
SABHAWALA	30.33	77.80	20.52	150.11
OGASAWARA	27.15	142.30	17.26	209.38
PARAMARIBO	5.82	304.78	16.93	14.83
FUQUENE	5.47	286.27	16.91	355.57
FREETOWN	8.46	346.79	14.68	58.24

SEPARATE DISCIPLINE LISTINGS

D01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
SHILLONG	25.55	91.88	14.63	162.65
AHMEDABAD	23.02	72.60	13.82	144.37
LUNPING	25.00	121.17	13.71	189.92
OKINAWA	24.75	125.33	13.63	193.81
ZARIA	11.15	7.65	13.47	79.58
KONTAGORA	10.40	5.45	13.17	77.25
CHA-PA	22.35	103.83	10.95	173.69
HONG KONG	22.20	114.20	10.75	183.46
IBADAN	7.43	3.90	10.55	75.12
ACCRA	5.63	359.83	9.56	70.74
TATUOCA	-1.20	311.48	9.51	21.25
ALIBAG	18.63	72.87	9.43	144.06
HYDERABAD	17.42	78.55	7.61	149.35
TALARA	-4.63	278.70	6.60	348.13
MOCA	3.35	8.67	5.63	79.03
ADDIS ABABA	9.03	38.77	5.30	109.61
PALMYRA ISLAND	5.88	197.82	5.22	266.17
BAGUIO	16.42	120.60	5.12	189.69
BANGUI	4.43	18.57	4.73	88.96
CHICLAYO	-6.80	280.20	4.49	349.71
GUAM	13.58	144.87	4.04	213.35
FANNING	3.90	200.62	3.84	269.31
MUNTINLUPA	14.37	121.02	3.08	190.17
KWAJALEIN	9.05	167.20	2.65	235.69
CHIMBOTE	-9.10	281.40	2.23	350.98
ANNAMALAINAGAR	11.40	79.68	1.51	149.81
MAJURO	7.08	171.38	1.41	240.11
TIRUCHIRAPALLI	10.80	78.70	1.01	148.79
KODAIKANAL	10.23	77.47	.57	147.53
BUNIA	1.53	30.18	-.41	99.76
JARVIS ISLAND	-.38	199.97	-.48	269.53
HUANCAYO	-12.05	284.67	-.54	354.27
CEBU	10.30	123.90	-.87	193.15
TRIVANDRUM	8.48	76.95	-1.11	146.83
CUZCO	-13.53	288.03	-2.07	357.57
KINSHASA-BINZA	-4.27	15.37	-3.16	84.10
KOROR	7.33	134.50	-3.17	203.80
BINZA	-4.38	15.26	-3.25	83.97
LWIRO	-2.25	28.80	-3.85	97.66
DAVAO	7.08	125.58	-4.00	194.97
YAUCA	-15.53	285.33	-4.10	354.98
NAIROBI	-1.28	36.83	-4.46	105.75
AREQUIPA	-16.47	288.52	-5.00	358.07
LUANDA	-8.92	13.17	-7.28	81.02
DAR ES SALAAM	-6.51	39.18	-10.04	107.06
LA QUIACA	-22.10	294.40	-10.65	3.65
VASSOURAS	-22.40	316.35	-12.00	24.31
HOLLANDIA	-2.57	140.52	-12.48	210.76
ELIZABETHVILLE	-11.63	27.42	-12.76	94.41
TAHITI	-17.55	210.38	-15.25	283.17
APIA	-13.80	188.22	-15.96	260.69
KUYPER	-6.03	106.73	-17.48	176.04
TANGERANG	-6.17	106.63	-17.62	175.93
EASTER ISLAND	-27.17	250.58	-18.17	323.04
TSUMEB	-19.22	17.70	-18.26	83.28
PORT MORESBY	-9.40	147.15	-18.52	218.36
PILAR	-31.67	296.12	-20.25	5.07
LAS ACACIAS	-35.00	302.32	-23.74	10.54
TANANARIVE	-18.92	47.55	-23.78	112.94
PLAISANCE	-20.43	57.67	-27.04	123.00
LOURENCO MARQUES	-25.92	32.58	-27.76	96.30
TRELEW	-43.25	294.68	-31.80	3.56
HERMANUS	-34.42	19.23	-33.38	80.99
GRAHAMSTOWN	-33.28	26.48	-33.71	88.33
WATHEROO	-30.30	115.90	-41.71	186.21
GNANGARA	-31.78	115.95	-43.19	186.32
CANBERRA	-35.30	149.00	-43.90	224.80
ADELAIDE	-34.60	138.40	-44.53	212.67
TOOLANGI	-37.53	145.47	-46.58	221.36
AMBERLEY	-43.15	172.72	-47.56	252.98

D01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
MARION IS	-46.85	37.87	-49.07	94.79
ORCADAS	-61.00	315.22	-50.31	18.49
GONZALES VIDELA	-64.82	297.15	-53.40	4.72
ARGENTINE IS	-65.20	295.70	-53.76	3.67
CAMPBELL IS	-52.50	169.20	-57.19	253.66
KERGUELEN	-49.35	70.20	-57.39	128.54
MACQUARIE IS	-54.50	158.95	-60.99	243.59
SANAE	-70.30	357.65	-63.71	44.53
EIGHTS	-75.23	282.83	-63.82	355.56
NORWAY STATION	-70.50	357.47	-63.87	44.22
SIPLE	-76.00	276.00	-64.73	351.83
HALLEY BAY	-75.50	333.40	-65.83	24.58
BORGA	-72.97	356.20	-65.93	40.87
NOVOLAZARREVSKAY	-70.77	11.82	-66.27	53.98
BAUDOUIN	-70.43	24.30	-68.09	63.61
SYOWA BASE	-69.00	39.58	-69.75	78.15
BYRD STATION	-80.00	240.50	-70.55	336.44
CAPE EVANS	-77.63	205.42	-72.48	314.83
MAWSON	-67.60	62.88	-73.16	103.52
LITTLE AMERICA	-78.18	197.80	-73.98	312.14
CAPE HALLETT	-72.32	170.22	-74.63	278.52
TERRE ADELIE	-66.67	140.02	-75.57	231.48
DAVIS	-68.60	78.00	-76.82	120.66
MIRNY	-66.55	93.02	-77.05	147.71
PLATEAU	-79.25	40.50	-77.29	52.82
OASIS	-66.30	100.72	-77.46	161.61
CASEY	-66.17	110.32	-77.64	179.60
WILKES	-66.25	110.58	-77.72	180.10
CHARCOT	-69.38	139.02	-78.18	235.10
SOUTH POLE	-90.00	0.00	-78.53	0.00
SCOTT BASE	-77.85	166.78	-78.91	294.53
MCMURDO	-77.85	166.70	-78.92	294.48
PIONERSKAYA	-69.73	95.50	-80.36	147.56
VOSTOK	-78.45	106.87	-89.27	94.25

D02 MAGNETOSPHERIC MICROPULSATION PHENOMENA

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/QANAQ	77.48	290.83	88.95	3.56
THULE/CAMP TUTO	76.60	291.30	88.07	5.30
RESOLUTE BAY	74.70	265.10	83.07	290.20
GODHAVN	69.23	306.48	79.78	33.33
CAMBRIDGE BAY	69.10	255.00	76.73	295.46
SUKKERTOPPEN	65.42	307.10	76.05	29.48
SPITSBERGEN	78.50	15.10	74.60	131.63
ANGMAGSSALIK	65.61	322.34	74.23	53.21
BAKER LAKE	64.33	263.97	73.81	315.98
HEISS IS	80.62	58.05	71.29	156.23
BEAR ISLAND	74.50	19.20	71.02	124.79
BAR I	69.90	219.80	70.54	256.88
INUVIK	68.35	226.28	70.52	265.22
FORT RELIANCE	62.70	251.00	70.26	300.21
LEIRVOGUR	64.18	338.30	70.12	71.51
BARROW	71.30	203.25	68.54	241.55
ST ANTHONY	57.06	308.65	67.71	26.48
TROMSO	69.67	18.95	67.05	117.02
FORT YUKON	66.57	214.75	66.73	257.31
GREAT WHALE	55.27	282.22	66.57	348.05
CAPE CHELYUSKIN	77.72	104.28	66.28	176.70
FORT CHEPEWYAN	58.70	249.00	66.17	301.51
TUNGSTEN	62.00	231.85	66.04	279.00
KEVO	69.75	26.48	65.83	122.79
KIRUNA	67.83	20.42	65.19	115.93
FORT SMITH	58.00	246.00	64.39	298.47
COLLEGE	64.87	212.17	64.73	256.99
BIG DELTA	64.00	214.27	64.36	259.79

SEPARATE DISCIPLINE LISTINGS

D02 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
MCMURRAY	56.70	248.70	64.22	302.66
KOTZEBUE	66.90	197.50	63.81	242.58
SODANKYLA	67.37	26.63	63.69	120.31
DIXON	73.55	80.57	63.01	161.84
LOVOZERO	67.97	35.02	62.85	127.27
LERWICK	60.13	358.82	62.43	89.00
MEANOOK	54.62	246.67	61.89	301.62
CAPE WELLEN	66.17	190.17	61.89	237.51
OULU	65.08	25.87	61.76	117.55
ANCHORAGE	61.23	210.08	61.04	258.55
LEDUC	53.60	246.60	60.91	302.15
SOUTH UIST	57.20	352.86	60.90	80.61
TIXIE BAY	71.58	129.00	60.48	191.72
SITKA	57.07	224.67	60.09	275.86
RED DEER	52.30	246.20	59.59	302.41
EDINBURGH	55.92	356.82	58.93	83.76
BAIE ST PAUL	47.38	289.45	58.85	358.59
EARLYBURN	55.73	356.77	58.76	83.58
ESKDALEMUIR	55.32	356.80	58.37	83.34
CALGARY	51.08	245.90	58.36	302.71
ENKOPING	59.58	17.13	58.33	105.70
NURMIJARVI	60.52	24.65	57.79	112.95
ASHLAND	46.30	291.70	57.77	1.52
MT ST HILAIRE	45.53	284.85	56.93	352.70
STONYHURST	53.85	357.53	56.84	83.14
YORK	53.97	358.92	56.68	84.63
OTTAWA	45.20	284.50	56.59	352.27
VALENTIA	51.93	349.75	56.54	73.92
SOGRA	62.80	46.25	56.32	132.04
ABERYSTWYTH	52.43	355.93	55.82	80.67
COPENHAGEN	55.85	12.45	55.76	98.92
NEWPORT	48.26	243.01	55.15	300.76
EAST ANGLIA	52.63	1.30	54.95	86.22
HARTLAND	50.98	355.52	54.52	79.44
WINGST	53.75	9.07	54.46	94.47
WARNKENHAGEN	54.00	11.07	54.30	96.52
VICTORIA	48.52	236.58	54.27	293.51
NOORD OOST POLD	52.72	5.65	54.17	90.57
TULALIP	48.08	237.81	54.07	295.06
WITTEVEEN	52.82	6.67	54.06	91.62
SIDMOUTH	50.67	356.75	53.99	80.54
GOONHILLY	50.33	356.77	53.66	80.39
SEATTLE	47.63	237.65	53.60	295.09
COUGAR MT	47.63	237.65	53.60	295.09
KINGSTON	41.62	288.27	53.08	357.19
BOROK	58.03	38.97	52.95	123.53
LAGRANDE	45.50	242.00	52.31	300.80
GOTTINGEN	51.53	9.97	52.18	94.11
NIEMEGK	52.07	12.68	52.16	96.99
DOURBES	50.10	4.60	51.89	88.15
LEBANON	39.63	285.50	51.05	353.83
YAKUTSK	62.02	129.72	51.02	194.19
CHAMBON-LA-FORET	48.02	2.16	50.39	84.71
ONDREJOV	49.92	14.78	49.70	97.91
FREDERICKSBURG	38.20	282.63	49.54	350.42
GARCHY	47.30	3.10	49.52	85.33
BUDKOV	49.07	14.02	49.04	96.79
BOULDER	40.13	254.77	49.03	317.04
FURSTENFELDBRUCK	48.17	11.28	48.73	93.75
KIEV	50.72	30.30	47.50	112.56
NAGYCENK	47.63	16.72	47.13	98.71
HOROUQUE	43.92	359.25	47.04	80.01
ROBURENT	44.30	7.88	45.70	88.80
PETROPAVLOVSK	53.10	158.63	44.74	218.99
TOLEDO	39.88	355.95	43.78	75.13
ODESSA	46.78	30.88	43.61	111.51
STANFORD	37.26	237.90	43.58	299.17
GROCKA	44.63	20.77	43.46	101.34
DALLAS	32.98	263.25	42.98	328.29
L-AQUILA	42.38	13.32	42.77	93.37

D02 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
IRKUTSK	52.47	104.03	41.06	174.75
BORREGO	33.36	243.72	40.74	306.52
TUCSON	32.25	249.17	40.48	312.72
AUSTIN	30.18	262.53	40.13	327.94
CROZET	46.43	51.87	39.70	130.08
TBILISI	42.08	44.70	36.51	122.48
ULAN BATOR	47.35	106.75	36.40	176.85
MEMAMBETSU	43.58	144.20	33.76	208.89
ALMA ATA	43.25	76.92	33.42	151.11
ASHKHABAD	37.95	58.10	30.47	133.52
VEGA BAJA	18.29	293.75	29.74	3.52
CAMP TORUGUERO	18.29	293.75	29.74	3.52
PUERTO RICO	18.12	293.85	29.57	3.63
ONAGAWA	38.26	142.28	28.30	207.99
KAKIOKA	36.23	140.18	26.09	206.38
TAMANRASSET	22.80	5.53	25.29	80.02
MIYAZU	35.32	135.11	24.77	201.95
GULMARG	34.07	74.42	24.58	147.53
SIMOSATO	33.57	135.93	23.09	202.86
MAUI	21.71	203.74	21.89	268.61
TRINIDAD	10.42	298.62	21.77	8.57
ASO	32.53	131.01	21.71	198.51
DILLINGHAM	21.60	202.00	21.44	266.93
HONOLULU	21.32	202.00	21.17	266.99
M BOUR	14.40	343.02	21.16	55.48
KANOYA	31.25	130.53	20.40	198.18
OGASAWARA	27.15	142.30	17.26	209.38
PARAMARIBO	5.82	304.78	15.93	14.83
FREETOWN	8.46	346.79	14.68	58.24
OKINAWA	24.75	125.33	13.63	193.81
ZARIA	11.15	7.65	13.47	79.58
PARAKOU	9.35	2.62	12.68	74.24
IBADAN	7.43	3.90	10.55	75.12
ACCRA	5.63	359.83	9.56	70.74
FORT ARCHAMBAULT	9.20	18.35	9.45	89.71
MOCA	3.35	8.67	5.63	79.03
ADDIS ABABA	9.03	38.77	5.30	109.61
BAGUIO	16.42	120.60	5.12	189.69
BANGUI	4.43	18.57	4.73	88.96
GUAM	13.58	144.87	4.04	213.35
MANILA	14.70	121.10	3.41	190.24
JICAMARCA	-11.95	283.14	-.57	352.77
HUANCAYO	-12.05	284.67	-.64	354.27
CEBU	10.30	123.90	-.87	193.15
MAKERERE	.33	32.50	-2.04	101.80
KOROR	7.33	134.50	-3.17	203.80
SAN JOSE	-23.22	314.15	-12.65	22.17
TAHITI	-17.55	210.38	-15.25	283.17
LAE	-6.73	147.00	-15.88	217.86
APIA	-13.80	188.22	-15.96	260.69
PORT MORESBY	-9.40	147.15	-18.52	218.36
TOWNSVILLE	-19.30	146.70	-28.39	219.28
NGOYA	-28.83	31.88	-30.46	94.86
DURBAN	-29.92	30.93	-31.33	93.63
HERMANUS	-34.42	19.23	-33.38	80.99
BRISBANE	-27.25	152.50	-35.46	226.88
LAUNCESTON	-42.00	213.00	-38.60	291.81
AUCKLAND	-36.51	174.45	-40.80	252.48
NEWCASTLE	-32.75	151.50	-41.03	226.97
CAMDEN	-32.75	151.50	-41.03	226.97
WOOMERA	-31.10	136.78	-41.22	210.23
SOUTH GEORGIA	-54.28	323.50	-44.29	26.35
TOOLANGI	-37.53	145.47	-46.58	221.36
LAROCHE GODON	-37.83	77.57	-47.13	140.83
OAMARU	-44.99	170.97	-49.56	251.88
CHRISTCHURCH	-44.99	170.97	-49.56	251.88
DUNEDIN	-45.90	170.60	-50.61	251.87
INVERCARGILL	-46.40	168.30	-51.52	249.65
HOBART	-42.87	147.33	-51.58	224.95
CAMPBELL IS	-52.50	169.20	-57.19	253.66

SEPARATE DISCIPLINE LISTINGS

D02 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
KERGUELEN	-49.35	70.20	-57.39	128.54
MACQUARIE IS	-54.50	158.95	-60.99	243.59
SANAE	-70.30	357.65	-63.71	44.53
EIGHTS	-75.23	282.83	-63.82	355.56
HALLEY BAY	-75.50	333.40	-65.83	24.58
NOVOLAZARREVSKAY	-70.77	11.82	-66.27	53.98
BAUDOUIN	-70.43	24.30	-68.09	63.61
SYOWA BASE	-69.00	39.58	-69.75	78.15
BYRD STATION	-80.00	240.50	-70.55	336.44
MAWSON	-67.60	62.88	-73.16	103.52
TERRE ADELIE	-66.67	140.02	-75.57	231.48
DAVIS	-68.60	78.00	-76.82	120.66
MIRNY	-66.55	93.02	-77.05	147.71
PLATEAU	-79.47	40.58	-77.42	52.00
CASEY	-66.17	110.32	-77.64	179.60
WILKES	-66.25	110.58	-77.72	180.10
SOUTH POLE	-90.00	0.00	-78.53	0.00
SCOTT BASE	-77.85	166.78	-78.91	294.53
MCMURDO	-77.85	166.70	-78.92	294.48
VOSTOK	-78.45	106.87	-89.27	94.25

D03 SPACE MAGNETISM

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
BAIE ST PAUL	47.38	289.45	58.85	358.59
ASHKHABAD	37.95	58.10	30.47	133.52
EIGHTS	-75.23	282.83	-63.82	355.56

E01 ALL-SKY CAMERA

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/QANAQ	77.48	290.83	88.95	3.56
THULE/CAMP TUTO	76.55	291.17	88.02	4.31
ALERT	82.50	297.40	85.88	167.46
RESOLUTE BAY	74.70	265.10	83.07	290.20
ARCTICAII (NP-7)	*86	296	82	177
NORD	81.67	343.33	80.79	133.88
FLETCHERS ICE	*80	235	80	235
GODHAVN	69.30	306.17	79.88	32.86
MOULD BAY	76.30	240.60	79.25	256.41
T-3	*80	0	77	129
ARCTICA I (NP-6)	*82	9	77	143
SDR STROMFJORD	67.00	310.00	77.26	36.20
KAP TOBIN	70.48	338.04	75.60	82.21
NY-ALESUND	78.92	11.95	75.34	131.33
SACHS HARBOR	72.00	235.00	75.20	266.01
MURCHISON BAY	80.10	18.30	75.19	137.79
PYRAMIDA	78.20	15.20	74.38	130.85
ARCTIC ICE FLO	*80	195	74	219
BAKER LAKE	64.30	264.00	73.79	316.06
ARLIS III	*75	210	72	239
EGILSSTADIR	65.10	245.50	71.46	290.47
HEISS IS	80.70	58.00	71.37	156.33
NARSSARSSUAQ	61.20	315.00	71.09	38.00
JULIANEHAAB	60.80	314.00	70.82	36.26
INUVIK	68.35	226.20	70.51	265.15
BAR I	69.60	219.80	70.29	257.38
ENNADAI LAKE	61.30	258.80	70.20	311.80
REYKJAVIK	64.10	338.10	70.09	71.18
AKLAVIK	68.10	225.00	70.06	264.43
WIESE IS	79.90	77.00	69.35	164.06

E01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
YELLOWKNIFE	62.40	245.60	69.02	293.93
BARROW	71.60	203.60	68.95	241.36
CHURCHILL	58.80	265.90	68.74	323.46
O DAY	57.60	265.80	67.56	324.04
CAPE ZHELANIA	77.00	68.60	67.16	157.21
TROMSO	69.70	19.00	67.07	117.10
UEDINENIE IS	77.50	82.30	66.76	164.96
FORT YUKON	66.57	214.75	66.73	257.31
GREAT WHALE	55.27	282.22	66.57	348.05
SKIBOTN	69.37	20.32	66.55	117.69
BIRD	56.50	265.80	66.48	324.64
CAPE CHELYUSKIN	77.80	104.30	66.36	176.72
KNOB LAKE	54.80	293.18	66.26	3.80
ABISKO	68.36	18.82	65.94	115.28
KEVO	69.75	26.48	65.83	122.79
BETTLES	66.90	208.40	65.80	251.46
UTSJOKI	69.75	27.00	65.74	123.17
STEVENS VILLAGE	66.00	212.00	65.70	255.59
EAGLE	64.00	219.00	65.29	264.14
ALLAKAKET	66.50	207.40	65.26	251.09
KOTELNY IS	76.00	137.90	65.25	195.41
KIRUNA	67.84	20.42	65.20	115.94
TUNGSTEN	61.00	232.00	65.16	280.16
ESRANGE	67.88	21.05	65.12	116.49
WRANGEL ISLAND	71.00	181.40	64.88	226.43
MUONIO	67.95	23.67	64.72	118.62
COLLEGE	64.86	212.15	64.72	256.98
SKAULO	67.41	21.09	64.70	116.00
IVALO	68.60	27.42	64.66	122.20
NORTHWAY	63.00	218.00	64.20	264.24
MURMANSK	68.97	33.08	64.06	126.80
SODANKYLA	67.40	26.60	63.73	120.32
HEALY	64.00	211.00	63.73	256.85
FLIN FLON	54.70	258.00	63.73	315.40
KOTZEBUE	66.53	197.61	63.50	243.04
WHITE HORSE	60.70	224.90	63.48	273.14
PREOBRAZHENIE	74.70	112.90	63.23	181.39
KRISTINEBERG	65.10	18.60	63.09	111.59
DIXON	73.50	80.40	62.97	161.71
CAPE SCHMIDT	69.00	180.50	62.94	227.74
CAPE SHALAUROV	73.20	143.30	62.85	200.05
MOOSONEE	51.50	279.33	62.68	344.73
LYCKSELE	64.62	18.67	62.65	111.19
LERWICK	60.13	358.82	62.43	89.00
CHETIREKHSTOLB	70.70	162.40	62.17	213.84
TALKEETNA	62.30	209.90	61.98	257.47
CAPE WELLEN	66.20	190.10	61.90	237.42
MEANOOK	54.62	246.67	61.89	301.62
OULU	65.08	25.87	61.76	117.55
FAREWELL	62.50	206.10	61.43	253.92
MUOSTAKH	71.60	130.10	60.55	192.42
SASKATOON	52.10	253.40	60.54	311.06
TIXIE BAY	71.60	128.90	60.50	191.65
KAZACHIE	70.80	136.30	60.07	196.65
NARYAN MAR	67.60	53.10	59.91	140.16
REGINA	50.40	255.50	59.20	314.40
ARKHANGELSK	64.60	40.50	58.89	128.72
NORILSK	69.40	88.10	58.50	165.11
UPPSALA	59.85	17.60	58.49	106.32
PRESQUE ISLE	46.58	291.98	58.05	1.88
SALEKHARD	66.50	66.70	57.30	149.26
LAKE TRAVERSE	45.96	281.95	57.27	348.94
SHINGLETON	46.40	273.50	57.23	338.09
OLENEK	68.50	112.50	57.03	181.33
FARGO	46.90	263.20	56.75	325.10
VERKHOYANSK	67.60	133.40	56.74	195.67
ROSCHINO	60.20	29.60	56.50	116.94
OTTAWA	45.20	284.50	56.59	352.27
SHEFFIELD	53.43	358.12	56.33	83.49
CHOTEAU	47.80	247.80	55.50	306.41

SEPARATE DISCIPLINE LISTINGS

E01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
HANOVER	43.70	287.80	55.16	356.55
SIKTIVKAR	61.80	50.80	54.72	135.04
VICTORIA	48.50	236.60	54.25	293.54
ITHACA	42.50	283.50	53.87	351.20
PULLMAN	46.72	242.83	53.63	301.22
WILLIAMS BAY	42.60	271.50	53.30	336.32
RAPID CITY	44.03	256.95	53.16	318.46
VERMILLION	42.80	263.10	52.59	326.10
DELAWARE	40.30	276.90	51.38	343.27
ZVENIGOROD	55.72	36.85	51.11	120.58
YAKUTSK	62.10	129.70	51.10	194.16
POCATELLO	42.80	247.60	50.60	308.06
REDMOND	44.30	238.70	50.57	297.63
FRITZ PEAK	39.90	254.52	48.77	316.82
ALDAN	58.70	125.40	47.52	191.39
MOUNT KOBAU	49.11	119.50	37.75	187.42
CAMDEN	-34.10	150.70	-42.48	226.40
MELBOURNE	-37.90	145.10	-46.39	221.03
LAUDER	-45.05	169.67	-49.97	250.53
INVERCARGILL	-46.60	168.40	-51.70	249.84
HOBART	-43.00	147.40	-51.70	225.07
O HIGGINS	-63.30	302.10	-52.00	8.42
GONZALES VIDELA	-64.80	297.10	-53.38	4.68
CAMPBELL IS	-52.60	169.20	-57.28	253.72
MACQUARIE IS	-54.50	159.00	-60.98	243.64
SANAE	-70.30	357.65	-63.71	44.53
EIGHTS	-75.23	282.83	-63.82	355.56
HALLEY BAY	-75.50	333.40	-65.83	24.58
BORGA	-72.97	356.20	-65.93	40.87
NOVOLAZARREVSKAY	-70.77	11.82	-66.27	53.98
ELLSWORTH	-77.80	318.80	-67.05	14.88
BELGRANO	-77.97	321.20	-67.34	16.02
BAUDOUIN	-70.40	23.30	-67.89	62.90
SYOWA BASE	-69.00	39.60	-69.75	78.17
BYRD STATION	-80.02	240.47	-70.57	336.45
MAWSON	-67.60	62.90	-73.17	103.54
LITTLE AMERICA	-78.20	197.80	-74.00	312.19
CAPE HALLETT	-72.30	170.20	-74.61	278.46
DAVIS	-68.60	78.00	-76.82	120.66
MIRNY	-66.55	93.02	-77.05	147.71
PLATEAU	-79.25	40.50	-77.29	52.82
OASIS	-66.30	100.80	-77.47	161.76
CASEY	-66.20	110.35	-77.67	179.66
WILKES	-66.28	111.53	-77.75	181.90
SCOTT BASE	-77.90	166.80	-78.93	294.76
VOSTOK	-78.50	106.90	-89.28	90.39

E02 VISUAL OBSERVATIONS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
EDINBURGH	55.92	356.82	58.93	83.76
ENKOPING	59.58	17.13	58.33	105.70
ARGENTINE IS	-65.20	295.70	-53.76	3.67
ADELAIDE IS	-67.77	295.08	-56.32	3.10
STONNINGTON ISLA	-68.54	293.00	-57.07	1.66
ELLSWORTH	-77.80	318.80	-67.05	14.88
BELGRANO	-77.97	321.20	-67.34	16.02

E03 OTHER OPTICAL TECHNIQUES (E.G., SPECTRA)

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/CAMP TUTO	76.55	291.17	88.02	4.31
RESOLUTE BAY	74.70	265.10	83.07	290.20
SHEPHERD BAY	68.82	266.57	78.38	313.27
NY-ALESUND	79.00	12.00	75.39	131.60
ARCTIC ICE FLO	*80	195	74	219
CAPE PARRY	70.17	235.28	73.82	270.49
BAKER LAKE	64.30	264.00	73.79	316.06
ESKIMO POINT	61.10	265.93	70.97	321.89
CHURCHILL	58.80	265.90	68.74	323.46
ANDOYA	69.30	16.00	67.27	114.25
TROMSO	69.70	19.00	67.07	117.10
GILLAM	56.85	265.58	66.80	324.16
FORT YUKON	66.57	214.75	66.73	257.31
KIRUNA	67.84	20.42	65.20	115.94
COLLEGE	64.86	212.15	64.72	256.98
THOMPSON	55.00	263.00	64.68	321.69
MURMANSK	68.97	33.08	64.06	126.80
ESTER DOME	64.05	211.91	63.95	257.61
MEANOOK	54.62	246.67	61.89	301.62
SASKATOON	52.10	253.40	60.54	311.06
WINNIPEG	49.63	262.87	59.40	323.79
SHINGLETON	46.40	273.50	57.23	338.09
LENINGRAD	59.95	30.70	56.17	117.70
KETTLE FALLS	48.36	241.97	55.07	299.54
ITHACA	42.50	283.50	53.87	351.20
ANDOVER	42.00	289.00	53.47	358.09
WILLIAMS BAY	42.60	271.50	53.30	336.32
RAPID CITY	44.03	256.95	53.16	318.46
RICHLAND	46.40	240.40	52.90	298.65
YAKUTSK	62.10	129.70	51.10	194.16
FRITZ PEAK	39.90	254.52	48.77	316.82
HUNTSVILLE	34.44	273.65	45.33	340.08
LAUREL RIDGE	40.16	230.34	45.04	290.21
PARATUNKA	52.58	158.14	44.18	218.74
ALAMOGORDO	32.26	318.40	42.20	32.25
ABRA PAMPA	-23.10	294.30	-11.35	3.54
EL LEONCITO	-31.80	290.70	-20.33	.15
LAUDER	-45.05	169.67	-49.97	250.53
INVERCARGILL	-46.60	168.40	-51.70	249.84
CAMPBELL IS	-52.50	169.20	-57.19	253.66
MACQUARIE IS	-54.50	159.00	-60.98	243.64
SANAE	-70.30	357.60	-63.71	44.50
SIPLE	-76.00	276.00	-64.73	351.83
BORGA	-72.97	356.20	-65.93	40.87
ELLSWORTH	-77.80	318.80	-67.05	14.88
BYRD STATION	-80.02	240.47	-70.57	336.45
LITTLE AMERICA	-78.20	197.80	-74.00	312.19
CAPE HALLETT	-72.30	170.20	-74.61	278.46
MIRNY	-66.55	93.02	-77.05	147.71
WILKES	-66.28	111.53	-77.75	181.90
SOUTH POLE	-90.00	0.00	-78.53	0.00
MCMURDO	-77.85	166.70	-78.92	294.48
SCOTT BASE	-77.90	166.80	-78.93	294.76

E04 RADIO AND RADAR OBSERVATIONS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
FROBISHER BAY	63.80	291.30	75.27	1.34
BARROW	71.60	203.60	68.95	241.36
CHURCHILL	58.80	265.90	68.74	323.46
WOLLASTON LAKE	58.00	257.00	66.78	312.07
FORT YUKON	66.57	214.75	66.73	257.31
GREAT WHALE	55.27	282.22	66.57	348.05
COLLEGE	64.86	212.15	64.72	256.98
THOMPSON	55.00	263.00	64.68	321.69

SEPARATE DISCIPLINE LISTINGS

E04 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
MURMANSK	68.97	33.08	64.06	126.80
KOTZEBUE	66.53	197.51	63.48	242.96
FAREWELL	62.50	206.10	61.43	253.92
TIXIE BAY	71.60	128.90	60.50	191.65
HOMER	59.73	208.49	59.35	258.30
KING SALMON	58.38	203.39	57.11	254.65
OTTAWA	45.20	284.50	56.59	352.27
KUHLUNGSBORN	54.09	11.43	54.31	96.91
ITHACA	42.50	283.50	53.87	351.20
RAPID CITY	44.03	256.95	53.16	318.46
YAKUTSK	62.10	129.70	51.10	194.16
HOBART	-43.00	147.40	-51.70	225.07
SYOWA BASE	-69.00	39.60	-69.75	78.17
MAWSON	-67.60	62.88	-73.16	103.52
MIRNY	-66.55	93.02	-77.05	147.71
CASEY	-66.28	110.53	-77.75	180.00

F01 NEUTRON MONITORS AND SUPERMONITORS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	CUT-OFF RIGIDITY GV	ALT-ITUDE METERS
ALERT	82.52	297.40	0.00	66
CAPE HALLETT	-72.30	170.20	0.00	0
MCMURDO	-77.85	166.72	0.00	48
RESOLUTE BAY	74.72	265.02	0.00	17
SYOWA BASE	-69.00	39.60	0.00	15
THULE/CAMP TUTO	76.60	291.20	0.00	260
VOSTOK	-78.50	106.90	0.00	3488
CASEY	-66.28	110.53	.01	0
TERRE ADELIE	-66.67	140.02	.01	45
WILKES	-66.28	111.53	.01	0
MIRNY	-66.55	93.02	.04	30
MURCHISON BAY	80.05	18.25	.06	0
HEISS IS	80.62	58.05	.08	20
SOUTH POLE	-90.00	0.00	.10	2820
INUVIK	68.35	226.28	.17	21
MAWSON	-67.60	62.88	.19	0
CHURCHILL	58.75	265.90	.21	39
COLLEGE	64.85	212.17	.48	91
TIXIE BAY	71.58	129.00	.49	0
MURMANSK	68.25	33.08	.50	0
KIRUNA	67.83	20.43	.54	400
CAPE SCHMIDT	68.92	180.50	.56	0
GOOSE BAY	53.27	299.60	.59	46
NORILSK	69.26	88.05	.60	0
APATITY	67.55	33.30	.61	182
BELGRANO	-77.97	321.20	.70	0
ELLSWORTH	-77.72	318.86	.72	0
OULU	65.02	25.50	.84	15
SANAE	-70.30	357.65	.94	53
CALGARY	51.08	245.90	1.05	1128
DEEP RIVER	46.10	282.50	1.07	145
KERGUELEN	-49.35	70.22	1.12	0
SULPHUR MOUNTAIN	51.20	244.40	1.12	2283
BERGEN	60.40	5.32	1.15	0
OTTAWA	45.40	284.40	1.19	57
MT WASHINGTON	44.30	288.70	1.35	1900
UPPSALA	59.85	17.60	1.41	0
NORTHFIELD	44.47	266.75	1.43	287
DURHAM	43.10	289.17	1.56	0
YAKUTSK	62.02	129.72	1.65	105
CHICAGO	41.83	272.30	1.80	200
HOBART	-42.90	147.33	1.83	0
INVERCARGILL	-46.60	168.40	1.83	0
VICTORIA	48.50	236.60	1.85	71
MT WELLINGTON	-42.92	147.23	1.89	725

F01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
BELFAST	54.58	354.07	1.99	16
SWARTHMORE	39.90	284.65	2.00	80
MAGADAN	60.11	151.01	2.08	0
LEEDS	53.83	358.42	2.15	70
LINCOLN	40.82	263.32	2.17	350
SVERDLOVSK	56.73	61.07	2.25	290
KIEL	54.30	10.10	2.30	54
MOSCOW	55.47	37.32	2.37	200
KUHLUNGSBORN	54.12	11.77	2.40	70
NEDERHORST DEN B	52.23	5.08	2.72	0
LONDON	51.53	359.90	2.75	45
UTRECHT	52.08	5.13	2.78	1
NOVOSIBIRSK	54.80	83.00	2.80	0
DENVER	39.75	255.00	2.84	1600
HERSTMONCEUX	50.87	.33	2.94	23
LINDAU	51.60	10.10	2.95	140
GOTTINGEN	51.52	9.93	2.97	273
CLIMAX	39.37	253.80	3.02	3400
HALLE	51.48	11.97	3.12	100
DOURBES	50.10	4.60	3.26	225
WELLINGTON	-41.28	174.77	3.35	125
PANSKA VES	50.08	14.42	3.52	215
KIEV	50.72	30.30	3.53	120
IRKUTSK	52.47	104.03	3.61	433
GIF SUR YVETTE	48.68	2.13	3.70	40
LOMNICKY STIT	49.20	20.22	3.91	2632
SCHAUINSLAND	47.92	7.75	4.04	1200
MUNICH	48.20	11.60	4.11	500
WEISSENAU	47.80	9.50	4.16	427
DALLAS	32.98	263.27	4.26	208
PREDIGTSTUHL	47.70	12.88	4.28	1614
ZUGSPITZE	47.42	10.98	4.31	2960
HAFELEKAR	47.32	11.38	4.36	2290
WHITE MOUNTAIN	37.58	241.75	4.39	3800
BERKELEY	37.86	237.70	4.43	0
JUNGFRAUJOCH	46.50	8.00	4.49	3550
SYDNEY/FLEURS	-33.87	151.19	4.57	43
HERMANUS	-34.42	19.22	4.68	26
USHUAIA	-54.80	291.70	5.29	0
KHABAROVSK	48.50	135.21	5.37	0
SIMFEROPOL	44.73	34.00	5.43	570
PIC DU MIDI	42.93	.25	5.46	2860
ROME	41.90	12.52	6.20	60
MUSSALA	42.18	25.58	6.26	2925
TBILISI	41.72	44.73	6.73	510
ALMA ATA	43.25	76.92	6.77	806
POTCHEFSTROOM	-26.70	27.10	7.04	1350
BRISBANE	-27.53	152.92	7.10	0
ATHENS (1)	37.97	23.72	8.55	110
MEXICO CITY	19.33	260.82	8.88	2774
BUENOS AIRES	-34.58	301.52	9.88	0
MORIOKA	39.70	141.13	10.10	135
FUKUSHIMA	37.75	140.46	10.48	66
TEHRAN	35.70	51.40	10.58	1400
CORDOBA	-31.40	295.80	10.72	434
EL INFIERNILLO	-33.17	289.72	10.74	4343
SEOUL	37.58	127.05	10.76	50
RIO DE JANEIRO	-22.95	316.83	10.99	0
GULMARG	34.07	74.42	11.31	2743
MT NORIKURA	36.12	137.55	11.35	2770
TOKYO/ITABASHI	35.75	139.72	11.55	20
MINA AGUILAR	-23.10	294.30	11.95	4000
CHACALTAYA	-16.31	291.85	12.64	5220
HONOLULU	21.30	202.30	12.92	91
HALEAKALA	20.72	203.73	12.99	3052
KULA	20.73	203.67	12.99	930
HUANCAYO	-12.03	248.67	13.04	3400
ALIGARH	27.90	78.07	14.84	186
MAKERERE	.34	32.56	15.02	1196

SEPARATE DISCIPLINE LISTINGS

F01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
LAE	-6.73	147.00	15.36	0
AHMEDABAD	23.02	72.60	15.98	0
DACCA	23.70	90.42	16.16	0
KODAIKANAL	10.23	77.48	17.50	2443

F02 IONIZATION CHAMBERS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
GODHAVN	69.20	306.00	79.81	32.36
CAPE SCHMIDT	68.92	180.50	62.86	227.81
TIXIE BAY	71.58	129.00	60.48	191.72
DEEP RIVER	46.10	282.50	57.43	349.64
KUHLUNGSBORN	54.12	11.77	54.27	97.25
AMSTERDAM	52.22	4.92	53.84	89.58
HALLE	51.48	11.97	51.74	96.00
YAKUTSK	62.02	129.72	51.02	194.19
MOSCOW	55.47	37.32	50.79	120.86
FREDERICKSBURG	38.25	282.60	49.59	350.38
SCHAUINSLAND	47.92	7.75	49.19	90.21
SVERDLOVSK	56.73	61.07	48.46	141.05
HAFELEKAR	47.32	11.38	47.89	93.47
IRKUTSK	52.47	104.03	41.06	174.75
TBILISI	41.72	44.73	36.25	122.41
SAPPORO	43.02	141.35	32.94	206.51
MEXICO CITY	19.33	260.82	29.17	327.62
MT NORIKURA	36.12	137.55	25.76	204.05
TOKYO/ITABASHI	35.75	139.72	25.57	206.03
TOKYO/MABASHI	35.71	139.65	25.53	205.97
HOWRAH	22.66	88.32	11.98	159.11
HONG KONG	22.33	114.20	10.88	183.46
HUANCAYO	-12.03	248.67	-3.40	319.17
CHRISTCHURCH	-43.50	172.60	-47.92	252.99
HOBART	-42.90	147.33	-51.61	224.96
SYOWA BASE	-69.00	39.60	-69.75	78.17
MIRNY	-66.55	93.02	-77.05	147.71

F03 MESON TELESCOPE (CUBICAL, CROSSED, NARROW ANGLE AND WIDE ANGLE)

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/CAMP TUTO	76.60	291.20	88.07	4.61
ALERT	82.52	297.40	85.86	167.55
RESOLUTE BAY	74.72	265.02	83.06	289.96
MURCHISON BAY	80.05	18.25	75.16	137.61
HEISS IS	80.62	58.05	71.29	156.23
INUVIK	68.35	226.28	70.52	265.22
CHURCHILL	58.75	265.90	68.69	323.49
KIRUNA	67.83	20.43	65.19	115.94
GOOSE BAY	53.27	299.60	64.54	12.67
APATITY	67.55	33.30	62.74	125.59
OULU	65.02	25.50	61.77	117.19
BERGEN	60.40	5.32	61.39	95.51
UPPSALA	59.85	17.60	58.49	106.32
SULPHUR MOUNTAIN	51.20	244.39	58.23	300.91
BELFAST	54.58	354.07	58.21	80.05
DEEP RIVER	46.10	282.50	57.43	349.64
OTTAWA	45.40	284.40	56.79	352.13
KIEL	54.30	10.10	54.77	95.77
KUHLUNGSBORN	54.12	11.77	54.27	97.25
LONDON	51.53	359.90	54.18	84.21
UTRECHT	52.08	5.13	53.67	89.71
HERSTMONCEUX	50.87	.33	53.47	84.29

F03 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
LINDAU	51.60	10.10	52.22	94.28
DOURBES	50.10	4.60	51.89	88.15
SWARTHMORE	39.90	284.65	51.30	352.78
MEUDON	48.82	2.25	51.14	85.18
YAKUTSK	62.02	129.72	51.02	194.19
MOSCOW UNIVERSIT	55.73	37.63	50.98	121.25
MOSCOW	55.47	37.32	50.79	120.86
LINCOLN	40.82	263.32	50.76	326.84
BELSK	51.83	20.78	50.35	104.43
PANSKA VES	50.08	14.42	49.93	97.64
SCHAUINSLAND	47.92	7.75	49.19	90.21
WEISSENAU	47.80	9.50	48.73	91.86
DENVER	39.67	255.03	48.51	317.46
ZUGSPITZE	47.42	10.98	48.07	93.13
PREDIGTSTUHL	47.70	12.88	47.96	95.08
LOMNICKY STIT	49.20	20.22	47.95	102.69
HAFELEKAR	47.32	11.38	47.89	93.47
MONT BLANC TUNNE	45.80	4.52	47.80	86.09
BUDAPEST	47.50	18.90	46.58	100.72
TORINO	45.05	7.75	46.44	88.97
PIC DU MIDI	42.93	.25	45.89	80.64
BUENOS AIRES	34.58	301.52	45.81	13.01
BOLOGNA	44.50	11.35	45.20	92.27
BERKELEY	37.86	237.70	44.13	298.77
EMBUDO	35.20	253.32	43.98	316.63
LISBON	38.80	350.85	43.70	69.47
SOCORRO	34.07	253.07	42.83	316.61
ROME	41.90	12.52	42.46	92.42
SIMFEROPOL	44.73	34.00	41.06	113.62
IRKUTSK	52.47	104.03	41.06	174.75
SANTA BARBARA	34.00	241.00	40.92	303.42
COLLEGE STATION	30.63	263.65	40.69	329.13
TBILISI	41.72	44.73	36.25	122.41
ALMA ATA	43.25	76.92	33.42	151.11
HAIFA	32.82	34.98	29.31	111.06
MEXICO CITY	19.33	260.82	29.17	327.62
CAIRO	30.03	31.15	27.30	106.74
SEOUL	37.58	127.05	26.52	194.59
MATSUMOTO	36.23	138.00	25.90	204.43
MT NORIKURA	36.12	137.55	25.76	204.05
TOKYO/ITABASHI	35.75	139.72	25.57	206.03
TOKYO/MABASHI	35.71	139.65	25.53	205.97
KOENJI	35.71	139.64	25.53	205.96
SAKASHITA	35.58	137.53	25.22	204.09
TAKEYAMA	35.22	139.62	25.04	206.00
NAGOYA	35.01	136.90	24.50	203.59
GULMARG	34.07	74.42	24.58	147.53
HONOLULU	21.30	202.35	21.22	267.34
KULA	20.73	203.67	20.92	268.76
DARJEELING	27.03	88.27	16.34	159.41
AHMEDABAD	23.02	72.60	13.82	144.37
DACCA	23.70	90.42	12.88	161.16
MACAU	22.22	113.55	10.76	182.85
MAKERERE	0.00	30.00	1.88	279.28
KODAIKANAL	10.23	77.48	.57	147.54
COLOMBO	6.90	79.87	-2.99	149.54
CHACALTAYA	-16.31	291.85	-4.84	1.27
LAE	-6.73	147.00	-15.88	217.86
EL INFIERNILLO	-33.17	289.72	-21.70	359.27
ESTACION LOS CER	-33.30	289.30	-21.83	358.89
MACUL	-33.45	289.40	-21.98	358.98
LOS CERRILLOS	-33.50	289.30	-22.03	358.89
CAPE TOWN	-33.93	18.47	-32.76	80.40
HERMANUS	-34.42	19.22	-33.38	80.98
WELLINGTON	-41.28	174.77	-45.36	254.41
CHRISTCHURCH	-43.50	172.60	-47.92	252.99
CAMBRIDGE TUNNEL	-42.85	147.40	-51.55	225.02
HOBART	-42.90	147.33	-51.61	224.96
INVERCARGILL	-46.60	168.40	-51.70	249.84

SEPARATE DISCIPLINE LISTINGS

F03 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
KERGUELEN	-49.35	70.22	-57.39	128.56
MACQUARIE IS	-54.48	158.97	-60.96	243.60
SYOWA BASE	-69.00	39.60	-69.75	78.17
MAWSON	-67.60	62.88	-73.16	103.52
WILKES	-66.28	111.53	-77.75	181.90
SOUTH POLE	-90.00	0.00	-78.53	0.00
MCMURDO	-77.85	166.72	-78.92	294.49

F04 BALLOON MEASUREMENTS

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
REYKJAVIK	64.10	338.10	70.09	71.18
CHURCHILL	58.75	265.90	68.69	323.49
KIRUNA	67.83	20.43	65.19	115.94
COLLEGE	64.85	212.17	64.71	257.01
IVALO	68.60	27.42	64.66	122.20
SODANKYLA	67.40	26.60	63.73	120.32
APATITY	67.55	33.30	62.74	125.59
UTRECHT	52.08	5.13	53.57	89.71
LINDAU	51.60	10.10	52.22	94.28
DAKAR	14.70	342.60	21.53	55.10
BOMBAY	19.00	72.80	9.81	144.04
BUENOS AIRES	-34.58	301.52	-23.29	9.84
POTCHEFSTROOM	-26.70	27.10	-27.43	90.70
KERGUELEN	-49.35	70.22	-57.39	128.56
BAUDOUIN	-70.40	23.30	-67.89	62.90
VOSTOK	-78.50	106.90	-89.28	90.39

G01 AIRGLOW

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
THULE/CAMP TUTO	76.55	291.17	88.02	4.31
SHEPHERD BAY	68.75	266.25	78.26	312.88
CAPE PARRY	70.17	235.28	73.82	270.49
ESKIMO POINT	61.10	265.93	70.97	321.89
HERCHMER	57.40	265.90	67.37	324.29
COLLEGE	64.86	212.15	64.72	256.98
SODANKYLA	67.37	26.63	63.69	120.31
NORWAY HOUSE	53.98	262.17	63.58	321.11
LOPARSKAYA	68.25	33.08	63.41	126.09
MOOSONEE	51.50	279.33	62.68	344.73
ABERDEEN(UK)	57.17	357.93	59.88	85.77
JORDANSTOWN	54.70	354.10	58.32	80.16
TORONTO	43.90	280.60	55.16	347.44
ANN ARBOR	42.24	276.27	53.28	342.24
RAPID CITY	44.03	256.95	53.16	318.46
RICHLAND	46.40	240.40	52.90	298.65
ZVENIGOROD	55.72	36.85	51.11	120.58
YAKUTSK	62.10	129.70	51.10	194.16
BIALKOW	51.47	16.67	50.80	100.44
ONDREJOV	49.92	14.78	49.70	97.91
FRITZ PEAK	39.90	254.52	48.77	316.82
LOMNICKY STIT	49.20	20.22	47.95	102.69
HAUTE PROVENCE	43.93	5.72	45.77	86.51
HUNTSVILLE	34.44	273.65	45.33	340.08
LAUREL RIDGE	40.16	230.34	45.04	290.21
SACRAMENTO PEAK	32.72	254.20	41.65	318.16
SIMFEROPOL	44.40	34.00	40.74	113.51
TUCSON	32.23	249.05	40.44	312.59
ABASTUMANI	41.90	42.70	36.77	120.63
ATHENS (1)	37.97	23.72	36.46	101.86

G01 CONTINUED

STATION NAME	GEOGRAPHIC LAT	GEOGRAPHIC LONG EAST	GEOMAGNETIC LAT	GEOMAGNETIC LONG EAST
CANARY ISLANDS	28.30	344.70	34.55	60.08
MEMAMBETSU	43.58	144.20	33.76	208.89
ASHKHABAD	37.95	58.10	30.47	133.52
ARECIBO	18.50	293.17	29.96	2.89
TONANZINTLA	19.03	261.70	28.96	328.60
SENDAI	38.09	140.56	27.97	206.49
NIIGATA	37.70	138.82	27.43	204.99
KAKIOKA	36.23	140.18	26.09	206.38
DODAIRA	36.00	139.20	25.78	205.53
NOBEYAMA	35.93	138.49	25.65	204.91
TAMANRASSET	22.78	5.53	25.27	80.01
GIFU	35.58	137.08	25.18	203.69
MARUYAMA	35.02	139.97	24.87	206.34
GULMARG	34.07	74.42	24.58	147.53
SRINAGAR	34.00	74.60	24.49	147.69
SAL	16.45	337.45	24.07	50.10
SHODA JIMA	34.55	134.27	23.94	201.27
ASO	32.88	131.02	22.06	198.49
HALEAKALA	20.75	203.70	20.95	268.79
NAINITAL	29.40	79.45	19.43	151.52
CHICHIJIMA	27.10	142.20	17.20	209.29
MT ABU	24.60	72.70	15.37	144.67
AHMEDABAD	23.02	72.60	13.82	144.37
POONA	18.52	73.87	9.21	145.00
DHAWAR	15.28	75.01	5.86	145.71
DEBRE ZEIT	8.75	38.97	4.99	109.75
SAO TOME	.12	6.39	2.90	76.15
HUANCAYO	-12.00	284.70	-.59	354.30
TRIVANDRUM	8.48	76.95	-1.11	146.83
LWIRO	-2.25	28.80	-3.85	97.66
ZAMBOANGA	6.90	122.07	-4.34	191.49
LUANDA	-8.92	13.17	-7.28	81.02
MAKATEA	-16.20	211.98	-13.62	284.44
TSUMEB	-19.22	17.70	-18.26	83.28
SAN JUAN (ARG)	-31.50	294.50	-20.05	3.60
TOWNSVILLE	-19.30	146.70	-28.39	219.28
SUTHERLAND	-32.38	20.70	-31.69	82.98
BRISBANE	-27.50	152.90	-35.65	227.36
CAMDEN	-34.07	150.63	-42.46	226.32
PERTH	-31.56	115.50	-42.98	185.79
DENILIQUIN	-35.32	144.58	-44.51	219.84
ADELAIDE	-34.60	138.40	-44.53	212.67
BEVERIDGE	-37.29	144.59	-46.46	220.30
ASPENDALE	-38.02	145.07	-47.11	221.02
LAUDER	-45.05	169.67	-49.97	250.53
HOBART	-42.90	147.20	-51.63	224.81
SOYA SHIP	COORDINATES VARIABLE			
KERGUELEN	-49.35	70.22	-57.39	128.56
MACQUARIE IS	-54.50	159.00	-60.98	243.64
SANAE	-70.30	357.60	-63.71	44.50
SYOWA BASE	-69.00	39.60	-69.75	78.17
CAPE EVANS	-77.63	205.42	-72.48	314.83
MAWSON	-67.60	62.90	-73.17	103.54
MIRNY	-66.55	93.00	-77.05	147.67
MCMURDO	-77.85	166.70	-78.92	294.48

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