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Seismograph Station Codes and Coordinates  
1985 Edition

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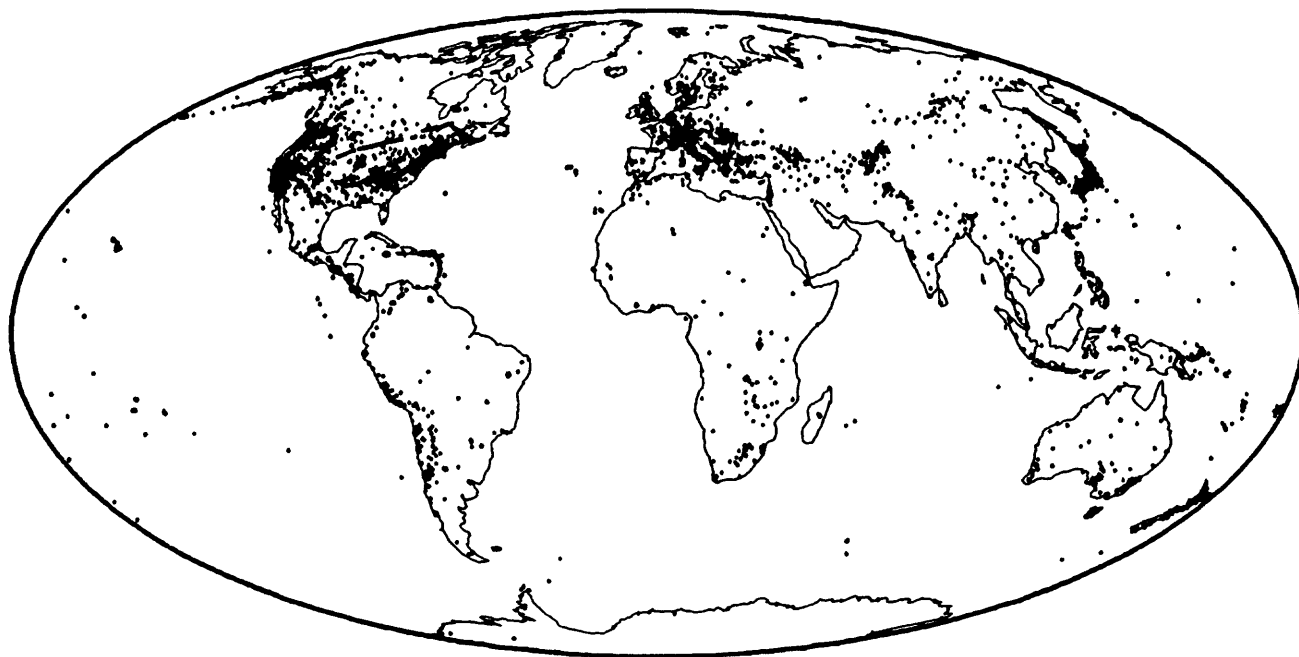
by

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This report is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

**SEISMOGRAPH STATION CODES AND COORDINATES**  
**1985 EDITION**

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This publication contains information about all stations shown on this map.

## Introduction

Approximately 100 years ago the first seismological observatories began making timed recordings of ground motion on a routine basis. Since that time, the number of stations has increased dramatically into the thousands, which has led to the necessity for indexing and cataloging these stations. This publication contains the latest listing of all seismograph stations in the world for which the United States Geological Survey, National Earthquake Information Center (NEIC/NEIS) has assigned an international code, in cooperation with the International Seismological Centre (ISC) in the United Kingdom. This publication is an update of U.S. Geological Survey Circular 791, *Seismograph Station Codes and Characteristics*, by Barbara B. Poppe, Debbi A. Naab and John S. Derr, which was published in 1978. This new edition contains information for more than 7,000 codes, including over 3,300 completely new entries. Additional and corrected information has been entered for approximately 3,000 of the old codes, primarily dates of operation and network affiliation. New features of this edition include the listing of local, forbidden, reserved and unreported codes (see Code Assignment and Status below), a listing of the stations grouped according to network affiliation, and regional maps showing the distribution of stations contributing data to NEIC.

## Background

The earliest catalogs, such as a 1908 publication of the Bureau Central de l'Association Internationale de Séismologie (BCIS), listed all the stations operating in the world at the time; nearly 200 existed then, referred to by name and country. By 1931, in a second edition of the Bulletin of the (U.S.) National Research Council's *List of Seismological Stations of the World*, McComb and West listed 350 stations operating world-wide. By 1960, the U.S. Coast and Geodetic Survey (USC&GS) had adapted the station data for use on the computer and thus assigned three-letter codes to the stations from which they had received data. This informal code system became recognized as a valuable tool and began being used outside of the USC&GS. Consequently, the USC&GS published its list of station codes in 1962, followed by several revisions and addenda. The task of assigning codes was carried to the U.S. Geological Survey (USGS) in 1972, when the responsibility for seismological activities within the U.S. government was reassigned to the USGS.

The NEIC now maintains this list as an integral part of its work which is, among other things, to locate rapidly all events that are accurately recorded by a sufficient number of stations (4 stations when the depth is restrained or 5 stations when the depth is unrestrained). Currently, about 12,000 earthquakes per year are located and published in NEIC publications. Particular emphasis is given to earthquakes throughout the world which have a magnitude 6.5 or greater, or have caused casualties or substantial damage, as well as earthquakes which have been felt within the United States. These events are located very rapidly with the aid of a telemetry network of approximately 110 stations recorded in Golden, Colorado (see figure 30). An earthquake notification service is always in operation so that any major event in the United States or the world can be located within 1 to 3 hours of its occurrence. This service makes use of the telemetered network

and any data that are received quickly by telephone or other telecommunications media. Any arrival-time data that are received at the NEIC are used for locating events as long as proper identification of a station is established. The information contained in this publication for each station comprises the essential details required.

## Code Assignment and Status

Once the NEIC is informed that a new station has been established or is planned to be installed in the near future, a unique three- or four-character international code is assigned, and registered by both the NEIC and ISC. There are several code restrictions. Codes must begin with a letter, but the remaining characters may be any combination of alphanumeric symbols. Codes with letter-number-letter combinations (such as D2A) or containing non-alphanumeric characters (such as AB- or -AØMA) have been accepted in the past, but are strongly discouraged because of the problems they cause for computer programs designed to parse telegraphic data streams. In addition, codes which are the same as phase arrival designations (such as PKP); are identical to keywords used in the *International Telegraphic Format for Seismic Data Exchange* (such as VEL or STOP); or which would interfere with telegraphic exchange of the data (such as NNNN) are discouraged. Most of these codes which have not yet been assigned to a station are listed as *forbidden* (status code F) in the tables which follow. Stations which have codes that are identical to phase arrival designations or telegraphic format keywords should prefix the station code with a colon when sending data telegraphically. For example, an operator sending data telegraphically for station SSS should send the station code as :SSS. This allows telegraphic parsers used by both NEIC and ISC to identify this correctly as a station code, rather than a phase arrival code. In addition, certain network codes (such as MNLO) have been listed as forbidden. These codes would only be assigned to a station operated by that network.

If a code is suggested by the station operator which meets the restrictions above, that code is assigned if it is available. If no code is requested by the operator, NEIC will assign an available code which has some mnemonic relation to the station name and/or region or network. For example, GLD is assigned to Golden, Colorado; SPA is assigned to South Pole, Antarctica; and CHTO is assigned to Chiang Mai, Thailand Seismic Research Observatory (SRO). Frequently, networks which operate a large number of stations assign their own local codes to stations in their network. In general, if this local code is available, NEIC will also assign it as the international code for that station. If it is not available, a different international code will be assigned and the local code will be listed as a comment. With codes assigned recently, the international code is, whenever possible, derived by appending a fourth character representing the region or network to a three-character local code. It is **strongly recommended** that international codes be used when data are transmitted to international organizations such as NEIC, ISC or the European-Mediterranean Seismological Centre (CSEM/EMSC). As a cross-reference, local codes are shown in parentheses in Table 1.

Because of the need for accurate station positions for hypocenter location programs, a new international code is assigned if a station is moved more than 1 km from the previous

location. If the move is less than 1 km, a new code will be assigned if requested by the operator. Because of its importance for relocation studies of historic earthquakes, it is requested that operators notify international centers whenever a station is moved. It is also important to know the date that the move occurred. An attempt has been made in this publication to indicate that a station has been moved without having a new station code assigned by including a comment in Table 1. However, because of time restraints, it was not possible to conduct an exhaustive search of historic station locations to ensure that all stations which have moved have a comment stating that fact in Table 1. It was also not possible at this time to include the old positions for these stations in the tables. It is planned that this type of information will be included in the next edition of this publication. If a new station position is obtained because of a more accurate survey, without the station being physically relocated, the coordinates will be changed in the station record, but a new code will **not** be assigned.

Once an international code is assigned, the code is listed as *reserved* (status code R) until data are received by NEIC for that station. A reserved code will be deleted if the station is never installed. It may be deleted if the station is closed without ever sending data to an international center **and** the records are not retained or reasonably available for research purposes. Special caution should be exercised when using data listed for reserved codes. Frequently the coordinates listed are extremely preliminary, and in many cases no coordinates are available at all. The station may not, in fact, exist at the present time, but is simply planned for the future. Because of the preliminary nature of these codes, they were never before listed in station abbreviation books, even though they have been used internally by NEIC for many years. They have been listed in this edition because station operators have occasionally suggested codes based on what has been published in previous lists only to find that their suggestion has already been reserved for another station.

Once data are received by NEIC, or it is known that data have been sent to ISC, the station is listed as *open*. Once a station code is opened, its code will remain in the files permanently and will never (intentionally) be reassigned to another station. Unfortunately, in a few cases data inadvertently have been published by international centers using the same code for two different stations. Once this has been discovered, one of the codes has been appended with an asterisk (\*) to correct the problem but retain the information for historical purposes. Occasionally, data from the **same** station have been assigned two (or more) international codes. In this case, the additional codes are listed as *Alternate Abbreviations* in Table 1, and cross-referenced to the primary international code.

When a station is known to have ceased operation, or a new code is assigned because the station was moved, the code status is changed to *closed* or *unreported*. It will be listed as closed (status code C) if the station had previously been listed as open, and will be listed as unreported (status code U) if the code had previously been listed as reserved. A code listed as closed remains a **permanent entry** and will not be reassigned to another station. A code listed as unreported will be reassigned only under the same circumstances described above for reserved codes. A code remains listed as *open* until NEIC or ISC have received definite information that the station has ceased operation. In general, a station is not considered closed simply because of relatively temporary instrument failures or similar interruptions which may prevent recording of data and/or transmission of data

to international centers.

## Station Names and Geographic Regions

Throughout this publication, geographic names or their spellings and country boundaries shown on the maps do not necessarily reflect recognition of the political status of an area by the United States Government.

Stations which are named for non-geographic entities such as the names of people or organizations are spelled as registered by the operator. Whenever possible, stations which are named for geographic places are spelled according to the official standard spellings recognized by the U.S. Board of Geographic Names, for both foreign and domestic names. The major exception to this is that at the time of preparation of the tables in this book, it was not possible to incorporate diacritical marks into the station and geographic region names. Because of this, the standard name is spelled without diacritical marks (such as Quebec, instead of Québec), or a non-standard name is substituted (such as Graefenberg, instead of Gräfenberg). Diacritical marks are now being entered routinely into the NEIC station file, and it is intended that future editions of this publication will use standard names with diacritical marks throughout the tables.

In addition to the primary station name, alternate names are listed in parentheses in Table 1 (and generally in Tables 3 and 4 as well), and are listed as separate entities in Table 2 (see Description of Tables below). Alternate names are listed for three reasons: when the geographic locality has undergone a name change, for old stations which were listed in historical station lists by a non-standard name prior to the assignment of international codes, and when the geographic locality has a generally-recognized conventional name. For the second case, the alternate name is retained even if it is unapproved, misleading or spelled incorrectly. One example of this is that the name Hatidyozima, though approved by no one, is still retained for station HJJ because it was spelled that way in pre-code station lists.

When a geographic entity has had its name changed, the primary station name listed in the tables represents the **current** name, not necessarily the name used at the time the station operated. Thus, for example, station code ELI in Zaïre is listed with the primary name Lubumbashi, and the alternate name Elizabethville. This has been done so that the user can more readily find the place on a current map. Although an attempt has been made to keep all names as up-to-date as possible, an exhaustive check has not been made for all stations to be certain that the current or most correct standard name is listed.

The geographic regions which are used in all tables are assigned using the same scheme of regionalization developed by the ISC for their station listings, with a few additions and modifications. The basic scheme is that a particular geographic area is described by continent or ocean region, then by country, region and finally subregion. Countries are divided into regions and subregions only when the number of stations is determined to be sufficiently large that further breakdown is useful. In some cases, a large region with relatively few stations is subdivided simply because of the size of the area. As with station names, the geographic regions are spelled, as much as possible, in accordance with the

official standard spellings of the U.S. Board of Geographic Names. Subregions are not listed on Tables 2 and 4, and the continent or ocean designation is only listed on Table 3. (see Description of Tables below).

### Description of Tables

Table 1 is a listing of codes, station names, locations and general information about each entry in the station file. The file is listed alphabetically by station code, according to ASCII sort order. This means that non-alphanumeric characters are listed first, numbers are listed next, and alphabetic characters are listed last. Thus code AD- appears before AD1, which in turn appears before ADA. However, code ABJ would appear before both ABJ1 and ABJA, since a blank is significant in the sorting order and, in fact, is sorted ahead of all other printable characters. Local codes and alternate abbreviations are listed in sorted order with the primary international codes. Local codes are shown in parentheses, and always **follow** the primary code which contains the same characters.

Two single-character codes appear in columns between the station code and its name. The first column is the status code, which is either **F** for *forbidden*, **R** for *reserved*, **C** for *closed*, **U** for *unreported*, or no symbol for *open*. The meanings of these codes have been described previously. The second column contains a **D** if the station is known to have digital recording. Otherwise, this column is blank.

The next column contains the station name, its geographic region, and up to two lines of comments. The most common types of comments are dates of operation for the station, dates of operation for special instruments at the station, and information about local codes used for that station. To conserve space, all dates in the comments are given as single integers in year-month-day format. If the specific day, or month and day, are not known, no number is given for those fields. The dates given for special instrumentation is not necessarily the dates of operation for the entire station. For example, the comments for station code HLW (Helwan, Egypt) are:

opened 189909. WWSS opened 19620618.  
records available since 1907.

This indicates that the Helwan station began recording in September, 1899, and that Worldwide Standard Seismograph Network instruments began recording at that site on June 18, 1962. The second line indicates the availability of records for research purposes. As a second example, the comments for station ALQ (one of several codes assigned to various sites at Albuquerque, New Mexico) are:

WWSS opened 19611117. HGLP 197209-197807.  
DWSS 19810302-19820731.

This indicates that WWSSN equipment began operation at this site on November 17, 1961. Since no separate opening date is given, it may be inferred that either operation commenced with that instrumentation (as is the case here), or else this information is not known. High-Gain Long Period Network instrumentation operated at this site from September, 1972 to July, 1978, and Digital Worldwide Standard Station Network instrumentation operated between March 2, 1981 and July 31, 1982. Since no closing date is listed for either the

station or the WWSS equipment, again it may be inferred that the WWSS equipment and/or other equipment is still operating at the site (which again is the case here), or that this information is not known.

The geographic latitude, longitude and elevation above sea level are listed in the next three columns. Latitudes and longitudes are given in both degrees-minutes-seconds and decimal degrees formats. Elevations are given in meters. A rudimentary attempt has been made to show precision in the listing of these parameters; if the elevation is not given, or the seconds (or minutes and seconds) for **both** latitude and longitude are zero, these values are replaced with leaders (dots). No attempt has been made to indicate proper precision for the decimal degree values which are listed. Unfortunately, reported precision is not stored directly in the current station file database. It is hoped that this limitation can be corrected in the future so that succeeding editions of this book will be able to list precision in a more elegant manner.

The final columns show network affiliations for each station. The first network column shows the network code for the organization which actually operates the station. Organizations which report data for other stations outside their own network are not listed here, but are shown in the comments and in Table 4. The remaining columns show affiliation to special networks such as WWSSN, International Deployment of Accelerometers (IDA) Network, or the U.S. Telemetered Network (USTN). Network codes are either the station code of the primary station of the network (such as SLC for the University of Utah, Salt Lake City), or else a separate network code which is listed in Table 1 as a forbidden code (such as JMA for the Japan Meteorological Agency, Tokyo). These codes are forbidden simply to prevent their assignment to another station outside that network.

Table 2 is a listing of station names and codes listed alphabetically according to station name. Again, the sort is according to ASCII order. Alternate names are listed as separate entries from their primary names and are included in sorted order in the list. The geographic region, excluding subregion, is listed for each code and status codes are shown in parentheses following the region. Stations which have the same name are alphabetized according to station code, **not** according to region. Thus Berlin, New York (code BERL) is listed ahead of Berlin, New Hampshire (code BNH). Alternate abbreviations, forbidden codes, local codes, and codes without names are not shown in this table.

Table 3 is a list of stations grouped according to geographic region. These codes are sorted (ASCII sort order) first by continent, then country, region and subregion, and finally by station code. Thus station SLR (Silverton, South Africa) is listed under

AFRICA  
SOUTH AFRICA  
Transvaal

Certain island groups are listed under the ocean region and their country of sovereignty. Therefore, Hawaii is listed as both a state of the U.S.A. and an island chain in the Pacific Ocean. Status codes are shown ahead of the station codes, and operating network codes are shown in parentheses following the station names. Forbidden codes, local codes and codes with unknown regions are not shown in this table.

Table 4 is a listing of stations grouped according to network affiliations. This table



consists of two parts. The first part contains stations grouped by operating network (corresponding to the first network column in Table 1). The second part shows stations grouped according to the special networks shown in the other network columns of Table 1. In the first part of the table, networks are grouped alphabetically (ASCII order) by country of the network, then by network code within that country. Continents are not separated in this listing, so that networks with headquarters in Algeria are listed directly after networks with headquarters in Albania. A brief description of the name and location of the network is given just above the designated network code. Within each network, codes are sorted by geographic region (subregions are ignored), and finally by the station code itself. The same sort is followed for the special networks with the exception that no headquarters country is listed, since these networks in general show common instrumentation or special common purpose rather than specific ownership. If a station is not operated by a particular network, but is the primary or secondary route for transmission of data from that station to NEIC, the station will be listed with that network and shown with the symbols “+” and “#,” respectively, beside the station code. These alternate data paths are shown in Table 1 by comments such as “Sent to NEIS by TRN” and “Also sent to NEIS by TRN.” Station name and status code is also shown for each station in the list. Forbidden codes, alternate station codes, local codes and stations without network affiliations are not listed. In general, a network is not listed until that organization has operated at least four stations which have had international codes assigned. Since this is an entirely new listing for international station books, it is extremely likely that stations have been left out of networks or perhaps assigned to wrong networks. Corrections and additions from network operators will be greatly appreciated.

Note that throughout all tables and maps in this publication, the number **zero** is shown by the symbol  $\emptyset$  and the letter “oh” is shown by the symbol **O**.

## Description of Station Maps

The maps which follow Table 4 are intended to show graphically the distribution of stations and networks operating in the various regions of the world which are contributing data to NEIC for inclusion in the rapid epicenter publications. Only stations with status code *open* have been included in the regional maps. The plotted symbol for each station is keyed to the operating network. Using plotting routines available at the time of publication, it was not feasible to label the station codes on the maps, but it is hoped that this can be included in a future edition of this book. Stations without coordinates have not been plotted.

In addition to the regional maps, several additional maps show the global distribution of some of the various special networks, and the distribution of stations known to have digital recording.

## Reporting Corrections and Additions

Reasonable care has been taken in the preparation of this book to ensure that the

information given is as accurate and complete as possible. However, because of the volume of data involved and the fact that station operations are constantly changing, it is certain that there are errors and omissions in the tables and maps. Therefore, each station and network operator is encouraged to check the information for their stations and to report any corrections and additions to the NEIC. Information is especially needed about stations which have closed and about changes in coordinates, network affiliations and dates of operation. To encourage this additional information, several station report forms have been included in the back of this book. These may be removed and sent to NEIC with the appropriate information shown. If they wish, station operators are encouraged to make photocopies of these forms for their own use and for reporting additional stations to international centers.

### **Glossary of Abbreviations Used in Tables**

Cap.	Capital
Dem.	Democratic
Eng.	Engineering
Fed.	Federal
Inst.	Institute
Int'l.	International
Nat.	National
Rep.	Republic
R.S.F.S.R.	Russian Soviet Federated Socialist Republic
S.S.R.	Soviet Socialist Republic
Terr.	Territory
U.S.A.	United States of America
U.S.S.R.	Union of Soviet Socialist Republics

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
-AOMA	C Subarray A0 LASA ..... Montana, U.S.A.	46 41 19.0 N (46.6886)	106 13 20.0 W (106.2222)	897.0	LRSB
A10	Crater ..... Costa Rica opened 19750713.	10 27 40.0 N (10.4611)	84 42 56.0 W ( 84.7156)	830.0	ICRE
AA-IS	C Atka ..... Aleutian Islands, Alaska, U.S.A. 19670712-19670908	52 12 42.0 N (52.2117)	174 12 13.0 W (174.2036)	6.0	LRSB
AAA	Alma-Ata ..... Kazakh S.S.R., U.S.S.R.	43 16 18.0 N (43.2717)	76 56 48.0 E ( 76.9467)	800.0	MOS
AAB	(Alternate Abbreviation for TLG)				
AAC	C Aachen ..... Nordrhein-Westfalen, Fed. Rep. of Germany	50 47 .. N (50.7833)	6 05 .. E ( 6.0833)	179.0	
AAE	Addis Ababa ..... Ethiopia opened 195903. WWSS opened 19620611.	9 01 45.0 N ( 9.0292)	38 45 56.0 E ( 38.7656)	2442.0	WWSS
AAI	Amban ..... Maluku, Indonesia opened 1975.	3 41 13.2 S ( 3.6870)	128 11 40.2 E (128.1945)	80.0	DJA
AAM	Ann Arbor ..... Michigan, U.S.A. opened 1940. WWSS opened 19621008.	42 17 59.0 N (42.2997)	83 39 22.0 W ( 83.6561)	249.0	AAM WWSS
AAR	C Sfinto Ana ..... Romania opened 1982.	46 08 00.0 N (46.1333)	25 53 42.0 E ( 25.8950)	1101.0	BUC
(AAR)	see international code AARM				
AARM	Airport Road ..... Nevada County, California, U.S.A. opened 19760720. MNLO code AAR.	39 16 34.3 N (39.2762)	121 01 31.8 W (121.0255)	930.0	MNLO
AAS	Arctowski Station ..... South Shetland Islands, Antarctica opened 197804.	62 09 36.0 S (62.1600)	58 27 45.0 W ( 58.4625)	15.0	WAR
AAU	C Alta ..... Salt Lake County, Utah, U.S.A. 197411-197604. (Alternate Abbreviation for AB-WV)	40 35 31.0 N (40.5919)	111 38 18.0 W (111.6383)	2694.0	SLC
AB-WV	C Amboy ..... West Virginia, U.S.A.	39 19 50.0 N (39.3306)	79 34 01.0 W ( 79.5669)	914.0	LRSB
ABA	Alger-Bauzareah ..... Algeria (36.8011) ( 3.0350)	36 48 04.0 N (36.8011)	3 02 06.0 E ( 3.0350)	332.0	ALG
ABB	R Abborrasen ..... Sweden opened 198001	57 50 42.0 N (57.8450)	12 47 09.6 E ( 12.7860)	239.0	HFS
ABC	C Abeche ..... Chad 1965-196806	13 49 38.0 N (13.8272)	20 50 40.0 E ( 20.8444)	550.0	PAL
ABE	Aberdeen ..... Scotland, United Kingdom	57 10 .. N (57.1667)	2 06 .. W ( 2.1000)	12.0	
ABF	Auke Bay ..... Southeastern Alaska, Alaska, U.S.A. opened 19801027.	58 22 52.8 N (58.3813)	134 38 36.0 W (134.6433)	3.0	AGS
ABG	R Abington ..... Pennsylvania, U.S.A. opened 1975.	40 07 .. N (40.1167)	75 08 .. W ( 75.1333)	...	SCP
(ABH)	see international code AVH				
ABJ	Aboshiri ..... Aboshiri, Hokkaido, Japan (44.0167) (144.2833)	44 01 .. N (44.0167)	144 17 .. E (144.2833)	39.0	JMA
(ABJ)	see international code ABJM				
ABJM	Bob Jauregui Ranch ..... Nevada County, California, U.S.A. opened 19760727. MNLO code ABJ.	39 09 55.1 N (39.1653)	121 11 28.3 W (121.1912)	457.0	MNLO
ABK	C Abisko ..... Sweden (68.3417) ( 18.8167)	68 20 30.0 N (68.3417)	18 49 00.0 E ( 18.8167)	385.0	
ABL	D Mount Abel ..... Kern County, California, U.S.A. opened 197606.	34 51 02.9 N (34.8508)	119 13 14.9 W (119.2208)	1981.0	PAS
ABMC	Merrill Creek ..... New Jersey, U.S.A. (40.6860) ( 75.0540)	40 41 09.6 N (40.6860)	75 03 14.4 W ( 75.0540)	170.0	BLMY
ABN	Auburn ..... Nebraska, U.S.A. opened 19771118.	40 23 28.0 N (40.3911)	95 51 02.0 W ( 95.8506)	294.0	
ABP	C Abra de Ilog ..... Mindoro, Philippines closed 19770522.	13 26 38.4 N (13.4440)	120 43 37.8 E (120.7272)	...	MAN
ABO	Albuquerque ..... New Mexico, U.S.A. opened 19740101.	34 56 33.0 N (34.9425)	106 27 27.0 W (106.4575)	1849.0	NEIS
(ABR)	see international code ABRM				
ABRM	Brrophy Road ..... Yuba County, California, U.S.A. opened 19770214. MNLO code ABR.	39 08 06.7 N (39.1352)	121 29 12.5 W (121.4868)	24.0	MNLO
ABRN	Auburn ..... New York, U.S.A. (42.9963) ( 76.4853)	42 59 46.8 N (42.9963)	76 29 07.2 W ( 76.4853)	224.0	BLMY
ABS	Abastumani ..... Georgian S.S.R., U.S.S.R. (41.7500) ( 42.8333)	41 45 .. N (41.7500)	42 50 .. E ( 42.8333)	...	TIF
ABTN	Auburntown ..... Tennessee, U.S.A. Opened 1984.	35 53 07.8 N (35.8855)	86 06 32.4 W ( 86.1090)	363.0	TVA

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
ABU	Abuyama ..... Osaka, Honshu, Japan opened 19660708; moved 19750411.	34 51 37.0 N (34.8603)	135 34 26.0 E (135.5739)	200.0	KYT
ABV	Anegado ..... Virgin Islands opened 197503.	18 43 55.2 N (18.7320)	64 20 13.2 W ( 64.3370)	3.0	PAL
AC-IS	C Amchitka ..... Aleutian Islands, Alaska, U.S.A. 19670706-19670910	51 23 22.0 N (51.3894)	179 20 33.0 E (179.3425)	61.0	LRSM
ACA	C Amchitka Central A ..... Aleutian Islands, Alaska, U.S.A. 19710508-19721211.	51 28 51.4 N (51.4809)	179 07 09.6 E (179.1193)	42.0	USGS
ACB	C Amchitka Central B ..... Aleutian Islands, Alaska, U.S.A. 19710508-19720630.	51 27 45.4 N (51.4626)	179 05 27.3 E (179.0909)	47.0	USGS
ACC	C Amchitka Central C ..... Aleutian Islands, Alaska, U.S.A. 19710508-19720630.	51 29 03.4 N (51.4843)	179 02 35.2 E (179.0431)	26.0	USGS
ACD	C Amchitka Central D ..... Aleutian Islands, Alaska, U.S.A. 19710508-19720630.	51 25 41.4 N (51.4282)	179 08 11.8 E (179.1366)	37.0	USGS
ACE	C Amchitka Central E ..... Aleutian Islands, Alaska, U.S.A. 19710508-19720630.	51 24 01.8 N (51.4005)	179 10 21.9 E (179.1728)	9.0	USGS
ACF	C Amchitka Central F ..... Aleutian Islands, Alaska, U.S.A. 19710508-19720630.	51 31 32.7 N (51.5257)	178 59 38.9 E (178.9941)	62.0	USGS
ACI	Arcavacata ..... Colabrio, Italy opened 19760518.	39 21 03.0 N (39.3508)	16 12 11.0 E ( 16.2031)	300.0	ACI
ACK	R Alder Creek ..... Western Alaska, Alaska, U.S.A.	65 57 15.0 N (65.9542)	162 11 20.4 W (162.1890)	377.0	GIA
ACL	Alicudi ..... Lipari Islands, Italy	38 31 59.0 N (38.5331)	14 21 20.0 E ( 14.3556)	140.0	LLI
ACM	Allegon ..... Michigan, U.S.A.	42 38 51.0 N (42.6475)	85 51 06.0 W ( 85.8517)	268.0	AAM
ACO	Alabaster Cavern State Park ..... Oklahoma, U.S.A. opened 19770622.	36 41 54.8 N (36.6986)	99 08 45.9 W ( 99.1461)	521.0	TUL
ACR	Cerro Adams ..... Costa Rica Also sent to NEIS by ICRE.	8 38 55.8 N ( 8.6488)	83 10 13.8 W ( 83.1705)	100.0	SJR
ACU	..... Spain	...	...	...	MDD
ACX	D Acapulco ..... Guerrero, Mexico Also sent to NEIS by UNM.	16 52 10.0 N (16.8694)	99 51 30.0 W ( 99.8583)	300.0	MEX
ACY	Acayapa ..... Nicaragua opened 1975.	11 59 51.6 N (11.9977)	85 13 30.6 W ( 85.2252)	400.0	APY
AD-	(Alternate Abbreviation for AD-IS)				
AD-IS	C Adak Island ..... Aleutian Islands, Alaska, U.S.A. 19640724-19660322	51 52 30.0 N (51.8750)	176 40 45.0 W (176.6792)	61.0	LRSM
AD1	Great Sitkin ..... Aleutian Islands, Alaska, U.S.A. opened 1974.	52 01 24.0 N (52.0233)	176 09 06.0 W (176.1517)	244.0	BOU
AD2	Umak ..... Aleutian Islands, Alaska, U.S.A. opened 1974.	51 54 12.0 N (51.9033)	176 01 06.0 W (176.0183)	381.0	BOU
AD3	Kagalaska ..... Aleutian Islands, Alaska, U.S.A. opened 1974.	51 44 34.0 N (51.7428)	176 21 25.0 W (176.3569)	198.0	BOU
AD4	Hidden Bay ..... Aleutian Islands, Alaska, U.S.A. opened 1974.	51 41 55.0 N (51.6986)	176 37 57.0 W (176.6325)	213.0	BOU
AD5	Yakak ..... Aleutian Islands, Alaska, U.S.A. opened 1974.	51 37 44.0 N (51.6289)	176 55 31.0 W (176.9253)	152.0	BOU
AD6	South Kanaga ..... Aleutian Islands, Alaska, U.S.A. opened 1974.	51 42 30.0 N (51.7083)	177 14 30.0 W (177.2417)	137.0	BOU
AD7	North Kanaga ..... Aleutian Islands, Alaska, U.S.A. opened 1974.	51 54 00.0 N (51.9000)	177 05 24.0 W (177.0900)	244.0	BOU
AD8	Adagdak ..... Aleutian Islands, Alaska, U.S.A. opened 1974.	51 58 50.0 N (51.9806)	176 36 01.0 W (176.6003)	259.0	BOU
ADA	C Adak (Finger Bay) ..... Aleutian Islands, Alaska, U.S.A. 194907-195404.	51 51 48.0 N (51.8633)	176 39 18.0 W (176.6550)	...	USGS
ADC	Auburn Dam (Forest Hill Divide) ..... Placer County, California, U.S.A. opened 197202. MNLO code AFD.	38 56 46.0 N (38.9461)	120 58 06.0 W (120.9683)	522.0	MNLO
ADE	Adelaide (Mount Bonython) ..... South Australia, Australia opened 195806. WWSS opened 19620524.	34 58 01.0 S (34.9669)	138 42 32.0 E (138.7089)	655.0	ADE WWSS
ADH	Angra do Heroismo ..... Azores, Portugal	38 39 18.0 N (38.6550)	27 14 06.0 W ( 27.2350)	83.0	PDA

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
ADI	Adamit ..... Israel opened 198307.	33 04 44.0 N (33.0789)	35 13 30.0 E ( 35.2250)	460.0	JER
ADK	Adak ..... Aleutian Islands, Alaska, U.S.A. opened 196601.	51 53 01.4 N (51.8837)	176 41 04.0 W (176.6844)	116.0	PMR USTN
ADL	D Adelanto ..... San Bernardino County, California, U.S.A. opened 197502.	34 33 22.8 N (34.5563)	117 25 01.2 W (117.4170)	900.0	PAS
ADM	C NRDS ..... Nevada, U.S.A. 1965-1970.	36 46 10.9 N (36.7697)	116 17 07.1 W (116.2853)	1033.0	USGS
ADN	C Adams ..... New York, U.S.A. 19741124-19770727.	43 50 00.0 N (43.8333)	76 07 10.8 W ( 76.1197)	137.0	PAL
ADR	Anderson Reservoir ..... Santa Clara County, California, U.S.A. opened 19670825. MNLO code CAD.	37 09 44.4 N (37.1623)	121 37 27.0 W (121.6242)	244.0	MNLO
ADT	R Adana ..... Turkey Opened 197912.	37 03 49.7 N (37.0638)	35 21 18.0 E ( 35.3550)	150.0	
(ADW)	see international code ADWM				
ADWM	Drytown Water District ..... Amador County, California, U.S.A. opened 19760721. MNLO code ADW.	38 26 21.1 N (38.4392)	120 50 53.5 W (120.8482)	251.0	MNLO
AE-	(Alternate Abbreviation for AE-NC)				
AE-NC	C Albemarle ..... North Carolina, U.S.A. 19661216-19661220; 19680119-19680119	35 26 01.0 N (35.4336)	80 03 35.0 W ( 80.0597)	183.0	LRSB
AEB	C Amchitka ..... Aleutian Islands, Alaska, U.S.A.	51 21 37.6 N (51.3604)	179 14 50.7 E (179.2474)	...	
AFC	Alfacar ..... Spain Moved 19800701.	37 15 15.0 N (37.2542)	3 32 38.0 W ( 3.5439)	1515.0	MDD
(AFD)	see international code ADC				
AFDM	(Alternate Abbreviation for ADC)				
(AFH)	see international code AFHM				
AFHM	Forest Hill Site ..... Placer County, California, U.S.A. opened 19760720. MNLO code AFH.	39 02 30.5 N (39.0418)	120 47 28.7 W (120.7913)	1064.0	MNLO
AFI	D Afiamalu ..... Samoa Islands opened 1957. WWSS opened 19621101. DWSS opened 19810515.	13 54 34.0 S (13.9094)	171 46 38.0 W (171.7772)	706.0	WEL DWSS WWSS
AFR	D Afareaitu ..... Society Islands, French Polynesia see international code AFRM	17 32 18.0 S (17.5383)	149 46 40.0 W (149.7778)	50.0	PPT
(AFR)	see international code AFRM				
AFRM	Fiddymont Ranch ..... Placer County, California, U.S.A. opened 19761202. MNLO code AFR.	38 47 32.3 N (38.7923)	121 20 54.6 W (121.3485)	31.0	MNLO
AG-	(Alternate Abbreviation for AG-ME)				
AG-ME	C Augusta ..... Maine, U.S.A.	44 22 22.0 N (44.3728)	69 39 46.0 W ( 69.6628)	152.0	LRSB
AGA	Aqualva ..... Azores, Portugal opened 198106.	38 47 04.1 N (38.7845)	27 10 23.5 W ( 27.1732)	80.0	PDA
(AGA)	see international code AGAM				
(AGA)	see international code AGAS				
AGAM	Agassiz Lake ..... Southeastern Alaska, Alaska, U.S.A. AGS code AGA.	60 09 15.0 N (60.1542)	141 02 00.0 W (141.0333)	1024.0	AGS
AGAS	R Argan-Ata ..... Turkmen S.S.R., U.S.S.R. MOS code AGA.	40 00 .. N (40.0000)	61 54 .. E ( 61.9000)	...	MOSR
AGC	Angel Island ..... Marin County, California, U.S.A. opened 19690808. MNLO code CAL.	37 51 40.8 N (37.8613)	122 25 46.2 W (122.4295)	223.0	MNLO
AGE	C Aenahambo ..... New Guinea, Papua New Guinea 196308-1972.	8 48 49.0 S ( 8.8136)	148 05 56.0 E (148.0989)	303.0	RAB
AGI	C Augustine Island ..... Western Alaska, Alaska, U.S.A. 197108-197601.	59 22 48.0 N (59.3800)	153 25 12.0 W (153.4200)	580.0	GIA
(AGI)	see international code AGIM				
AGIM	Gold Rush Inn ..... El Dorado County, California, U.S.A. opened 19760128. MNLO code AGI.	38 50 40.9 N (38.8447)	120 58 52.7 W (120.9813)	305.0	MNLO
AGL	Agalyk ..... Uzbek S.S.R., U.S.S.R.	39 54 .. N (39.9000)	66 54 .. E ( 66.9000)	...	MOSR
AGM	Allagash ..... Maine, U.S.A. opened 197511.	47 04 54.0 N (47.0817)	69 01 24.0 W ( 69.0233)	238.0	WES
AGN	R Agin ..... Turkey opened 19730920.	38 56 57.0 N (38.9492)	38 42 55.0 E ( 38.7153)	914.0	ISK
AGR	C Agra ..... Uttar Pradesh, India closed 1962?	27 08 .. N (27.1333)	78 01 .. E ( 78.0167)	163.0	NDI
AGS	F USGS Alaska Seismic Project, Menlo Park				

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
AGT	Agartala ..... Tripura, India	23 53 .. N (23.8833)	91 15 .. E ( 91.2500)	17.0	NDI
AHA	Ahuo ..... Hawaii, Hawaii, U.S.A. opened 1958. HVO code AHU.	19 22 24.0 N (19.3733)	155 15 54.0 W (155.2650)	1070.0	HVO
AHDM	R Hacienda Drive ..... Nevada County, California, U.S.A. opened 19761028.	39 02 53.9 N (39.0483)	121 04 35.4 W (121.0765)	483.0	MNLO
(AHR)	see international code AHRM				
AHRM	Harold F. Rass ..... El Dorado County, California, U.S.A. opened 19760129. MNLO code AHR.	38 51 15.5 N (38.8543)	121 04 13.8 W (121.0705)	354.0	MNLO
AHS	C Asarigawa Hot Spring ..... Shiribeshi, Hokkaido, Japan 19740420-19741210.	43 08 02.0 N (43.1339)	141 02 45.7 E (141.0460)	170.0	HSS
AHU	Ahuachapan ..... El Salvador	13 55 18.0 N (13.9217)	89 50 45.0 W ( 89.8458)	...	SSS
(AHU)	see international code AHA				
AI-	(Alternate Abbreviation for AI-NB)				
AI-NB	C Alliance ..... Nebraska, U.S.A. 19621107-19621212.	42 07 58.0 N (42.1328)	103 16 35.0 W (103.2764)	1311.0	LRSN
AIA	Argentine Island ..... Antarctic Peninsula, Antarctica (65.2500)	65 15 .. S ( 65.2500)	64 16 .. W ( 64.2667)	11.0	
AIB	R Aibetsu ..... Kamikawa, Hokkaido, Japan	43 54 24.2 N (43.9067)	142 38 46.0 E (142.6461)	260.0	HSS
AIC	D Anacapa Island ..... Ventura County, California, U.S.A. opened 19730223. PAS code SBAI.	34 00 48.0 N (34.0133)	119 26 13.8 W (119.4372)	113.0	PAS
AID	C Aizu (Inawashiro) ..... Fukushima, Hanshu, Japan	37 34 .. N (37.5667)	140 07 .. E (140.1167)	526.0	
AIK	Aikawa ..... Niigata, Hanshu, Japan moved 193909.	38 01 12.0 N (38.0200)	138 14 30.0 E (138.2417)	34.0	JMA
AIL	C Aileron ..... Martinique 19710301-1980?	14 48 03.6 N (14.8010)	61 06 28.8 W ( 61.1080)	879.0	FDF
AIN	Ainopa ..... Hawaii, Hawaii, U.S.A. opened 19730426.	19 22 30.0 N (19.3750)	155 27 37.2 W (155.4603)	1524.0	HVO
AIT	R Ait Ouada ..... Morocco opened 198006.	32 06 36.0 N (32.1100)	6 30 39.6 W ( 6.5110)	...	SPGM
AIUT	Southern Antelope Island ..... Davis County, Utah, U.S.A. opened 198304.	40 51 21.0 N (40.8558)	112 10 31.8 W (112.1755)	1334.0	SLC
AJI	Ajio ..... Shizuoka, Honshu, Japan	35 02 36.0 N (35.0433)	139 05 48.0 E (139.0967)	59.0	JMA
AJM	Ajmer ..... Rajasthan, India	26 16 48.0 N (26.2800)	74 23 24.0 E ( 74.3900)	...	NDI
AK-	(Alternate Abbreviation for AK-OK)				
AK-OK	C Atoka ..... Oklahoma, U.S.A. 19620617-19620628.	34 22 06.0 N (34.3683)	93 03 26.0 W ( 93.0572)	183.0	LRSN
AK0	C North Tanaga ..... Aleutian Islands, Alaska, U.S.A.	51 46 44.4 N (51.7790)	176 52 48.0 W (176.8800)	152.0	BOU
AK1	West Kanaga ..... Aleutian Islands, Alaska, U.S.A. opened 197610.	51 39 54.0 N (51.6650)	177 38 30.0 W (177.6417)	61.0	BOU
AK2	South Tanaga ..... Aleutian Islands, Alaska, U.S.A. opened 197610.	51 39 48.0 N (51.6633)	177 55 48.0 W (177.9300)	99.0	BOU
AK3	North Tanaga ..... Aleutian Islands, Alaska, U.S.A. opened 197610.	51 48 24.0 N (51.8067)	177 49 12.0 W (177.8200)	350.0	BOU
AK4	Babrof ..... Aleutian Islands, Alaska, U.S.A.	51 49 22.8 N (51.8230)	177 26 42.0 W (177.4450)	8.0	BOU
AK5	North Tanaga ..... Aleutian Islands, Alaska, U.S.A.	51 48 14.4 N (51.8040)	176 53 31.2 W (176.8920)	91.0	BOU
AKC	R Akcakoca ..... Turkey opened 197912.	40 01 27.8 N (40.0244)	31 10 50.9 E ( 31.1808)	150.0	
AKH	Akhalkalaki ..... Georgian S.S.R., U.S.S.R.	41 24 .. N (41.4000)	43 29 .. E ( 43.4833)	1720.0	TIF
AKI	Akita ..... Akita, Honshu, Japan moved 193906 and 195601.	39 43 06.0 N (39.7183)	140 06 06.0 E (140.1017)	10.0	JMA
AKK	RD Akkeshi ..... Kushiro, Hokkaido, Japan opened 19760701.	43 01 01.4 N (43.0171)	144 50 32.2 E (144.8423)	80.0	HSS
AKM	R Akama ..... Fukuoka, Kyushu, Japan opened 196804.	33 48 44.0 N (33.8122)	130 35 50.0 E (130.5972)	60.0	
AKT	R Akhty ..... Dagestanskaya ASSR, R.S.F.S.R., U.S.S.R.	41 30 .. N (41.5000)	47 48 .. E ( 47.8000)	...	MOSR
AKU	Akureyri ..... Iceland opened 19640731.	65 41 12.0 N (65.6867)	18 06 24.0 W ( 18.1067)	24.0	REY WWSS

## CODES

TABLE 1

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
AKY	R	Akyazi ..... Turkey opened 197901. (Alternate Abbreviation for AL-OK)	40 39 46.8 N (40.6630)	30 39 33.8 E ( 30.6594)	110.0	
AL- AL-OK	C	Antlers ..... Oklahoma, U.S.A. 19620704-19620711.	34 21 29.0 N (34.3581)	95 36 45.0 W ( 95.6125)	213.0	LRSN
ALA		Alamo ..... Nevada, U.S.A. 197101-197304.	37 14 30.0 N (37.2417)	115 06 54.0 W (115.1150)	...	USGS
(ALA)		see international code ALAM				
ALAM		Lotrobe ..... El Dorado County, California, U.S.A. MNLO code ALA	38 34 00.0 N (38.5667)	120 57 22.2 W (120.9562)	293.0	MNLO
ALB	D	Alberni ..... British Columbia, Canada 1951-19620802, 19670322-19720701. WCTN opened 19750901.	49 16 18.0 N (49.2717)	124 49 48.0 W (124.8300)	25.0	WCTN
ALBO	R	Albuquerque ..... New Mexico, U.S.A. proposed GTSN station.	...	...	...	NEIS
ALC		Alcon ..... Central Alaska, Alaska, U.S.A. opened 19790925.	62 37 21.0 N (62.6225)	141 00 30.0 W (141.0083)	582.0	AGS
ALD		Alter Ridge ..... Washington, U.S.A. opened 197511.	45 49 10.0 N (45.8194)	120 04 00.0 W (120.0667)	427.0	
ALE	D	Alert ..... Northwest Territories, Canada opened 19610929. IDA opened 198209.	82 30 12.0 N (82.5033)	62 21 00.0 W ( 62.3500)	65.0	OTT IDA
ALF	C	Alfred ..... New York, U.S.A. 197101-197809.	42 13 31.2 N (42.2253)	77 47 49.8 W ( 77.7972)	671.0	PAL
ALG		Algiers ..... Algeria	36 46 18.0 N (36.7717)	3 03 30.0 E ( 3.0583)	59.0	ALG
ALH		Alicahue ..... Aconcagua, Chile opened 197008.	32 22 12.0 S (32.3700)	70 47 34.0 W ( 70.7928)	1890.0	SAN
ALI		Alicante ..... Spain	38 21 19.2 N (38.3553)	0 29 14.1 W ( 0.4873)	35.0	MDD
ALM		Almerio ..... Spain	36 51 09.1 N (36.8525)	2 27 35.2 W ( 2.4598)	65.0	MDD
(ALN)		see international code ALNM				
ALNM		Lincoln ..... Placer County, California, U.S.A. opened 19761202. MNLO code ALN.	38 55 46.9 N (38.9297)	121 17 16.1 W (121.2878)	54.0	MNLO
ALO	R	Ashland ..... Oregon, U.S.A. opened 19730322.	42 12 .. N (42.2000)	122 42 .. W (122.7000)	720.0	
ALOA		Alotau ..... New Guinea, Papua New Guinea opened 19840203.	10 17 54.0 S (10.2983)	150 22 37.0 E (150.3769)	10.0	PMG
ALOT	C	Alotau ..... New Guinea, Papua New Guinea 19821108-19840203.	10 17 45.6 S (10.2960)	150 27 50.4 E (150.4640)	200.0	
ALP		Ascoli Piceno ..... Marche, Italy opened 1979.	42 46 49.0 N (42.7803)	13 34 34.0 E ( 13.5761)	...	
ALO	D	Albuquerque ..... New Mexico, U.S.A. WWSS opened 19611117. HGLP 197209-197807. DWSS 19810302-19820731.	34 56 33.0 N (34.9425)	106 27 27.0 W (106.4575)	1849.0	NEIS DWSS WWSS HGLP USTN
ALR		Isla de Alboran ..... Spain opened 197810.	35 56 35.0 N (35.9431)	3 02 10.0 W ( 3.0361)	10.0	
ALS		Alishan (Arison) ..... China (Taiwan)	23 31 .. N (23.5167)	120 48 .. E (120.8000)	2406.0	TAP
ALT		Altintas ..... Turkey opened 1973.	39 03 18.6 N (39.0552)	30 06 37.2 E ( 30.1103)	1060.0	ISK
ALU		Alushta ..... Ukrainian S.S.R., U.S.S.R.	44 42 .. N (44.7000)	34 25 .. E ( 34.4167)	...	MOSR
ALX		Alexander Bay ..... New York, U.S.A. opened 197608. (Alternate Abbreviation for AM-OK)	44 19 21.0 N (44.3225)	75 55 40.5 W ( 75.9279)	122.0	PAL
AM- AM-OK	C	Ardmore ..... Oklahoma, U.S.A. 19611208-19611220.	34 02 52.0 N (34.0478)	97 24 41.0 W ( 97.4114)	274.0	LRSN
AM1	U	Amosugawa 1 ..... Shiga, Honshu, Japan 197107-197111.	35 26 40.0 N (35.4444)	135 55 07.0 E (135.9186)	250.0	DRI
AM2	U	Amosugawa 2 ..... Shiga, Honshu, Japan 197111-197208.	35 26 38.7 N (35.4441)	135 55 17.3 E (135.9215)	180.0	DRI
AMA	C	Amotignak Island ..... Aleutian Islands, Alaska, U.S.A. 19701009-19730430.	51 17 18.4 N (51.2884)	179 06 33.5 W (179.1093)	503.0	USGS
AMAX	F	(keyword for telegraphic format)				

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
AMB	Ambulong ..... Luzon, Philippines opened 1910.	14 05 .. N (14.0833)	121 03 .. E (121.0500)	10.0	MAN
AMC	Almaden ..... Santa Clara County, California, U.S.A. opened 19681016. MNLO code JAL.	37 09 30.0 N (37.1583)	121 50 49.2 W (121.8470)	244.0	MNLO
AMD	C Amderma ..... Arkhangelskaya Oblast, R.S.F.S.R., U.S.S.R.	69 46 .. N (69.7667)	61 41 .. E ( 61.6833)	...	
AME	C Amchitka East ..... Aleutian Islands, Alaska, U.S.A.	51 23 12.0 N (51.3867)	179 15 18.0 E (179.2550)	...	
AMG	Americus ..... Georgia, U.S.A. opened 19730901.	32 03 33.8 N (32.0594)	84 13 03.6 W ( 84.2177)	106.0	
AMI	C Amelia ..... Umbria, Italy	42 35 06.5 N (42.5851)	12 25 43.0 E ( 12.4286)	...	ROM
AMJ	R Amo ..... Gifu, Honshu, Japan 19750805-19761226; reopened and moved slightly 19770514.	36 14 57.7 N (36.2494)	137 01 42.3 E (137.0284)	620.0	DRI
AMM	Anacanda ..... Montana, U.S.A.	46 05 39.0 N (46.0942)	112 57 04.0 W (112.9511)	2051.0	BUT
AMN	Amonu ..... Tuamotu Archipelago, French Polynesia opened 1976.	17 51 02.0 S (17.8506)	140 51 33.0 W (140.8592)	2.0	PPT
AMNH	Monhattan ..... New York, U.S.A.	40 46 51.0 N (40.7808)	73 58 25.8 W ( 73.9738)	...	PAL
AMO	Amban ..... Moluku, Indonesia	3 42 .. S ( 3.7000)	128 10 .. E (128.1667)	...	
AMP	Ambar ..... Pakistan opened 1974?	34 03 18.0 N (34.0550)	72 24 54.0 E ( 72.4150)	361.0	PAL
AMR	Amargosa ..... Inyo County, California, U.S.A. opened 19780724.	36 23 52.0 N (36.3978)	116 28 27.0 W (116.4742)	720.0	USGS
AMS	D Amos ..... Imperial County, California, U.S.A. opened 197303.	33 08 28.8 N (33.1413)	115 15 15.0 W (115.2542)	140.0	PAS
AMU	C Anchorage (Alaska Methodist University) ..... Central Alaska, Alaska, U.S.A. 196502-19751205.	61 11 30.0 N (61.1917)	149 48 18.0 W (149.8050)	53.0	
AN-	(Alternate Abbreviation for AN-MA)				
AN-MA	C Angela ..... Montana, U.S.A. 19641116-19650611.	46 45 08.0 N (46.7522)	106 05 30.0 W (106.0917)	907.0	LRSM
AN1	Anna ..... Ohio, U.S.A. opened 19760115.	40 28 45.0 N (40.4792)	84 07 51.0 W ( 84.1308)	323.0	AAM
(AN1)	see international code ANKS				
AN1*	(Alternate Abbreviation for PNC)				
AN10	Anna ..... Ohio, U.S.A.	40 28 22.0 N (40.4728)	84 28 12.0 W ( 84.4700)	297.0	AAM
AN11	Anna ..... Ohio, U.S.A.	40 33 50.0 N (40.5639)	84 40 49.0 W ( 84.6803)	267.0	AAM
AN12	Anna ..... Ohio, U.S.A.	40 55 17.0 N (40.9214)	84 10 56.0 W ( 84.1822)	226.0	AAM
AN12*	(Alternate Abbreviation for SRC)				
AN13*	(Alternate Abbreviation for QSR)				
AN14*	(Alternate Abbreviation for BCGM)				
AN15*	(Alternate Abbreviation for JHC)				
AN2*	C Forsythe ..... San Benito County, California, U.S.A. 19670925-19710427.	36 47 27.6 N (36.7910)	121 27 16.9 W (121.4547)	433.0	MNLO
AN3	Anno ..... Ohio, U.S.A. opened 19760901.	40 32 55.0 N (40.5486)	83 48 44.0 W ( 83.8122)	326.0	AAM
AN3*	(Alternate Abbreviation for HJGM)				
AN4	Anna ..... Ohio, U.S.A. opened 19760901.	40 13 19.0 N (40.2219)	83 53 52.0 W ( 83.8978)	346.0	AAM
AN4*	(Alternate Abbreviation for PCL)				
AN5*	(Alternate Abbreviation for DIL)				
AN6*	(Alternate Abbreviation for CSR)				
AN7	Anno ..... Ohio, U.S.A.	40 49 24.0 N (40.8233)	83 51 36.0 W ( 83.8600)	281.0	AAM
AN7*	(Alternate Abbreviation for CDC)				
AN8	Anna ..... Ohio, U.S.A.	40 14 40.0 N (40.2444)	84 17 11.0 W ( 84.2864)	302.0	AAM
AN8*	(Alternate Abbreviation for PKC)				
AN9	Anna ..... Ohio, U.S.A.	40 42 40.0 N (40.7111)	84 29 49.0 W ( 84.4969)	255.0	AAM
ANA	C Amchitka ..... Aleutian Islands, Alaska, U.S.A. 19690825-19730430.	51 37 39.8 N (51.6277)	178 39 23.0 E (178.6564)	...	USGS
ANB	C Amchitka ..... Aleutian Islands, Alaska, U.S.A. 19701014-19710430.	51 36 22.3 N (51.6062)	178 47 30.0 E (178.7917)	...	USGS
ANC	C Antarctic (Marguerite Bay) ..... Antarctic Peninsula, Antarctica	68 11 40.0 S (68.1944)	67 00 00.0 W ( 67.0000)	7.0	
(ANC)	see international code ANCR				

CODES



## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
ANCR	U Anchorite ..... Nevada, U.S.A. 197605-197707. REN code ANC.	38 10 23.5 N (38.1732)	118 45 13.3 W (118.7537)	2250.0	REN
AND	C Amchitka ..... Aleutian Islands, Alaska, U.S.A. 19700718-19730430.	51 33 44.4 N (51.5623)	178 57 12.4 E (178.9534)	186.0	USGS
ANE	R Angren ..... Uzbek S.S.R., U.S.S.R.	41 00 .. N (41.0000)	70 06 .. E ( 70.1000)	...	MOSR
ANG	Antigua (Friars Hill) ..... Antigua, Antigua and Barbuda opened 19660420.	17 09 18.0 N (17.1550)	61 49 48.0 W ( 61.8300)	27.0	TRN
ANI	R Aniakchak ..... Alaska Peninsula, Alaska, U.S.A.	57 02 30.0 N (57.0417)	158 02 24.0 W (158.0400)	...	GIA
ANK	Ankara ..... Turkey	39 55 .. N (39.9167)	32 49 .. E ( 32.8167)	...	
ANKS	R Angarakan ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R. MOS code AN1.	56 24 .. N (56.4000)	113 42 .. E (113.7000)	...	MOSR
ANL	C Andalgala ..... Catamarca, Argentina	27 37 .. S (27.6167)	66 19 .. W ( 66.3167)	...	
ANM	Name--Anvil Mountain ..... Western Alaska, Alaska, U.S.A. USTN closed.	64 33 55.8 N (64.5655)	165 22 18.0 W (165.3717)	330.0	PMR USTN
ANMO	D Albuquerque ..... New Mexico, U.S.A. opened 197408.	34 56 46.3 N (34.9462)	106 27 24.0 W (106.4567)	1740.0	NEIS SRO
ANN	Anapa ..... Krasnodarskiy Kray, R.S.F.S.R., U.S.S.R. location uncertain.	44 53 .. N (44.8833)	37 18 .. E ( 37.3000)	...	MOSR
ANNS	Annsville ..... New York, U.S.A.	41 18 28.8 N (41.3080)	73 54 47.4 W ( 73.9132)	42.0	BLMY
ANP	Anpu ..... China (Taiwan) opened 19630314.	25 11 .. N (25.1833)	121 31 .. E (121.5167)	827.0	TAP WWSS
ANR	Andizhan ..... Uzbek S.S.R., U.S.S.R.	40 45 18.0 N (40.7550)	72 21 36.0 E ( 72.3600)	494.0	MOS
ANS	Ancana ..... Marche, Italy opened 1973.	43 33 08.0 N (43.5522)	13 27 44.0 E ( 13.4622)	295.0	
ANT	Antafagasta ..... Antafagasta, Chile opened 1948? moved 196204. WWSS opened 19621228.	23 42 18.0 S (23.7050)	70 24 55.0 W ( 70.4153)	80.0	SAN WWSS
ANTN	Anderson ..... Tennessee, U.S.A.	36 10 18.0 N (36.1717)	85 13 52.8 W ( 85.2313)	612.0	TVA
ANTO	D Ankara ..... Turkey opened 19780801.	39 52 08.0 N (39.8689)	32 47 37.0 E ( 32.7936)	883.0	SRO
ANU	Antelope Island ..... Davis County, Utah, U.S.A. opened 197511.	41 02 22.8 N (41.0397)	112 13 54.0 W (112.2317)	1353.0	SLC
ANV	Anvil Mountain ..... Western Alaska, Alaska, U.S.A. opened 197608.	64 33 55.8 N (64.5655)	165 22 18.0 W (165.3717)	330.0	GIA
(ANV)	see international code ANVS				
ANVS	R Ananyeva ..... Kirghiz S.S.R., U.S.S.R. MOS code ANV.	42 48 .. N (42.8000)	77 42 .. E ( 77.7000)	...	MOSR
ANZ	Anzar Road ..... San Benito County, California, U.S.A. opened 19670629. MNLO code HAZ. (Alternate Abbreviation for AO-WS)	36 53 04.8 N (36.8847)	121 35 27.2 W (121.5909)	122.0	MNLO
AO-WS	C Argonne ..... Wisconsin, U.S.A. 19650702-19650831.	45 36 24.0 N (45.6067)	88 57 01.0 W ( 88.9503)	518.0	LRSM
AOB	R Aobayama ..... Miyagi, Honshu, Japan opened 196704.	38 14 54.0 N (38.2483)	140 50 48.0 E (140.8467)	87.0	TOH
(AOD)	see international code AODM				
AODM	Outingdale ..... El Dorado County, California, U.S.A. opened 19761019. MNLO code AOD.	38 36 53.3 N (38.6148)	120 43 42.6 W (120.7285)	520.0	MNLO
(AOH)	see international code AOHM				
AOHM	Oregon House ..... Yuba County, California, U.S.A. opened 19770214. MNLO code AOH.	39 22 31.1 N (39.3753)	121 15 21.6 W (121.2560)	457.0	MNLO
AOM	Aomari ..... Aomari, Honshu, Japan	40 49 .. N (40.8167)	140 47 .. E (140.7833)	5.0	JMA
AOMJ	Aomari Outpost ..... Aomari, Honshu, Japan opened 1978.	40 33 36.0 N (40.5600)	140 22 24.0 E (140.3733)	90.0	JMA
AOU	R Aou ..... Kachi, Shikoku, Japan opened 197204.	33 47 32.3 N (33.7923)	133 46 14.3 E (133.7706)	470.0	URS
AP-	(Alternate Abbreviation for AP-OK)				
AP-OK	C Apache ..... Oklahoma, U.S.A. 19630925-19631231; 19650505-19650919; 19651209-19660113.	34 49 59.0 N (34.8331)	98 26 09.0 W ( 98.4358)	427.0	LRSM
APA	Apatity ..... Murmanskaya Oblast, R.S.F.S.R., U.S.S.R.	67 33 .. N (67.5500)	33 20 .. E ( 33.3333)	140.0	MOS

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TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
APCP	F	(phase code designation)				
APE		Apeiranthos of Noxos ..... Greece opened 197511.	37 04 08.0 N (37.0689)	25 31 50.0 E ( 25.5306)	620.0	ATH
APH	C	Airport Hangar ..... New York, U.S.A. 197407-198310.	43 50 28.8 N (43.8413)	74 29 49.2 W ( 74.4970)	564.0	PAL USTN
(APH)		see international code APN				
API		Apia ..... Samoa Islands opened 1902.	13 48 26.0 S (13.8072)	171 46 30.0 W (171.7750)	2.0	WEL
APK	C	Angel's Peak ..... Nevado, U.S.A. 19750615-19830906.	36 19 10.0 N (36.3194)	115 34 28.0 W (115.5744)	2680.0	USGS
APKW		Angels Peak ..... Nevado, U.S.A. opened 19830906.	36 19 11.3 N (36.3198)	115 35 13.0 W (115.5869)	2512.0	USGS
APN	R	Apakhonchich ..... Kamchotskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code APH.	56 00 .. N (56.0000)	160 54 .. E (160.9000)	...	MOSR
(APN)		see international code APNR				
APNR	R	Astar Pass ..... Nevado, U.S.A. opened 197803. REN code APN.	40 13 48.0 N (40.2300)	119 51 59.4 W (119.8665)	1471.0	REN
APO	D	Appelbo ..... Sweden opened 196901.	60 32 20.0 N (60.5389)	13 55 41.0 E ( 13.9281)	354.0	HFS
APP		(Alternate abbreviation for APO)				
APR		Arecibo ..... Puerto Rico opened 19751114.	18 27 26.8 N (18.4574)	66 43 50.7 W ( 66.7307)	50.0	USGS
(APR)		see international code APRM				
APRI	F	(keyword for telegraphic format)				
APRIL	F	(keyword for telegraphic format)				
APRM		Poppy Hill Road ..... Placer County, California, U.S.A. opened 19760715. MNLO code APR.	38 52 37.2 N (38.8770)	121 13 01.9 W (121.2172)	133.0	MNLO
APT	C	Avery Point ..... Connecticut, U.S.A. 19720107-19770610.	41 18 57.5 N (41.3160)	72 03 50.0 W ( 72.0639)	3.0	WES
APY		Apayeque ..... Nicaragua opened 1975.	12 13 39.8 N (12.2277)	86 21 10.2 W ( 86.3528)	260.0	APY
AQU		L'Aquila ..... Abruzzo, Italy opened 1952. WWSS opened 19620511.	42 21 14.0 N (42.3539)	13 24 11.0 E ( 13.4031)	720.0	ROM WWSS
AR-		(Alternate Abbreviation for AR-WS)				
AR-WS	C	Aurora ..... Wisconsin, U.S.A. 19620606-19621005.	45 41 48.0 N (45.6967)	88 08 32.0 W ( 88.1422)	381.0	LRSR
AR1		Volcan Arenal ..... Costa Rica (10.4586)	10 27 31.0 N (10.4586)	84 43 56.0 W ( 84.7322)	595.0	ICRE
AR2		Lago de Cote ..... Costa Rica (10.5614)	10 33 41.0 N (10.5614)	84 53 36.0 W ( 84.8933)	763.0	ICRE
AR3		Tierras Morenas ..... Costa Rica (10.5869)	10 35 13.0 N (10.5869)	85 02 06.0 W ( 85.0350)	760.0	ICRE
AR4		Solanía ..... Costa Rica (10.3583)	10 21 30.0 N (10.3583)	84 59 34.0 W ( 84.9928)	600.0	ICRE
AR5		Santa Elena ..... Costa Rica (10.3414)	10 20 29.0 N (10.3414)	84 49 29.0 W ( 84.8247)	1420.0	ICRE
AR6		Chiripa ..... Costa Rica (10.4397)	10 26 23.0 N (10.4397)	84 54 38.0 W ( 84.9106)	1020.0	ICRE
AR7		Cabo Frio ..... Costa Rica opened 19760515.	9 51 01.0 N ( 9.8503)	85 06 59.0 W ( 85.1164)	582.0	ICRE
AR8		Nicoya ..... Costa Rica (10.1925)	10 11 33.0 N (10.1925)	85 31 14.0 W ( 85.5206)	511.0	ICRE
AR9		Volcan Norte ..... Costa Rica opened 19750713.	10 28 18.0 N (10.4717)	84 43 43.0 W ( 84.7286)	658.0	ICRE
ARA	C	Arapuni ..... North Island, New Zealand 1930-1950.	38 05 .. S (38.0833)	175 39 .. E (175.6500)	65.0	WEL
ARC		Arcata ..... Humboldt County, California, U.S.A. opened 19480227.	40 52 36.0 N (40.8767)	124 04 30.0 W (124.0750)	59.0	BRK
ARD		Arida ..... Wakayama, Honshu, Japan opened 195812.	34 05 09.2 N (34.0859)	135 09 42.2 E (135.1617)	40.0	ERIJ
ARE		Arequipa (Characato) ..... Peru opened 195903? WWSS opened 19620323.	16 27 43.5 S (16.4621)	71 29 28.6 W ( 71.4913)	2452.0	WWSS
ARF	R	Arif ..... Turkey opened 1973.	...	...	...	ISK
ARG		Arkhangelos ..... Greece opened 19660710.	36 12 58.0 N (36.2161)	28 07 34.0 E ( 28.1261)	170.0	ATH

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Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
ARH	C Archignoc ..... Limousin, France closed 19750625.	45 00 35.0 N (45.0097)	1 18 42.0 E ( 1.3117)	320.0	LDG
ARI	Arica ..... Tarapaca, Chile	18 31 46.0 S (18.5294)	70 10 37.0 W ( 70.1769)	250.0	
(ARI)	see international code ARK				
(ARJ)	see international code ARJM				
ARJM	Robert W. Jensen ..... El Dorado County, California, U.S.A. opened 19761202. MNLO code ARJ.	38 41 11.4 N (38.6865)	120 57 22.7 W (120.9563)	460.0	MNLO
ARK	R Arkhit ..... Kirghiz S.S.R., U.S.S.R. MOS code ARI.	41 48 .. N (41.8000)	71 57 .. E ( 71.9500)	...	MOSR
(ARL)	see international code ARLS				
ARLS	R Aral ..... Kirghiz S.S.R., U.S.S.R. MOS code ARL. location uncertain.	41 24 .. N (41.4000)	73 54 .. E ( 73.9000)	...	MOSR
ARN	Arnold Ranch ..... Santa Clara County, California, U.S.A. opened 19671019. MNLO code CAO.	37 20 57.6 N (37.3493)	121 31 57.6 W (121.5327)	628.0	MNLO USTN
ARO	Arto Observatory ..... Djibouti opened 19761203	11 31 42.9 N (11.5286)	42 50 48.3 E ( 42.8468)	680.0	ARO
ARR	Arges ..... Romania	45 22 03.0 N (45.3675)	24 38 01.0 E ( 24.6336)	871.0	BUC
(ARR)	see international code ARRM				
ARRM	Rickey Ranch ..... Sacramento County, California, U.S.A. opened 19761202. MNLO code ARR.	38 45 55.1 N (38.7653)	121 10 18.5 W (121.1718)	127.0	MNLO
ARS	Arshan ..... Irkutskaya Oblast, R.S.F.S.R., U.S.S.R.	51 54 .. N (51.9000)	102 24 .. E (102.4000)	970.0	MOSR
ART	C Arto ..... Djibouti 197204-19761203	11 31 15.9 N (11.5211)	42 50 16.1 E ( 42.8378)	710.0	ARO
ARU	Arti ..... Sverdlovskaya Oblast, R.S.F.S.R., U.S.S.R.	56 24 .. N (56.4000)	58 36 .. E ( 58.6000)	250.0	MOS
ARUT	Antelope Range ..... Iron County, Utah, U.S.A. opened 198012.	37 47 16.8 N (37.7880)	113 26 25.3 W (113.4404)	1646.0	SLC
ARV	Arcevia ..... Marche, Italy opened 198306.	43 29 54.6 N (43.4985)	12 56 31.9 E ( 12.9422)	535.0	ROM
(ARV)	see international code ARVC				
ARVC	R Arvin ..... Kern County, California, U.S.A. opened 198102. PAS code ARV.	35 07 37.8 N (35.1272)	118 49 45.6 W (118.8293)	268.0	PAS
(ARW)	see international code ARWM				
ARWM	Richard P. Wilkes ..... Placer County, California, U.S.A. opened 19760129. MNLO code ARW.	38 57 22.7 N (38.9563)	121 09 43.9 W (121.1622)	320.0	MNLO
AS-PA	C Altoona ..... Pennsylvania, U.S.A. 19690826-19691010.	40 43 59.0 N (40.7331)	78 31 26.0 W ( 78.5239)	469.0	LRSN
ASA	Asahikawa ..... Kamikawa, Hokkaido, Japan	43 46 12.0 N (43.7700)	142 22 24.0 E (142.3733)	111.0	JMA
ASAJ	Asahikawa Outpost ..... Kamikawa, Hokkaido, Japan opened 1978.	44 07 06.0 N (44.1183)	142 38 30.0 E (142.6417)	231.0	JMA
ASB	C Amchitka ..... Aleutian Islands, Alaska, U.S.A. 19690525-19730430.	51 21 37.6 N (51.3604)	179 14 50.7 E (179.2474)	...	USGS
ASBA	Santa Barbara ..... Azores, Portugal	38 43 13.0 N (38.7203)	27 19 31.0 W ( 27.3253)	675.0	PDA
ASC	C Amchitka ..... Aleutian Islands, Alaska, U.S.A. 19690728-19721211.	51 27 47.1 N (51.4631)	179 09 30.0 E (179.1583)	...	USGS
ASD	C Amchitka ..... Aleutian Islands, Alaska, U.S.A. 19690529-19730430.	51 23 26.5 N (51.3907)	179 20 31.6 E (179.3421)	...	USGS
ASE	C Aserradero ..... Nicaragua 19770203-1980.	12 28 28.8 N (12.4747)	87 11 25.2 W ( 87.1903)	...	APY
ASG	R Minamioshigara ..... Kanagawa, Honshu, Japan opened 197904	35 18 49.7 N (35.3138)	139 01 40.4 E (139.0279)	386.0	CDPJ
ASH	Ashkhabad ..... Turkmen S.S.R., U.S.S.R.	37 57 .. N (37.9500)	58 21 .. E ( 58.3500)	220.0	MOS
ASI	Mount Amossa ..... Israel opened 198308.	31 19 48.0 N (31.3300)	35 05 42.0 E ( 35.0950)	850.0	JER
ASJ	Asosan ..... Kumamoto, Kyushu, Japan	32 52 42.0 N (32.8783)	131 04 30.0 E (131.0750)	1143.0	JMA
ASK	Askoy ..... Norway	60 28 58.8 N (60.4830)	5 11 42.0 E ( 5.1950)	...	BER
ASL	R Abu Simbel ..... Egypt opened 197510	22 20 13.0 N (22.3369)	31 36 58.0 E ( 31.6161)	...	HLW
ASM	Asama ..... Nagano, Honshu, Japan	36 24 .. N (36.4000)	138 34 .. E (138.5667)	...	

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
ASO	C	Aso ..... Kumamoto, Kyushu, Japan opened 1928.	32 53 .. N (32.8833)	131 01 .. E (131.0167)	568.0	KYT
ASP	C	Alice Springs ..... Northern Territory, Australia 19701215-19820301.	23 41 00.0 S (23.6833)	133 53 48.0 E (133.8967)	600.0	AUST
ASPA		Alice Springs ..... Northern Territory, Australia opened 19820301.	23 40 01.0 S (23.6669)	133 54 05.0 E (133.9014)	555.0	AUST
ASRM	R	Slough House Road ..... Sacramento County, California, U.S.A. opened 19760721.	38 29 51.7 N (38.4977)	121 12 17.3 W (121.2048)	52.0	MNLO
ASS		Assisi ..... Umbria, Italy opened 198305.	43 04 14.2 N (43.0706)	12 39 40.3 E (12.6612)	424.0	ROM
AST	C	Astrido ..... Rwanda 1955-196806. code changed to BTR.	2 37 .. S (2.6167)	28 44 .. E (28.7333)	1648.0	
ASTOP	F	(keyword for telegraphic format)				
ASU		Arizona State University ..... Arizona, U.S.A. opened 197111.	33 24 58.8 N (33.4163)	111 56 04.8 W (111.9347)	354.0	
ASW		Aswon ..... Egypt 197510-198012; reopened 1982.	24 04 41.4 N (24.0782)	32 53 19.7 E (32.8888)	132.0	HLW
ASZ		Ashizuri ..... Kochi, Shikoku, Japan (Alternate Abbreviation for AT-NV)	32 43 .. N (32.7167)	133 01 .. E (133.0167)	30.0	JMA
AT-						
AT-NV	C	Austin ..... Nevada, U.S.A. 19620115-19620514; 19630423-19630712; 19680413-19680426.	39 28 53.0 N (39.4814)	117 04 26.0 W (117.0739)	1981.0	LRSM
AT1	C	West Kanaga ..... Aleutian Islands, Alaska, U.S.A. 1975-197610.	51 39 54.0 N (51.6650)	177 38 30.0 W (177.6417)	61.0	BOU
AT2	C	South Tanaga ..... Aleutian Islands, Alaska, U.S.A. 1975-197610.	51 39 48.0 N (51.6633)	177 55 48.0 W (177.9300)	99.0	BOU
AT3	C	North Tanaga ..... Aleutian Islands, Alaska, U.S.A. 1975-197610.	51 48 24.0 N (51.8067)	177 49 12.0 W (177.8200)	350.0	BOU
ATA		Atar ..... Djibouti opened 197204	11 27 25.9 N (11.4572)	43 12 29.9 E (43.2083)	50.0	ARO
ATB		Altamira ..... Para, Brazil	3 17 16.0 S (3.2878)	52 13 30.0 W (52.2250)	...	BDF
ATC	C	Attachie ..... British Columbia, Canada 196712-197210.	56 13 48.0 N (56.2300)	121 27 00.0 W (121.4500)	...	EDM
ATE		Arette ..... Bearn, France opened 197712.	43 05 10.2 N (43.0862)	0 42 10.2 W (0.7028)	500.0	PAR
ATH		Athens Observatory ..... Greece opened 1892. WWSS opened 19620402.	37 58 20.0 N (37.9722)	23 43 00.0 E (23.7167)	95.0	ATH WWSS
ATI		Atico ..... Peru	16 10 16.0 S (16.1711)	73 37 13.0 W (73.6203)	300.0	
ATL		Atlanta ..... Georgia, U.S.A. opened 19630621.	33 26 00.0 N (33.4333)	84 20 15.0 W (84.3375)	272.0	ATL WWSS
ATM	R	Atsumi ..... Yamagata, Honshu, Japan opened 19680915.	38 33 54.0 N (38.5650)	139 39 42.0 E (139.6617)	180.0	TOH
ATO		Altona ..... Oklahoma, U.S.A. opened 19821111	35 47 32.0 N (35.7922)	98 07 10.2 W (98.1195)	364.0	
ATR	R	Alsterbro ..... Sweden opened 198001	56 59 42.0 N (56.9950)	15 55 04.8 E (15.9180)	119.0	HFS
ATT	C	Attico ..... New York, U.S.A. 197107-19760116. (Alternate abbreviation for ATH)	42 50 09.0 N (42.8358)	78 11 39.0 W (78.1942)	470.0	PAL
ATU						
ATX		Austin ..... Texas, U.S.A.	30 18 52.0 N (30.3144)	97 52 00.0 W (97.8667)	280.0	ATX
AU2	R	Augustine Island ..... Western Alaska, Alaska, U.S.A.	59 22 13.0 N (59.3703)	153 22 41.0 W (153.3781)	195.0	
AUC		Auckland ..... North Island, New Zealand	36 51 36.0 S (36.8600)	174 46 41.0 E (174.7781)	79.0	WEL
AUE	R	Augustine Island ..... Western Alaska, Alaska, U.S.A.	59 21 32.4 N (59.3590)	153 22 19.8 W (153.3722)	172.0	GIA
AUF		Augustine Island ..... Western Alaska, Alaska, U.S.A. opened 197509.	59 23 16.2 N (59.3878)	153 27 32.4 W (153.4590)	165.0	GIA
AUG	F	(keyword for telegraphic format)				
AUGU	F	(keyword for telegraphic format)				
AUGUS	F	(keyword for telegraphic format)				
AUH		Augustine Island ..... Western Alaska, Alaska, U.S.A.	59 21 49.8 N (59.3638)	153 26 36.6 W (153.4435)	900.0	GIA

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
AUI	Augustine Island ..... Western Alaska, Alaska, U.S.A.	59 20 03.0 N (59.3342)	153 25 37.2 W (153.4270)	282.0	GIA
AUK	Auki ..... Solomon Islands	8 45 42.0 S ( 8.7617)	160 42 12.0 E (160.7033)	91.0	HNR
AUL	Augustine Island ..... Western Alaska, Alaska, U.S.A.	59 22 55.8 N (59.3822)	153 26 04.2 W (153.4345)	360.0	GIA
AUM	Augustine Island ..... Western Alaska, Alaska, U.S.A.	59 22 15.6 N (59.3710)	153 21 10.2 W (153.3528)	105.0	GIA
AUR	C Aurakhmat ..... Tajik S.S.R., U.S.S.R.	41 35 .. N (41.5833)	70 07 .. E ( 70.1167)	...	
AUS	C Austin ..... Texas, U.S.A.	30 17 .. N (30.2833)	97 47 .. W ( 97.7833)	...	
AUST	F Bureau of Mineral Resources, Australia				
AUTN	R L'Autian ..... Provence, France opened 197705.	43 59 43.8 N (43.9955)	7 25 39.0 E ( 7.4275)	2065.0	STR
AVC	U Adabe Valley ..... Mono County, California, U.S.A. 197507-197709.	37 54 57.5 N (37.9160)	118 43 57.0 W (118.7325)	2225.0	REN
AVE	Averraes ..... Morocco opened 193706.	33 17 53.0 N (33.2981)	7 24 48.0 W ( 7.4133)	230.0	SPGM
AVF	D Avril sur Laire ..... Nivernais, France opened 19771021. moved slightly 19771019.	46 47 26.0 N (46.7906)	3 21 09.5 E ( 3.3526)	225.0	LDG
AVFP	R ..... France	46 47 31.0 N (46.7919)	3 21 25.0 E ( 3.3569)	200.0	
AVH	R Avacha ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code ABH.	53 04 .. N (53.0667)	158 30 .. E (158.5000)	...	MOSR
AVNC	Asheville ..... North Carolina, U.S.A.	35 37 26.4 N (35.6240)	82 31 51.6 W ( 82.5310)	943.0	TEIC
AVO	Avan ..... New South Wales, Australia opened 1958.	34 22 35.0 S (34.3764)	150 36 54.0 E (150.6150)	532.0	CAN
(AVO)	see international code AVOE				
AVOE	R Asama Observatory ..... Nagano, Hanshu, Japan opened 1933. ERIJ code AVO.	36 24 04.0 N (36.4011)	138 34 20.0 E (138.5722)	1406.0	ERIJ
(AVR)	see international code AVR				
AVRM	Valley Road Site ..... Placer County, California, U.S.A. opened 19760715. MNLO code AVR.	39 01 29.3 N (39.0248)	121 16 04.8 W (121.2680)	91.0	MNLO
AVY	Angavakely ..... Madagascar	18 55 13.2 S (18.9203)	47 43 51.8 E ( 47.7311)	1716.0	TAN
AWA	C Amchitka ..... Aleutian Islands, Alaska, U.S.A.	51 22 28.5 N (51.3746)	179 15 09.6 E (179.2527)	...	
AWH	Whinburgh ..... England, United Kingdom opened 198005.	52 37 48.0 N (52.6300)	0 57 04.0 E ( 0.9511)	60.0	BGS
AWI	C Antigua ..... Antigua, Antigua and Barbuda 19550624-19631006.	17 08 34.8 N (17.1430)	61 50 06.0 W ( 61.8350)	23.0	TRN
AWP	F (phase code designation)				
AX-	(Alternate Abbreviation for AX-AL)				
AX-AL	C Alexander City ..... Alabama, U.S.A. 19651203-19651213.	32 50 08.0 N (32.8356)	86 10 35.0 W ( 86.1764)	183.0	LRSM
AX2	(Alternate Abbreviation for AX2AL)				
AX2AL	C Alexander City ..... Alabama, U.S.A. 19660324-19670116; 19680119-19680119.	32 46 38.0 N (32.7772)	86 07 48.0 W ( 86.1300)	213.0	LRSM
AY-	(Alternate Abbreviation for AY-SD)				
AY-SD	C Academy ..... South Dakota, U.S.A. 19620714-19621005.	43 31 40.0 N (43.5278)	99 06 30.0 W ( 99.1083)	610.0	LRSM
AYA	C Ayaguala ..... El Salvador	13 37 46.0 N (13.6294)	89 17 22.0 W ( 89.2894)	...	
AYE	Ayenquera ..... Peru	17 00 47.9 S (17.0133)	71 40 18.8 W ( 71.6719)	240.0	
AYS	R Ayseler ..... Turkey opened 197702.	36 53 43.8 N (36.8955)	31 34 25.0 E ( 31.5736)	565.0	
AZ-	(Alternate Abbreviation for AZ-TX)				
AZ-TX	C Amarillo ..... Texas, U.S.A. 19630828-19640306.	35 25 48.0 N (35.4300)	101 55 50.0 W (101.9306)	988.0	LRSM
AZ0	F (keyword for telegraphic format)				
AZ1	F (keyword for telegraphic format)				
AZ2	F (keyword for telegraphic format)				
AZ3	F (keyword for telegraphic format)				
AZ4	F (keyword for telegraphic format)				
AZ5	F (keyword for telegraphic format)				
AZ6	F (keyword for telegraphic format)				
AZ7	F (keyword for telegraphic format)				
AZ8	F (keyword for telegraphic format)				
AZ9	F (keyword for telegraphic format)				

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
AZJ	R	Azoi ..... Shigo, Honshu, Japan opened 197108.	35 28 38.0 N (35.4772)	136 19 26.0 E (136.3239)	370.0	DR1
AZL	R	Aizawl ..... Mizoram, India (Alternate Abbreviation for BA-WS)	23 43 12.0 N (23.7200)	92 43 48.0 E ( 92.7300)	750.0	JHI
BA- BA-WS	C	Baldwin ..... Wisconsin, U.S.A. 19621011-19621027.	44 53 58.0 N (44.8994)	92 16 20.0 W ( 92.2722)	335.0	LRSB
BAA		Buenos Aires ..... Buenos Aires, Argentina	34 35 30.0 S (34.5917)	58 29 00.0 W ( 58.4833)	25.0	
BAB		Beni-Abbes ..... Algeria	30 07 17.0 N (30.1214)	2 11 10.0 W ( 2.1861)	...	
BAC		Bacau ..... Romania opened 19421225.	46 34 .. N (46.5667)	26 54 .. E ( 26.9000)	167.0	BUK
BACH		Lo Barnechea ..... Santiago, Chile opened 1982?	33 21 10.0 S (33.3528)	70 29 30.0 W ( 70.4917)	820.0	SAN
BAD		Bernodia ..... Friuli-Venezia Giulia, Italy Opened 19770506.	46 14 12.0 N (46.2367)	13 14 36.0 E ( 13.2433)	640.0	TRI
BAE		Brasilia ..... Distrito Federal, Brazil	15 50 28.0 S (15.8411)	47 49 12.0 W ( 47.8200)	1200.0	
BAF		Belacker ..... Alsace, France opened 197410.	47 50 05.0 N (47.8347)	6 59 43.0 E ( 6.9953)	1025.0	STR
BAF*		Baguio ..... Luzon, Philippines opened 1972.	16 25 .. N (16.4167)	120 36 .. E (120.6000)	1500.0	MAN
BAG		Baguio City ..... Luzon, Philippines opened 1909; WWSS opened 19620331.	16 24 39.0 N (16.4108)	120 34 47.0 E (120.5797)	1507.0	QCP WWSS
BAH	C	Barrette ..... Oahu, Hawaii, U.S.A. closed 1970.	21 20 22.9 N (21.3397)	158 04 37.8 W (158.0772)	...	HON
BAI		Bari ..... Puglia, Italy Sent to NEIS by ROM.	41 07 12.0 N (41.1200)	16 52 00.0 E ( 16.8667)	...	
BAK		Baku ..... Azerbaijan S.S.R., U.S.S.R.	40 23 .. N (40.3833)	49 54 .. E ( 49.9000)	-12.0	MOS
BAL		Ballidu ..... Western Australia, Australia opened 19820827.	30 36 23.4 S (30.6065)	116 42 25.8 E (116.7072)	300.0	AUST
(BAL)		see international code BALM				
BALI	R	Baldo ..... Veneto, Italy Opened 19810615.	45 46 50.0 N (45.7806)	10 51 45.0 E ( 10.8625)	1751.0	TRI
BALM		Baldy ..... Central Alaska, Alaska, U.S.A. opened 19730824. AGS code BAL.	61 02 10.2 N (61.0362)	142 20 40.2 W (142.3445)	1300.0	AGS
BAN	C	Banff ..... Alberta, Canada 195608-19660922.	51 10 18.0 N (51.1717)	115 33 30.0 W (115.5583)	1500.0	OTTR
BAO	D	Brasilia Array ..... Distrito Federal, Brazil opened 197101?	15 38 05.6 S (15.6349)	47 59 29.4 W ( 47.9915)	1211.0	BDF
BAP	R	Bailey Peak ..... Beaver County, Utah, U.S.A.	38 31 35.4 N (38.5265)	112 47 42.0 W (112.7950)	2387.0	SLCI
BAP*		Basco ..... Baton Islands, Philippines opened 1972.	20 27 44.0 N (20.4622)	121 58 10.3 E (121.9695)	10.0	MAN
BAR		Barrett ..... San Diego County, California, U.S.A. opened 19520117.	32 40 48.0 N (32.6800)	116 40 18.0 W (116.6717)	510.0	PAS
BAS	C	Basel (Basle) ..... Switzerland 1934-1978.	47 32 24.0 N (47.5400)	7 34 58.5 E ( 7.5829)	309.0	ZUR
BAT	C	Bayram-Ali ..... Turkmen S.S.R., U.S.S.R.	37 36 .. N (37.6000)	62 07 .. E ( 62.1167)	...	
(BAT)		see international code BATC				
BATC	R	Bat Cave Butte ..... Riverside County, California, U.S.A. opened 198012 PAS code BAT.	33 27 32.4 N (33.4590)	115 50 27.6 W (115.8410)	-18.0	PAS
BAV		Blacksburg ..... Virginia, U.S.A. opened 197309.	37 13 19.4 N (37.2221)	80 25 30.0 W ( 80.4250)	622.0	BLA
(BAV)		see international code BAVM				
BAVM		Antelope Valley ..... Stanislaus County, California, U.S.A. opened 19750702. MNLO code BAV.	37 38 44.9 N (37.6458)	121 01 45.5 W (121.0293)	620.0	MNLO
BAW	R	Bavra ..... Armenian S.S.R., U.S.S.R.	41 06 .. N (41.1000)	43 48 .. E ( 43.8000)	...	MOSR
BAY	C	Bayanday ..... Irkutskaya Oblast, R.S.F.S.R., U.S.S.R.	53 04 .. N (53.0667)	105 31 .. E (105.5167)	...	
BB- BB-PA	C	Bloomsburg ..... Pennsylvania, U.S.A. 19620816-19621005.	41 10 56.0 N (41.1822)	76 33 07.0 W ( 76.5519)	305.0	LRSB

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BBC	C Big Bear ..... San Bernardino County, California, U.S.A. 19510621-19570920.	34 14 30.0 N (34.2417)	116 54 30.0 W (116.9083)	2060.0	PAS
BBD	Blackbird State Forest ..... Delaware, U.S.A. opened 19770101.	39 20 46.0 N (39.3461)	75 40 36.1 W ( 75.6767)	18.0	NED
BBG	Brasstown Bald ..... Georgia, U.S.A. opened 19820127.	34 52 26.4 N (34.8740)	83 48 39.6 W ( 83.8110)	1355.0	TEIC
(BBG)	see international code BBGM				
BBGM	Big Mountain ..... San Benito County, California, U.S.A. opened 19720203. MNLO code BBG.	36 35 28.7 N (36.5913)	121 01 31.1 W (121.0253)	1216.0	MNLO
BBI	C Big Bend ..... Idaho, U.S.A. 197406-19800724.	44 10 34.2 N (44.1762)	111 25 43.8 W (111.4288)	1950.0	USGS
BBJ	Bamboo St. Ann ..... Jamaica opened 19770214.	18 22 58.8 N (18.3830)	77 16 01.2 W ( 77.2670)	641.0	TRN
BBL	Barbers Block (Morne Espagnol) ..... Dominica opened 19781121. also sent to NEIS by FDF.	15 31 22.8 N (15.5230)	61 28 40.8 W ( 61.4780)	365.0	TRN
BBM	C Big Bend ..... Montana, U.S.A. 197102-19740709.	48 22 35.0 N (48.3764)	115 19 39.0 W (115.3275)	719.0	MSO
BBN	C Black Butte ..... New Mexico, U.S.A. 19700215-19711218.	34 24 28.0 N (34.4078)	106 44 44.3 W (106.7456)	1524.0	SNM
(BBN)	see international code SBT				
BBNM	(Alternate Abbreviation for SBT)				
BBO	R Besboro Island ..... Western Alaska, Alaska, U.S.A.	64 07 16.2 N (64.1212)	161 18 18.0 W (161.3050)	244.0	GIA
BBP	R Basco ..... Botan Islands, Philippines	20 30 .. N (20.5000)	122 00 .. E (122.0000)	...	MAN
BBR	Beebe Ranch ..... Sonoma County, California, U.S.A. opened 19700814. MNLO code NBR.	38 15 39.0 N (38.2608)	122 32 59.4 W (122.5498)	137.0	MNLO
BBS	D Basel--Blauen ..... Switzerland opened 197406.	47 27 52.0 N (47.4644)	7 30 33.0 E ( 7.5092)	700.0	ZUR
BBT	Barrage Ibn Battouta ..... Morocco opened 1981.	35 38 34.0 N (35.6428)	5 44 04.0 W ( 5.7344)	78.0	SPGM
BC2	D Big Chuckwalla Mountains No. 2 ..... Riverside County, California, U.S.A. opened 197411.	33 39 25.2 N (33.6570)	115 27 40.2 W (115.4612)	1185.0	PAS
BCAO	D Bangui ..... Central African Republic opened 19790531	4 26 00.0 N ( 4.4333)	18 32 07.0 E ( 18.5353)	336.0	SRO
BCB	C Big Creek Baldy ..... Montana, U.S.A. 19720707-19761004.	48 38 06.5 N (48.6351)	115 32 43.4 W (115.5454)	1756.0	MSO
BCC	D Colson Canyon ..... Santa Barbara County, California, U.S.A. opened 19691124. PAS code SBCC.	34 56 22.8 N (34.9397)	120 10 19.2 W (120.1720)	610.0	PAS
BCD	D Casitas Dam ..... Ventura County, California, U.S.A. opened 197111. PAS code SBOD.	34 22 07.2 N (34.3687)	119 20 37.8 W (119.3438)	213.0	PAS
BCG	Bois Riant Capesterre ..... Guadeloupe FDF code BRG.	16 05 06.0 N (16.0850)	61 37 10.8 W ( 61.6197)	442.0	FDF
(BCG)	see international code BCGM				
BCGM	Cienega Road ..... San Benito County, California, U.S.A. opened 19690529. MNLO code BCG.	36 42 33.1 N (36.7092)	121 20 35.9 W (121.3433)	305.0	MNLO
BCH	R Branch Mountain ..... San Luis Obispo County, California, U.S.A. opened 197608.	35 11 06.0 N (35.1850)	120 05 03.0 W (120.0842)	1140.0	PAS
(BCH)	see international code BCHM				
BCHM	Black Canyon North ..... Inyo County, California, U.S.A. opened 19750926. MNLO code BCH.	36 03 15.5 N (36.0543)	117 43 41.5 W (117.7282)	1265.0	MNLO
BCK	Bucak ..... Turkey opened 1973.	37 27 38.9 N (37.4608)	30 35 20.3 E ( 30.5890)	860.0	ISK
BCL	C Casitas Lake ..... Ventura County, California, U.S.A. 19691124-19710805.	34 24 45.0 N (34.4125)	119 21 40.2 W (119.3612)	177.0	PAS
BCM	C Basin Creek ..... Montana, U.S.A. 19801112-19811010.	45 50 07.8 N (45.8355)	112 30 55.2 W (112.5153)	1975.0	BUT
BCN	C Boulder City ..... Nevada, U.S.A. 193802-19750630.	35 58 51.0 N (35.9808)	114 50 02.0 W (114.8339)	776.0	USGS
(BCP)	see international code BCPM				
BCPM	Bancas Point ..... Southeastern Alaska, Alaska, U.S.A. opened 19790707. AGS code BCP.	59 57 12.0 N (59.9533)	139 38 06.0 W (139.6350)	396.0	AGS

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BCR	C	Bucaramanga ..... Colombio 19721011-1980.	7 01 10.0 N ( 7.0194)	73 10 35.0 W ( 73.1764)	750.0	BOG
BCS		Baptist College of Charleston ..... South Carolino, U.S.A. opened 19760331.	32 58 50.4 N (32.9807)	80 03 41.4 W ( 80.0615)	12.0	USGS
BCT		Brookfield ..... Connecticut, U.S.A. opened 19750610.	41 29 36.0 N (41.4933)	73 23 02.0 W ( 73.3839)	69.0	WES
BCU	C	Bear Canyon ..... Carbon County, Utah, U.S.A. 196201-197703.	39 35 54.0 N (39.5983)	110 22 15.0 W (110.3708)	2438.0	USGS
BCV	R	Bocano ..... Venezuela (Alternate Abbreviation for BD-PA)	...	...	...	CAR
BD- BD-PA	C	Bedford ..... Pennsylvania, U.S.A. 19621222-19630321.	40 08 00.0 N (40.1333)	78 30 28.0 W ( 78.5078)	366.0	LRSB
BDA	C	Boulder Dam ..... Arizona, U.S.A. 194104-1961.	36 00 55.5 N (36.0154)	114 44 11.9 W (114.7366)	237.0	NEIS
BDB	C	Bagneres de Bigorre ..... Gascogne, France 1960-1970.	43 03 54.0 N (43.0650)	0 08 54.0 E ( 0.1483)	561.0	STR
BDF	D	Brasilia ..... Distrito Federal, Brazil WWSS opened 197101? IDA opened 197704. DWSS opened 19820608.	15 39 49.8 S (15.6638)	47 54 12.0 W ( 47.9033)	1260.0	BDF DWSS WWSS IDA
BDFB	R	Brasilia ..... Distrito Federal, Brazil proposed GTSN station.	...	...	...	
BDG		Badger Mountain ..... Washington, U.S.A. opened 196903.	46 14 04.8 N (46.2347)	119 19 03.0 W (119.3175)	475.0	SEA
BDH		Highclere ..... Barbados opened 19781119.	13 12 10.8 N (13.2030)	59 35 20.4 W ( 59.5890)	308.0	TRN
BDI		Bagni di Lucca ..... Toscana, Italy opened 198310.	44 03 44.3 N (44.0623)	10 35 49.6 E ( 10.5971)	150.0	ROM
BDN		Bodon ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	53 54 .. N (53.9000)	110 06 .. E (110.1000)	1000.0	MOSR
BDO	C	Budoia ..... D'Entrecasteaux Islands, Papua New Guinea 19690723-19690728.	9 40 44.0 S ( 9.6789)	150 50 55.1 E (150.8486)	1.0	RAB
BDP	C	Braad Pass ..... Central Alaska, Alaska, U.S.A. 197108-197609.	63 13 52.2 N (63.2312)	149 15 33.6 W (149.2593)	709.0	GIA
BDS		Borbados (Husbonds) ..... Borbados opened 19690730.	13 08 45.6 N (13.1460)	59 37 33.6 W ( 59.6260)	110.0	TRN
BDT		Bhumibol Dam ..... Thailand (17.2443)	17 14 39.6 N (17.2443)	99 00 10.8 E ( 99.0030)	...	CHG
BDU		Big Dutch Hollow ..... Morgan County, Utah, U.S.A. opened 197409.	40 52 27.0 N (40.8742)	111 32 02.0 W (111.5339)	2198.0	SLC
BDV		Budva ..... Yugoslavia opened 19821225.	42 17 00.4 N (42.2834)	18 49 40.4 E ( 18.8279)	385.0	TTG
BDW		Boulder ..... Wyoming, U.S.A. opened 19770620.	42 46 34.2 N (42.7762)	109 34 05.8 W (109.5683)	2190.0	USTN
BE- BE-FL	C	(Alternate Abbreviation for BE-FL) Bellevue ..... Florida, U.S.A. 19651007-19670116; 19680117-19680119; 19690821- 19691010; 19710923-19711109; 19730507-19730522.	28 54 19.0 N (28.9053)	82 03 52.0 W ( 82.0644)	21.0	LRSB
BEA	C	Beatty ..... Nevada, U.S.A. 197201-197304.	36 53 .. N (36.8833)	116 46 .. W (116.7667)	...	USGS
BEC		Bermuda--Columbia ..... Bermuda opened 19390203. WWSS opened 19611228.	32 22 46.0 N (32.3794)	64 40 52.0 W ( 64.6811)	41.0	WWSS
BED	C	Bald Eagle ..... District of Columbia, U.S.A. (38.8200)	38 49 12.0 N (38.8200)	77 00 32.0 W ( 77.0089)	...	
BEG		Bergheim ..... Nordrhein-Westfalen, Fed. Rep. of Germany opened 197505	50 57 40.8 N (50.9613)	6 39 20.5 E ( 6.6557)	-95.0	BNS
BEGEV	F	(Keyword for telegraphic format)				
BEH		Bench ..... Central Alaska, Alaska, U.S.A. opened 198503.	66 00 54.0 N (66.0150)	149 48 42.0 W (149.8117)	...	GIA
(BEH)		see international code EKH				
BEHM		(Alternate Abbreviation for EKH)				
BEI		Bear River Range ..... Idaho, U.S.A. opened 197410. USTN closed.	42 07 00.0 N (42.1167)	111 46 56.3 W (111.7823)	1859.0	SLC USTN
BEK		Belvue ..... Kansas, U.S.A. opened 19770815.	39 15 47.4 N (39.2632)	96 11 58.8 W ( 96.1997)	349.0	LAK



## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BEL	C Belsk ..... Poland opened 19651103.	51 50 .. N (51.8333)	20 49 .. E ( 20.8167)	180.0	WAR
BEM	Bemidji ..... Minnesota, U.S.A. opened 19810707.	47 29 20.0 N (47.4889)	94 52 06.0 W ( 94.8683)	426.0	MNM
(BEM)	see international code EMT				
BEMM	(Alternate Abbreviation for EMT)				
BEN	C Bermuda--Navy ..... Bermuda (32.2697)	32 16 11.0 N (32.2697)	64 51 13.0 W ( 64.8536)	...	
BENE	Beatrice ..... Nebraska, U.S.A. (40.2167)	40 13 00.0 N (40.2167)	96 36 09.0 W ( 96.6025)	396.0	LAK
BENN	Benn Knob ..... North Carolina, U.S.A. opened 19820122.	35 33 57.6 N (35.5660)	81 39 39.6 W ( 81.6610)	878.0	TEIC
BEO	Beograd (Belgrade) ..... Yugoslavia (44.8214)	44 49 17.2 N (44.8214)	20 27 19.2 E ( 20.4553)	129.0	
BEP	C Beppu ..... Oita, Kyushu, Japan (33.2833)	33 17 .. N (33.2833)	131 29 .. E (131.4833)	75.0	
BER	D Bergen ..... Norway DWSS opened 19810810. (Alternate Abbreviation for BAD)	60 23 13.0 N (60.3869)	5 19 33.0 E ( 5.3258)	50.0	BER DWSS
BERI	Berlin ..... New York, U.S.A. (42.6913)	42 41 28.8 N (42.6913)	73 23 28.8 W ( 73.3913)	549.0	BLMY
BES	Besancon ..... Franche Comte, France opened 1950.	47 14 59.0 N (47.2497)	5 59 15.0 E ( 5.9875)	311.0	STR
BET	C Bethel ..... Western Alaska, Alaska, U.S.A. (60.8078)	60 48 28.0 N (60.8078)	161 46 18.0 W (161.7717)	...	
BETH	Bethel ..... Kentucky, U.S.A. opened 19801026.	38 14 48.1 N (38.2467)	83 51 11.2 W ( 83.8531)	278.0	TEIC
BEV	C Beverley ..... Jamaica 19621211-19630930. (Alternate Abbreviation for BF-CL)	18 27 06.0 N (18.4517)	77 18 00.0 W ( 77.3000)	123.0	TRN
BF-CL	C Bakersfield ..... Kern County, California, U.S.A. 19611028-19611106; 19620108-19620423; 19630419-19630709; 19680416-19680426.	35 38 53.0 N (35.6481)	118 51 27.0 W (118.8575)	567.0	LRSB
BFC	Buffalo Canyon ..... Nevada, U.S.A. opened 1978.	38 53 38.4 N (38.8940)	119 36 27.7 W (119.6077)	1734.0	REN
BFD	Bellfield ..... Victoria, Australia opened 19721016.	37 10 34.0 S (37.1761)	142 32 40.0 E (142.5444)	235.0	AUST
BFF	C Buffalo--Larkin ..... New York, U.S.A. opened 195103.	42 50 51.0 N (42.8475)	78 38 39.0 W ( 78.6442)	230.0	
BFM	Bigfork ..... Montana, U.S.A. (48.0672)	48 04 01.8 N (48.0672)	114 06 00.6 W (114.1002)	914.0	
BFS	Buffelsfontein ..... Transvaal, South Africa opened 1983.	26 53 54.0 S (26.8983)	26 47 06.0 E ( 26.7850)	1310.0	PRE
BFW	Baw Faw Mountain ..... Washington, U.S.A. opened 19721025. (Alternate Abbreviation for BG-ME)	46 29 12.0 N (46.4867)	123 12 53.4 W (123.2148)	902.0	SEA USTN
BG-ME	C Bangor ..... Maine, U.S.A. 19611104-19620801.	44 38 04.0 N (44.6344)	69 13 17.0 W ( 69.2214)	183.0	LRSB
BGA	Maunt Bagana ..... Bougainville Island, Papua New Guinea ( 6.1500)	6 09 00.0 S ( 6.1500)	155 10 48.0 E (155.1800)	1000.0	PMG
BGB	Big Butte ..... Nevada, U.S.A. opened 19790123.	37 02 16.0 N (37.0378)	116 13 40.0 W (116.2278)	1720.0	USGS
BGC	Balinger Road ..... Alameda County, California, U.S.A. opened 19690823. MNLO code CBR.	37 48 58.2 N (37.8162)	122 03 43.2 W (122.0620)	610.0	MNLO
BGD	Bagdanovka ..... Georgian S.S.R., U.S.S.R. (41.2667)	41 16 .. N (41.2667)	43 36 .. E ( 43.6000)	...	TIF
BGF	D Bais d'Agland ..... Bourbonnais, France (46.5578)	46 33 28.0 N (46.5578)	2 50 47.0 E ( 2.8464)	390.0	LDG
BGG	Burg Eltz ..... Rheinland-Pfalz, Fed. Rep. of Germany opened 19770502.	50 12 21.5 N (50.2060)	7 20 13.8 E ( 7.3372)	120.0	BNS
(BGG)	see international code BZN				
BGH	Bear Gulch ..... San Mateo County, California, U.S.A. opened 19711102. MNLO code JBG.	37 20 31.2 N (37.3420)	122 20 20.4 W (122.3390)	158.0	MNLO
BGI	R Bengkulu ..... Sumatera, Indonesia ( 3.6500)	3 39 .. S ( 3.6500)	102 34 .. E (102.5667)	...	DJA
BGIO	RD Bar Gityara ..... Israel	...	...	...	JER SRO
BGK	R Belogarka ..... Kirghiz S.S.R., U.S.S.R. (42.7000)	42 42 .. N (42.7000)	74 18 .. E ( 74.3000)	...	MOSR
BGKY	Bawling Green ..... Kentucky, U.S.A. (37.0055)	37 00 19.8 N (37.0055)	86 31 23.4 W ( 86.5232)	240.0	TVA

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TABLE 1

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Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BGM	Big Mountain ..... Western Alaska, Alaska, U.S.A. opened 19790221.	59 23 33.6 N (59.3927)	155 13 45.6 W (155.2293)	625.0	AGS
BGN	C Big Creek ..... Nevada, U.S.A. 197403-197508.	41 40 34.0 N (41.6761)	118 35 49.0 W (118.5969)	1527.0	REN
BGO	Bowling Green ..... Ohio, U.S.A. opened 196309.	41 22 41.0 N (41.3781)	83 39 33.0 W ( 83.6592)	212.0	
BGP	Bagra ..... Pakistan opened 19747	33 58 27.0 N (33.9742)	73 04 05.4 E ( 73.0682)	777.0	PAL
BGR	Bangor ..... New York, U.S.A. 197611-19770314; reopened 19770714.	44 49 43.8 N (44.8288)	74 22 27.0 W ( 74.3742)	326.0	PAL
BGS	F British Geological Survey, Edinburgh, UK				
BGV	Boc-Giong ..... Vietnam opened 196704. (Alternate Abbreviation for BH-YK)	21 17 38.9 N (21.2941)	106 13 42.9 E (106.2286)	15.0	PLV
BH-					
BH-YK	C Burwash Landing ..... Yukon Territory, Canada 19651016-19651115; 19680820-19680909.	61 22 14.0 N (61.3706)	139 08 29.0 W (139.1414)	861.0	LRSM
BHA	Kabwe (Broken Hill) ..... Zambia (14.4467)	14 26 48.0 S (14.4467)	28 28 06.0 E ( 28.4683)	1206.0	
BHD	Baghdad ..... Iraq opened 197907.	33 16 28.0 N (33.2744)	44 23 09.0 E ( 44.3858)	31.8	BHD
BHG	Bad Reichenhall ..... Bayern, Fed. Rep. of Germany opened 197203.	47 43 17.0 N (47.7214)	12 52 44.0 E ( 12.8789)	475.0	FUR
BHI	C Bertha Hill ..... Idaho, U.S.A. 197110-19760114.	46 45 50.4 N (46.7640)	115 47 31.2 W (115.7920)	1652.0	MSO
BHJ	Bhuj ..... Gujarat, India opened 198004.	23 15 .. N (23.2500)	69 41 .. E ( 69.6833)	...	NDI
BHK	Bhakra ..... Punjab, India opened 19650215.	31 25 .. N (31.4167)	76 25 .. E ( 76.4167)	410.0	NDI
BHKY	Bowman Hall ..... Kentucky, U.S.A. (38.0350)	38 02 06.0 N (38.0350)	84 30 18.0 W ( 84.5050)	297.0	BHKY
BHL	Bhannes ..... Lebanon opened 198004.	33 54 14.0 N (33.9039)	35 39 11.0 E ( 35.6531)	955.0	
BHO	Bethel ..... Oklahoma, U.S.A. opened 19810330.	34 22 50.9 N (34.3808)	94 52 02.2 W ( 94.8673)	143.0	TUL
(BHO)	see international code BHOK				
BHOK	R Bamura ..... Shiga, Hanshu, Japan opened 19750726. KYT code BHO.	35 14 41.0 N (35.2447)	135 52 22.0 E (135.8728)	380.0	KYT
BHP	C Balboa Heights ..... Panama 1914-197703. WWSS 19620116-197703.	8 57 39.0 N ( 8.9608)	79 33 29.0 W ( 79.5581)	36.0	WWSS
BHS	Barnard House ..... Saint Vincent, St. Vincent and the Grenadines (13.2963)	13 17 46.7 N (13.2963)	61 07 37.8 W ( 61.1272)	90.0	TRN
(BHS)	see international code BHSM				
BHSM	Hostings State Park ..... Monterey County, California, U.S.A. opened 19750904. MNLO code BHS.	36 21 20.9 N (36.3558)	121 32 23.3 W (121.5398)	646.0	MNLO
BHT	Blowhole ..... Tennessee, U.S.A. opened 19811023.	35 50 49.2 N (35.8470)	84 56 42.0 W ( 84.9450)	826.0	TEIC
BHW	R Baring Head ..... North Island, New Zealand opened 19751127. (Alternate Abbreviation for BI-VA)	41 24 33.0 S (41.4092)	174 52 17.0 E (174.8714)	...	WELW
BI-					
BI-VA	C Big Stone Gap ..... Virginia, U.S.A. 19621107-19621212.	36 50 45.0 N (36.8458)	82 42 25.0 W ( 82.7069)	549.0	LRSM
BI1	C Barter Island ..... Northern Alaska, Alaska, U.S.A. opened 197509.	70 07 54.6 N (70.1318)	143 38 30.0 W (143.6417)	10.0	GIA
BI2	C Barter Island ..... Northern Alaska, Alaska, U.S.A. opened 197509.	69 37 24.0 N (69.6233)	145 53 42.0 W (145.8950)	1100.0	GIA
BI3	C Barter Island ..... Northern Alaska, Alaska, U.S.A. opened 197509.	69 35 48.0 N (69.5967)	144 22 14.4 W (144.3707)	690.0	GIA
BI4	C Barter Island ..... Northern Alaska, Alaska, U.S.A. opened 197509.	69 31 12.6 N (69.5202)	142 58 48.0 W (142.9800)	745.0	GIA
BIAL	Biallo ..... New Britain, Papua New Guinea opened 19850513.	5 18 36.0 S ( 5.3100)	151 03 07.2 E (151.0520)	160.0	RAB
BIB	Bowen Island ..... British Columbia, Canada opened 19830120.	49 24 21.6 N (49.4060)	123 18 21.6 W (123.3060)	37.0	OTTR

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TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BID	C Bidston ..... England, United Kingdom	53 24 .. N (53.4000)	3 04 .. W ( 3.0667)	60.0	
BIE	R Brione ..... Trentino-Alto Adige, Italy Opened 19810615.	45 52 58.0 N (45.8828)	10 52 26.0 E ( 10.8739)	360.0	TRI
BIG	C Big Mountain ..... Western Alaska, Alaska, U.S.A. 19720731-19780908.	59 23 20.0 N (59.3889)	155 13 01.0 W (155.2169)	567.0	AGS
BIM	Bigot ..... Martinique opened 1972.	14 31 01.2 N (14.5170)	61 04 15.0 W ( 61.0708)	425.0	FDF
BIN	C Binza (Leopoldville) ..... Zaire 1966-before 1970.	4 22 .. S ( 4.3667)	15 15 .. E ( 15.2500)	450.0	
BING	Binghamton ..... New York, U.S.A. opened 19781018.	42 04 32.4 N (42.0757)	75 58 36.0 W ( 75.9767)	408.0	PAL USTN
BIO	C Biorko ..... Southeastern Alaska, Alaska, U.S.A. 19670608-197005.	56 51 06.0 N (56.8517)	135 33 30.0 W (135.5583)	61.0	USGS
BIPS	Buchanan ..... New York, U.S.A.	41 16 04.2 N (41.2678)	73 56 50.4 W ( 73.9473)	24.0	BLMY
BIR	Birlad ..... Romania opened 1979.	46 15 58.8 N (46.2663)	27 37 34.8 E ( 27.6263)	225.0	BUC
BIS	Bismark Peak ..... Nevada, U.S.A. opened 197803.	39 07 25.7 N (39.1238)	119 40 30.0 W (119.6750)	1786.0	REN
BIU	R Bingham Canyon ..... Salt Lake County, Utah, U.S.A.	40 30 47.0 N (40.5131)	112 08 08.0 W (112.1356)	2244.0	
BIZ	Bicaz ..... Romania	46 56 21.0 N (46.9392)	26 06 15.0 E ( 26.1042)	410.0	BUC
(BJC)	see international code JHC				
BJCM	(Alternate Abbreviation for JHC)				
BJI	Beijing (Peking) ..... Beijing, China (Mainland) closed 197703; reopened 197706.	40 02 25.0 N (40.0403)	116 10 30.0 E (116.1750)	43.0	BJI
BJI2	C Beijing (Peking) ..... Beijing, China (Mainland) 197703-197706. temporary station while BJI was closed.	40 06 06.0 N (40.1017)	116 04 54.0 E (116.0817)	...	BJI
(BJO)	see international code BJOM				
BJOM	Mount Johnson ..... San Benito County, California, U.S.A. opened 19740131. MNLO code BJO.	36 37 41.9 N (36.6283)	121 18 47.9 W (121.3133)	...	MNLO
BK-	(Alternate Abbreviation for BK-AR)				
BK-AR	C Bald Knab ..... Arkansas, U.S.A. 19620706-19620711; 19630212-19630410.	35 21 24.0 N (35.3567)	91 38 42.0 W ( 91.6450)	122.0	LRSM
BKA	Kennedy ..... Alabama, U.S.A.	33 38 02.0 N (33.6339)	87 58 08.4 W ( 87.9690)	122.0	ATL
BKB	C Balikpapan ..... Kalimantan, Indonesia Moved to BKB2.	1 15 21.0 S ( 1.2558)	116 54 55.8 E (116.9155)	...	DJA
BKB2	Balikpapan ..... Kalimantan, Indonesia	1 15 37.8 S ( 1.2605)	116 53 46.8 E (116.8963)	...	DJA
BKC	Brookwood Reservoir ..... Contra Costa County, California, U.S.A. opened 19710428. MNLO code CBW.	37 55 27.0 N (37.9242)	122 06 24.0 W (122.1067)	221.0	MNLO
BKI	Bering (Komandarsky Islands, Nikolskoe) ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R.	55 12 .. N (55.2000)	165 58 .. E (165.9667)	400.0	MOSR
BKL	Bakel ..... Senegal opened 19761101.	14 54 08.7 N (14.9024)	12 27 53.4 W ( 12.4648)	30.0	MBO
BKN	RD Blacknest ..... England, United Kingdom opened 19730222.	51 21 51.0 N (51.3642)	1 11 09.0 W ( 1.1858)	...	BKN
BKR	Bokuriani ..... Georgian S.S.R., U.S.S.R.	41 44 .. N (41.7333)	43 31 .. E ( 43.5167)	1500.0	MOS
BKS	Berkeley--Byerly ..... Alameda County, California, U.S.A. opened 19620608.	37 52 36.0 N (37.8767)	122 14 06.0 W (122.2350)	276.0	BRK WWSS
BKT	Bakocak ..... Turkey opened 1978.	40 08 31.2 N (40.1420)	29 08 09.6 E ( 29.1360)	1734.0	ISK
BKU	Beaver Lake Mountains ..... Beaver County, Utah, U.S.A. opened 198012. USTN closed.	38 32 06.6 N (38.5352)	113 07 36.6 W (113.1268)	1859.0	SLC USTN
BL-	(Alternate Abbreviation for BL-WV)				
BL-WV	C Beckley ..... West Virginia, U.S.A. 19611213-19650723; 19660531-19660603.	37 47 56.0 N (37.7989)	81 18 36.0 W ( 81.3100)	610.0	LRSM
BLA	Blacksburg ..... Virginia, U.S.A. opened 19620904.	37 12 40.7 N (37.2113)	80 25 15.6 W ( 80.4210)	634.0	BLA WWSS USTN
BLB	R Boldino ..... Amazonas, Brazil	...	...	...	BDF
BLC	Baker Lake ..... Northwest Territories, Canada opened 19650726. OTT 19650726-19770623.	64 19 .. N (64.3167)	96 01 .. W ( 96.0167)	16.0	OTTR

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Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BLCS	R Bulochko ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code BLS.	53 12 .. N (53.2000)	158 48 .. E (158.8000)	...	MOSR
BLD	R Boldzhuan ..... Tajik S.S.R., U.S.S.R.	38 18 .. N (38.3000)	69 42 .. E ( 69.7000)	...	MOSR
BLE	Bellville ..... Cape Province, South Africa	33 54 00.0 S (33.9000)	18 38 42.0 E ( 18.6450)	78.0	PRE
BLF	Bloemfontein ..... Orange Free State, South Africa	29 06 32.0 S (29.1089)	26 11 17.0 E ( 26.1881)	1420.0	PRE
BLG	D Laguna Peak ..... Ventura County, California, U.S.A. opened 196911. PAS code SBLG.	34 06 34.2 N (34.1095)	119 03 51.0 W (119.0642)	415.0	PAS
BLK	C Black Butte ..... Montana, U.S.A. 19710207-19761004.	48 51 16.8 N (48.8547)	115 07 03.6 W (115.1177)	969.0	MSO
(BLK)	see international code BLKC				
BLKC	R Black Mountain ..... San Bernardino County, California, U.S.A. opened 198104. PAS code BLK.	35 05 16.8 N (35.0880)	117 13 06.6 W (117.2185)	648.0	PAS
BLL	C Bellingham ..... Washington, U.S.A. 196112-1969.	48 44 20.0 N (48.7389)	122 29 05.0 W (122.4847)	96.0	
BLM	Blue Mountain ..... Alaska Peninsula, Alaska, U.S.A. opened 1975.	58 02 48.0 N (58.0467)	156 20 12.0 W (156.3367)	550.0	GIA
BLMY	R Blum ..... New York, U.S.A. opened 19750616.	41 19 47.0 N (41.3297)	73 57 18.0 W ( 73.9550)	134.0	BLMY
BLN	Blyn Mountain ..... Washington, U.S.A. opened 19700702.	48 00 26.5 N (48.0074)	122 58 18.6 W (122.9718)	585.0	SEA
BLO	Bloomington ..... Indiana, U.S.A. opened 196112.	39 10 19.0 N (39.1719)	86 31 20.0 W ( 86.5222)	230.0	
BLP	D Lompac ..... Santa Barbara County, California, U.S.A. opened 196911. PAS code SBLP.	34 33 37.2 N (34.5603)	120 24 01.8 W (120.4005)	134.0	PAS USTN
BLR	Black Rapids ..... Central Alaska, Alaska, U.S.A. opened 196503.	63 30 06.0 N (63.5017)	145 50 42.0 W (145.8450)	809.0	PMR
(BLR)	see international code BLRM				
BLRM	Lewis Ranch ..... San Benito County, California, U.S.A. opened 19730215. MNLO code BLR.	36 39 57.6 N (36.6660)	121 16 21.7 W (121.2727)	232.0	MNLO
BLS	R Blanchard Spring ..... Arkansas, U.S.A.	...	...	...	
(BLS)	see international code BLCS				
BLT	Belted Range ..... Nevada, U.S.A. opened 19790530.	37 28 56.0 N (37.4822)	116 07 21.0 W (116.1225)	1820.0	USGS
BLU	D Blue Ridge ..... Los Angeles County, California, U.S.A. opened 197502.	34 24 19.2 N (34.4053)	117 43 31.2 W (117.7253)	1880.0	PAS
BLV	C Bailadores ..... Venezuela 19690801-19700929.	8 11 27.0 N ( 8.1908)	71 49 32.0 W ( 71.8256)	1110.0	CAR
BLVT	Baltimore ..... Vermont, U.S.A. WES code BVT.	43 20 55.7 N (43.3488)	72 35 07.1 W ( 72.5853)	300.0	WES
BLW	R Big Hill ..... North Island, New Zealand opened 19790629.	41 22 07.0 S (41.3686)	175 28 28.0 E (175.4744)	340.0	WELW
BLY	Banja Luka ..... Yugoslavia opened 197505.	44 44 55.6 N (44.7488)	17 11 02.0 E ( 17.1839)	256.0	
BLZ	Bolzano ..... Trentino-Alto Adige, Italy opened 19710506.	46 30 17.8 N (46.5049)	11 20 48.6 E ( 11.3468)	280.0	
BM-	(Alternate Abbreviation for BM-TX)				
BM-TX	C Bolmarhea ..... Texas, U.S.A. 19620120-19620215.	30 55 35.0 N (30.9264)	103 51 18.0 W (103.8550)	1067.0	LRSM
BMA	Barra Manso ..... Rio de Janeiro, Brazil	22 41 42.0 S (22.6950)	44 09 13.0 W ( 44.1536)	595.0	
BMB	Barrage Mohamed Ben Abdallah ..... Morocco opened 1978.	33 55 48.0 N (33.9300)	6 45 00.0 W ( 6.7500)	...	SPGM
(BMC)	see international code BMCM				
BMCM	McPhoils Peak ..... Monterey County, California, U.S.A. opened 19750126. MNLO code BMC.	36 39 24.1 N (36.6567)	121 21 54.7 W (121.3652)	1022.0	MNLO
BME	Barrage Mansour Eddahbi ..... Morocco opened 197503.	30 54 56.0 N (30.9156)	6 45 37.0 W ( 6.7603)	1078.0	SPGM
BMG	Bucaramanga ..... Colombia opened 198206?	7 04 18.2 N ( 7.0717)	73 04 31.2 W ( 73.0753)	1000.0	BOG
(BMH)	see international code BMHM				

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TABLE 1

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BMHM		Mount Harlan ..... Monterey County, California, U.S.A. opened 19750129. MNLO code BMH.	36 41 10.7 N (36.6863)	121 24 47.9 W (121.4133)	811.0	MNLO
BMI	R	Bomdilo ..... Arunochal Pradesh, India opened 198307.	27 18 .. N (27.3000)	92 12 .. E ( 92.2000)	2500.0	JHI
BMK		Barroge el Mokhazine ..... Morocco opened 197906.	34 56 27.6 N (34.9410)	5 50 34.8 W ( 5.8430)	...	SPGM
(BMK)		see international code BMKS				
BMKS	R	Bomnak ..... Amurskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code BMK.	54 42 .. N (54.7000)	128 54 .. E (128.9000)	...	MOSR
BML	C	Blue Mountain Lake ..... New York, U.S.A. 197109-197310.	43 52 04.8 N (43.8680)	74 24 07.2 W ( 74.4020)	305.0	PAL
BMM	C	Big Maria Mountains ..... Riverside County, California, U.S.A. 197404-197610.	33 45 24.0 N (33.7567)	114 35 08.4 W (114.5857)	564.0	PAS
BMN		Battle Mountain ..... Nevada, U.S.A. opened 19690902.	40 25 53.3 N (40.4315)	117 13 18.4 W (117.2218)	1500.0	REN USTN
BMO	C	Blue Mountains Arroyo ..... Oregon, U.S.A. 1962-19750512.	44 50 56.0 N (44.8489)	117 18 20.0 W (117.3056)	1189.0	NEIS
BMR		Baia Mare ..... Romania opened 1979.	47 40 22.0 N (47.6728)	23 29 49.0 E ( 23.4969)	227.0	BUC
(BMR)		see international code BMRM				
(BMR)		see international code BMRR				
BMRM		Bremner River ..... Central Alaska, Alaska, U.S.A. opened 19790912. AGS code BMR.	60 57 30.0 N (60.9583)	144 34 58.8 W (144.5830)	1265.0	AGS
BMRR	R	Black Mountain ..... Plumas County, California, U.S.A. opened 197805. REN code BMR.	40 06 31.3 N (40.1087)	120 17 27.6 W (120.2910)	2146.0	REN
BMS		Big Muddy Lake ..... Saskatchewan, Canada opened 19770711.	49 12 42.1 N (49.2117)	104 47 35.9 W (104.7933)	700.0	OTTR
(BMS)		see international code BMSM				
BMSM		Mersey Hot Springs ..... San Benito County, California, U.S.A. opened 19731206. MNLO code BMS.	36 39 28.8 N (36.6580)	120 47 37.3 W (120.7937)	769.0	MNLO
BMT		(Alternate Abbreviation for BLM)				
(BMT)		see international code BMTC				
BMT*	C	Black Mountain ..... Nevada, U.S.A. 19800226-1982.	37 17 01.0 N (37.2836)	116 32 01.0 W (116.5336)	1920.0	USGS
BMTC	D	Bear Mountain ..... Kern County, California, U.S.A. opened 197608. PAS code BMT.	35 08 08.9 N (35.1358)	118 35 48.5 W (118.5968)	1237.0	PAS
BMTN		Black Mountain ..... Nevada, U.S.A. opened 19830415.	37 17 21.2 N (37.2892)	116 38 25.8 W (116.6405)	2098.0	USGS
BMUT		Black Mountain ..... Rich County, Utah, U.S.A. opened 197910.	41 57 29.4 N (41.9582)	111 14 03.0 W (111.2342)	2243.0	SLC
BMV	R	Bingley Moor ..... England, United Kingdom	53 52 11.4 N (53.8698)	2 49 06.6 W ( 2.8185)	235.0	OMB
BNA	R	Boriloché ..... Rio Negro, Argentina	...	...	...	SJA
BNB	R	Barry Inlet ..... British Columbia, Canada opened 198509.	52 34 33.0 N (52.5758)	131 45 08.0 W (131.7522)	765.0	OTTR
BND	C	Bondung ..... Jawa, Indonesia ( 6.9000)	6 54 .. S ( 6.9000)	107 39 .. E (107.6500)	726.0	
BNE		Burnie High School ..... Tasmania, Australia (41.0625)	41 03 45.0 S (41.0625)	145 51 55.0 E (145.8653)	70.0	
BNG		Bangui ..... Central African Republic ( 4.4350)	4 26 06.0 N ( 4.4350)	18 32 48.0 E ( 18.5467)	378.0	
BNH		Berlin ..... New Hampshire, U.S.A. opened 196301.	44 35 26.0 N (44.5906)	71 15 23.0 W ( 71.2564)	472.0	WES USTN
BNP		Banawong ..... Luzon, Philippines (14.6188)	14 37 07.8 N (14.6188)	120 24 49.1 E (120.4136)	70.8	
BNPN	R	Boundary Peak ..... Nevada, U.S.A. (37.9885)	37 59 18.6 N (37.9885)	118 18 06.0 W (118.3017)	2438.0	CDWR
BNS		Bensberg ..... Nordrhein-Westfalen, Fed. Rep. of Germany opened 195404.	50 57 50.0 N (50.9639)	7 10 32.0 E ( 7.1756)	200.0	BNS
BNT		Bondirma ..... Turkey opened 19840101.	40 21 22.0 N (40.3561)	27 55 12.0 E ( 27.9200)	354.0	ISK
BNV	C	Benevento ..... Compania, Italy (41.1333)	41 08 .. N (41.1333)	14 18 .. E ( 14.3000)	154.0	
BNY		Binghamton ..... New York, U.S.A. opened 197008.	42 05 22.5 N (42.0896)	75 58 15.0 W ( 75.9708)	291.0	
BO-		(Alternate Abbreviation for BO-AL)				

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TABLE 1

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Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BO-AL	C Brewton ..... Alabama, U.S.A. 19651202-19651213.	31 10 11.0 N (31.1697)	86 51 35.0 W ( 86.8597)	76.0	LRSN
BO1	C Boulder ..... Colorado, U.S.A.	40 00 46.0 N (40.0128)	105 15 06.0 W (105.2517)	1669.0	
BOA	Boaco ..... Nicaragua opened 1975.	12 28 54.6 N (12.4818)	85 43 04.2 W ( 85.7178)	550.0	APY
BOC	Bachum ..... Nordrhein-Westfalen, Fed. Rep. of Germany 1907-1909; 1934-1943; reopened 195512.	51 29 22.0 N (51.4894)	7 12 50.0 E ( 7.2139)	64.0	
BOCO	D Bogota ..... Colombia opened 197712.	4 35 12.7 N ( 4.5869)	74 02 35.7 W ( 74.0432)	3071.0	BOG SRO
BOD	Baduybo ..... Irkutskaya Oblast, R.S.F.S.R., U.S.S.R.	57 51 .. N (57.8500)	114 11 .. E (114.1833)	250.0	MOS
(BOD)	see international code BODR				
BODR	U Bodie ..... Mono County, California, U.S.A. 197605-197707. REN code BOD.	38 09 46.1 N (38.1628)	118 58 12.7 W (118.9702)	2195.0	REN
BOF	R Bonneval ..... Savoie, France opened 19810701.	45 21 14.4 N (45.3540)	7 01 48.0 E ( 7.0300)	1800.0	LDG
BOG	Bogota ..... Colombia opened 194109. WWSS opened 19620504.	4 37 23.0 N ( 4.6231)	74 03 54.0 W ( 74.0650)	2658.0	BOG WWSS
BOH	Bahacartia ..... Bearn, France	43 06 09.7 N (43.1027)	1 00 42.1 W ( 1.0117)	1150.0	PAR
BOI	R Boisen ..... New Britain, Papua New Guinea	4 11 16.0 S ( 4.1878)	152 11 58.0 E (152.1994)	18.0	RAB
BOK	Bakara ..... Bihar, India	23 50 .. N (23.8333)	85 48 .. E ( 85.8000)	298.0	NDI
BOL	Bologna ..... Emilia-Romagna, Italy	44 29 12.0 N (44.4867)	11 19 44.4 E ( 11.3290)	80.0	ROM
BOM	Bambay (Calabo) ..... Maharashtra, India	18 53 45.0 N (18.8958)	72 48 56.0 E ( 72.8156)	6.0	NDI
BON	D Bands Corner ..... Imperial County, California, U.S.A. opened 197303.	32 41 40.2 N (32.6945)	115 16 06.6 W (115.2685)	14.0	PAS
(BON)	see international code BONR				
BONR	Boundary Peak ..... Nevada, U.S.A. opened 197407. REN code BON.	37 57 18.7 N (37.9552)	118 18 06.1 W (118.3017)	2582.0	REN
BOO	Bardano ..... Friuli-Venezia Giulia, Italy Opened 19770509.	46 19 12.0 N (46.3200)	13 06 00.0 E ( 13.1000)	444.0	TRI
(BOO)	see international code BOOC				
BOOC	R South Base Booster ..... Kern County, California, U.S.A. opened 198203. PAS code BOO.	34 52 04.8 N (34.8680)	117 54 37.2 W (117.9103)	704.0	PAS
BOR	C Borzhomi ..... Georgian S.S.R., U.S.S.R.	41 50 .. N (41.8333)	43 23 .. E ( 43.3833)	...	
BORI	(Alternate Abbreviation for BOO)				
BOS	C Bosque Alegre ..... Cordoba, Argentina	31 35 54.0 S (31.5983)	64 32 45.0 W ( 64.5458)	1200.0	
BOT	Bacolet ..... Tobago, Trinidad and Tobago	11 10 00.0 N (11.1667)	60 43 04.6 W ( 60.7179)	30.0	TRN
BOU	C Boulder ..... Colorado, U.S.A. 195312-1959; 196510-1968.	40 00 30.0 N (40.0083)	105 16 15.0 W (105.2708)	1654.0	BOU
BOV	C Bogong ..... Victoria, Australia 1963-1967.	36 48 28.0 S (36.8078)	147 13 39.0 E (147.2275)	700.0	CAN
BOW	Bowman ..... South Carolina, U.S.A. opened 19771023.	33 22 25.0 N (33.3736)	80 38 35.0 W ( 80.6431)	...	USGS
BOX	R Box Canyon ..... Nevada, U.S.A. opened 198001.	39 36 55.1 N (39.6153)	118 10 34.7 W (118.1763)	1283.0	REN
BOZ	C Bozemon ..... Montana, U.S.A. 19630303-196803.	45 36 .. N (45.6000)	111 38 .. W (111.6333)	1575.0	WWSS
BP-	(Alternate Abbreviation for BP-CL)				
BP-CL	C Bishop ..... Inyo County, California, U.S.A. 19630416-19630718; 19660827-19660909; 19680413- 19680426; 19690829-19691010; 19730508-19730522.	37 21 36.0 N (37.3600)	118 41 25.0 W (118.6903)	2317.0	LRSN
BPA	Boggy Peak ..... Antigua, Antigua and Barbuda opened 19800709. also sent to NEIS by FDF.	17 02 45.6 N (17.0460)	61 51 25.2 W ( 61.8570)	396.0	TRN
(BPC)	see international code BPCM				
BPCM	Pine Canyon ..... Monterey County, California, U.S.A. opened 19760214. MNLO code BPC.	36 33 54.0 N (36.5650)	121 38 08.9 W (121.6358)	268.0	MNLO
BPE	F (keyword for telegraphic format)				
(BPF)	see international code BPFM				
BPFM	Pfeiffer Point ..... Monterey County, California, U.S.A. opened 19731218. MNLO code BPF.	36 13 48.0 N (36.2300)	121 46 18.1 W (121.7717)	349.0	MNLO

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BPI	Bernard Price Institute, Johannesburg .....	26 10 30.0 S	28 01 48.0 E	1700.0	PRE
	Transvaal, South Africa	(26.1750)	( 28.0300)		
(BPI)	see international code BPIM				
BPIL	Belle Prairie .....	38 12 07.0 N	88 35 31.0 W	133.0	SLM
	Illinois, U.S.A.	(38.2019)	( 88.5919)		
BPIM	Pinnacles .....	36 29 24.0 N	121 10 06.6 W	329.0	MNLO
	San Benito County, California, U.S.A.	(36.4900)	(121.1685)		
	opened 19750703. MNLO code BPI.				
BPk	C Black Peak .....	34 07 28.8 N	114 12 34.8 W	504.0	PAS
	Arizona, U.S.A.	(34.1247)	(114.2097)		
	197404-19761109.				
BPM	Bucksport .....	44 37 54.1 N	68 47 21.5 W	80.0	WES
	Maine, U.S.A.	(44.6317)	( 68.7893)		
BPN	F (keyword for telegraphic format)				
(BPP)	see international code BPPM				
BPPM	Pinyan Peak .....	36 10 07.3 N	121 22 40.8 W	1591.0	MNLO
	Monterey County, California, U.S.A.	(36.1687)	(121.3780)		
	opened 19731219. MNLO code BPP.				
BPT	C Bridgeport .....	41 13 19.5 N	73 14 32.0 W	83.0	WES
	Connecticut, U.S.A.	(41.2221)	( 73.2422)		
	19720107-19770610.				
BPU	C Bountiful Peak .....	40 57 15.0 N	111 49 03.0 W	2652.0	SLC
	Davis County, Utah, U.S.A.	(40.9542)	(111.8175)		
	197410-197503.				
BPZ	F (keyword for telegraphic format)				
BO-AK	C Bethel .....	60 46 44.0 N	161 53 01.0 W	46.0	LRSB
	Western Alaska, Alaska, U.S.A.	(60.7789)	(161.8836)		
	19670706-19670910				
BOA	Mbenggo .....	18 22 55.0 S	178 08 06.0 E	439.0	SVA
	Fiji	(18.3819)	(178.1350)		
	opened 197910.				
BOB	Bob Quinn Lake .....	57 01 21.6 N	130 14 25.2 W	1310.0	OTTR
	British Columbia, Canada	(57.0227)	(130.2403)		
	opened 19811009.				
BR-	(Alternate Abbreviation for BR-PA)				
BR-PA	C Berlin .....	39 55 27.0 N	78 50 41.0 W	665.0	LRSB
	Pennsylvania, U.S.A.	(39.9242)	( 78.8447)		
	19621230-19650723.				
BRA	C Bratislava .....	48 10 06.0 N	17 06 18.0 E	270.0	BRA
	Czechoslovakia	(48.1683)	( 17.1050)		
	closed 1977?				
BRAS	R Brasopolis .....	...	...	...	
	Minas Gerais, Brazil				
BRB	C Barbados (Cadrington) .....	13 07 19.2 N	59 36 21.6 W	55.0	TRN
	Barbados	(13.1220)	( 59.6060)		
	19550630-19690725.				
BRBC	Blue Ridge Broadcasting Company .....	35 44 20.4 N	82 17 09.6 W	1976.0	TEIC
	North Carolina, U.S.A.	(35.7390)	( 82.2860)		
	opened 19820526.				
BRC	C Barley Canyon .....	35 53 25.0 N	106 42 41.0 W	2261.0	LOA
	New Mexico, U.S.A.	(35.8903)	(106.7114)		
	opened 197606.				
BRD	Bardesti .....	45 31 .. N	27 03 .. E	356.0	BUC
	Romania	(45.5167)	( 27.0500)		
BRE	C Breslau (Wroclaw) .....	51 04 .. N	17 00 .. E	125.0	
	Poland	(51.0667)	( 17.0000)		
	destroyed in World War II.				
BRG	Berggiesshubel .....	50 52 26.0 N	13 56 45.0 E	296.0	
	German Dem. Rep.	(50.8739)	( 13.9458)		
(BRG)	see international code BCG				
(BRG)	see international code BRGC				
BRGC	R Borrego Mountain .....	33 10 16.2 N	116 10 26.4 W	219.0	PAS
	San Diego County, California, U.S.A.	(33.1712)	(116.1740)		
	opened 198103. PAS code BRG.				
BRH	C Birch Hill .....	64 51 53.4 N	147 38 25.2 W	330.0	GIA
	Central Alaska, Alaska, U.S.A.	(64.8648)	(147.6403)		
	19700709-19720810.				
BRi	C Brig .....	46 18 55.0 N	7 59 44.0 E	708.0	
	Switzerland	(46.3153)	( 7.9956)		
	opened 197409.				
BRJ	C Black River .....	18 02 00.0 N	77 52 06.0 W	8.0	TRN
	Jamaica	(18.0333)	( 77.8683)		
	19611105-19640307.				
BRK	Berkeley--Haviland .....	37 52 24.0 N	122 15 36.0 W	81.0	BRK
	Alameda County, California, U.S.A.	(37.8733)	(122.2600)		
	opened 1887.				
BRL	Berlin--Free University .....	52 28 17.5 N	13 17 25.6 E	-68.0	
	Berlin (West), Fed. Rep. of Germany	(52.4715)	( 13.2904)		
	19700101-19720328; reopened 19801121.				
	Moved slightly 19821101.				
BRLK	Bradley Lake .....	59 45 51.0 N	150 53 07.8 W	631.0	AGS
	Kenai Peninsula, Alaska, U.S.A.	(59.7642)	(150.8855)		
	opened 19801128.				
BRM	C Bernie .....	36 38 00.0 N	90 03 35.0 W	109.0	SLM
	Missouri, U.S.A.	(36.6333)	( 90.0597)		
	1969-1973.				
(BRM)	see international code BRMM				
BRMM	Rolling Bench Mark .....	36 50 04.2 N	120 49 25.3 W	372.0	MNLO
	Fresno County, California, U.S.A.	(36.8345)	(120.8237)		
	opened 19731203. MNLO code BRM.				

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BRN	Berlin ..... Berlin (West), Fed. Rep. of Germany opened 19720329.	52 25 07.5 N (52.4188)	13 12 11.2 E ( 13.2031)	45.0	
BRNE	C Bradley Lake NE ..... Kenai Peninsula, Alaska, U.S.A. 19801012-19840629.	59 54 39.0 N (59.9108)	150 39 07.8 W (150.6522)	1219.0	AGS
BRNW	C Bradley Lake NW ..... Kenai Peninsula, Alaska, U.S.A. 19801003-19840629.	59 50 15.0 N (59.8375)	151 10 09.0 W (151.1692)	582.0	AGS
BRO	Bare Mountain ..... Nevada, U.S.A. opened 19781128.	36 45 46.0 N (36.7628)	116 37 31.0 W (116.6253)	920.0	USGS
BRR	C Berryman ..... Missouri, U.S.A. 1960-1962.	37 57 12.0 N (37.9533)	91 10 30.0 W ( 91.1750)	250.0	SLM
BRS	Brisbane ..... Queensland, Australia opened 1963.	27 23 30.0 S (27.3917)	152 46 30.0 E (152.7750)	525.0	BRS
BRSE	C Bradley Lake SE ..... Kenai Peninsula, Alaska, U.S.A. 19801010-19840629.	59 42 19.8 N (59.7055)	150 40 15.0 W (150.6708)	975.0	AGS
BRSW	C Bradley Lake SW ..... Kenai Peninsula, Alaska, U.S.A. 19801012-19840629.	59 38 27.6 N (59.6410)	151 02 41.4 W (151.0448)	951.0	AGS
BRT	Bari-Costellana ..... Puglia, Italy Also sent to NEIS by ROM. see international code BRTC	40 52 40.0 N (40.8778)	17 12 13.0 E ( 17.2036)	...	
(BRT)					
BRTC	R Bertell Ranch ..... Los Angeles County, California, U.S.A. opened 198105. PAS code BRT.	34 36 41.4 N (34.6115)	117 57 46.8 W (117.9630)	789.0	PAS
BRV	Barrow ..... Northern Alaska, Alaska, U.S.A. see international code LRV (Alternate Abbreviation for LRV)	71 16 27.0 N (71.2742)	156 47 05.0 W (156.7847)	15.0	GIA
(BRV)					
BRVM					
BRW	Barrow ..... Northern Alaska, Alaska, U.S.A. 196501-197506; reopened 19830707.	71 18 12.0 N (71.3033)	156 44 54.0 W (156.7483)	...	PMR USTN
BRY	Bratoglas ..... Yugoslavia opened 19821225.	42 54 02.6 N (42.9007)	18 32 38.2 E ( 18.5439)	1367.0	TTG
BRZ	Barland Lodge ..... South Island, New Zealand opened 19790922.	45 46 45.0 S (45.7792)	167 32 19.0 E (167.5386)	190.0	WEL
BS-MA	C Billings ..... Montana, U.S.A. 19671128-19671210	45 43 56.0 N (45.7322)	108 53 32.0 W (108.8922)	1219.0	LRSN
BSA	C (Alternate Abbreviation for BYt)				
(BSB)	see international code BSBM				
BSBM	Swanson's Bluff ..... San Benito County, California, U.S.A. opened 19750625. MNLO code BSB.	36 44 16.1 N (36.7378)	121 17 12.5 W (121.2868)	398.0	MNLO
BSC	D Santa Cruz Island ..... Santa Barbara County, California, U.S.A. opened 196911. PAS code SBSC.	33 59 40.8 N (33.9947)	119 37 59.4 W (119.6332)	457.0	PAS
(BSC)	see international code BSCM				
(BSC)	see international code BSCP				
BSCM	Stone Canyon ..... San Benito County, California, U.S.A. opened 19761006. MNLO code BSC.	36 37 58.8 N (36.6330)	121 14 03.1 W (121.2342)	357.0	MNLO
BSCP	RD Brooks Farm ..... Imperial County, California, U.S.A. opened 197303. PAS code BSC.	32 43 29.4 N (32.7248)	115 02 38.4 W (115.0440)	43.0	PAS
BSE	Boise ..... Idaho, U.S.A. opened 197505.	43 39 00.0 N (43.6500)	116 05 30.0 W (116.0917)	...	BSE
BSF	D Ballon de Servance ..... Franche Comte, France see international code SHG (Alternate Abbreviation for SHG)	47 49 55.0 N (47.8319)	6 47 32.0 E ( 6.7922)	1200.0	LDG
(BSG)					
BSGM					
BSI	Bondo Aceh ..... Sumatera, Indonesia ( 5.4962) ( 95.2947)	5 29 46.2 N ( 5.4962)	95 17 40.8 E ( 95.2947)	...	DJA
BSK	Brimstone Hill ..... Saint Christopher, Saint Christopher-Nevis opened 19800709.	17 20 49.2 N (17.3470)	62 50 24.0 W ( 62.8400)	125.0	TRN
BSL	Borgo San Lorenzo ..... Toscana, Italy opened 197711.	43 58 48.6 N (43.9802)	11 26 03.1 E ( 11.4342)	...	
(BSL)	see international code BSLM				
BSLM	Silvo Ranch ..... San Benito County, California, U.S.A. opened 19750716. MNLO code BSL.	36 46 31.8 N (36.7755)	121 20 57.5 W (121.3493)	155.0	MNLO
BSM	D San Miguel Island ..... Santa Barbara County, California, U.S.A. opened 196911. PAS code SBSM.	34 02 15.0 N (34.0375)	120 20 59.4 W (120.3498)	172.0	PAS
BSN	D San Nicolas Island ..... Ventura County, California, U.S.A. opened 197003. PAS code SBSN.	33 14 42.0 N (33.2450)	119 30 24.0 W (119.5067)	259.0	PAS



## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BSO	Bsor ..... Israel opened 1983.	31 16 01.2 N (31.2670)	34 29 06.0 E ( 34.4850)	140.0	JER
BSP	C Bush Stream ..... South Island, New Zealand 1975-19831121.	43 52 14.0 S (43.8706)	170 06 15.0 E (170.1042)	750.0	WELP
BSR	R Basra ..... Iraq	30 36 .. N (30.6000)	47 48 .. E ( 47.8000)	...	BHD
(BSR)	see international code BSRM				
BSRM	Salinas Radio Site ..... Monterey County, California, U.S.A. opened 19770309. MNLO code BSR.	36 40 03.0 N (36.6675)	121 31 09.5 W (121.5193)	396.0	MNLO
BSS	Baronissi ..... Campania, Italy	40 47 26.2 N (40.7906)	14 48 22.0 E ( 14.8061)	205.0	ROM
BST	Brest ..... Bretagne, France opened 198303.	48 18 11.4 N (48.3032)	4 03 41.5 W ( 4.0615)	280.0	
BSTOP	F (keyword for telegraphic format)				
BT-	(Alternate Abbreviation for BT-OR)				
BT-OR	C Bates ..... Oregon, U.S.A.	44 37 28.0 N (44.6244)	118 46 16.0 W (118.7711)	1372.0	LRSM
BTB	Buttle Lake ..... British Columbia, Canada opened 198409.	49 28 06.0 N (49.4683)	125 31 17.0 W (125.5214)	1600.0	WCTN
BTC	Butembo ..... Zaire opened 196901.	0 08 .. N ( 0.1333)	29 17 .. E ( 29.2833)	...	
BTG	Basse Terre (Fort St. Charles) ..... Guadeloupe opened 1976.	15 59 24.6 N (15.9902)	61 43 09.0 W ( 61.7192)	42.0	FDF
(BTG)	see international code BTGS				
BTGS	R Batagay ..... Yakutskaya ASSR, R.S.F.S.R., U.S.S.R. MOS code BTG.	67 42 .. N (67.7000)	134 36 .. E (134.6000)	...	MOSR
BTI	C Bat Shelomo ..... Israel closed 198307.	32 36 50.4 N (32.6140)	35 00 57.6 E ( 35.0160)	300.0	JER
BTk	R Batken ..... Kirghiz S.S.R., U.S.S.R.	40 06 .. N (40.1000)	70 48 .. E ( 70.8000)	...	MOSR
BTL	RD Butler Peak ..... San Bernardino County, California, U.S.A. opened 197511.	34 15 25.9 N (34.2572)	117 00 11.9 W (117.0033)	2526.0	PAS
BTN	C Butuan ..... Mindanao, Philippines 1914-about 1943.	8 56 .. N ( 8.9333)	125 32 .. E (125.5333)	2.0	MAN
BTNI	Buton ..... Sulawesi, Indonesia Location uncertain.	5 00 .. S ( 5.0000)	122 55 .. E (122.9167)	...	DJA
BTO	Baotou (Pootou) ..... Inner Mongolia, China (Mainland)	40 35 54.0 N (40.5983)	110 01 06.0 E (110.0183)	1120.0	BJI
BTP	R Batelco ..... Luzon, Philippines	14 41 27.4 N (14.6909)	120 30 54.1 E (120.5150)	32.4	
BTR	C Butare (Astrida) ..... Rwanda 196806-? formerly AST.	2 37 .. S ( 2.6167)	29 44 .. E ( 29.7333)	1648.0	
BTW	Bitterwater Creek ..... Monterey County, California, U.S.A. opened 19720127. MNLO code PBW.	36 18 54.0 N (36.3150)	120 55 45.0 W (120.9292)	381.0	MNLO
BTY	C Beatty ..... Nevada, U.S.A. 197101-197304.	36 53 .. N (36.8833)	116 46 .. W (116.7667)	1183.0	USGS
BU-	(Alternate Abbreviation for BU-QB)				
BU-QB	C Buckingham ..... Quebec, Canada 19620724-19621005.	45 46 03.0 N (45.7675)	75 32 25.0 W ( 75.5403)	183.0	LRSM
BUA	Buia ..... Friuli-Venezia Giulia, Italy Opened 19770506.	46 13 06.0 N (46.2183)	13 07 24.0 E ( 13.1233)	320.0	TRI
BUB	CD Buchberg ..... Switzerland 197112-1981.	47 44 56.0 N (47.7489)	8 36 10.0 E ( 8.6028)	740.0	ZUR
BUC	Bucharest ..... Romania opened 19350101.	44 24 49.0 N (44.4136)	26 05 48.0 E ( 26.0967)	62.0	BUC
BUC1	Bucharest ..... Romania opened 197704.	44 20 48.0 N (44.3467)	26 01 48.0 E ( 26.0300)	75.0	BUC
BUC2	(Alternate Abbreviation for BUC1)				
BUD	Budapest ..... Hungary	47 29 01.0 N (47.4836)	19 01 26.0 E ( 19.0239)	196.0	BUD
BUF	C Buffalo ..... New York, U.S.A. 1912-1974.	42 56 .. N (42.9333)	78 51 .. W ( 78.8500)	195.0	
BUG	Bochum--University ..... Nordrhein-Westfalen, Fed. Rep. of Germany opened 197110.	51 26 43.9 N (51.4455)	7 15 51.6 E ( 7.2643)	135.0	
BUH	Buehlerhoehe ..... Baden-Wuerttemberg, Fed. Rep. of Germany opened 19670201.	48 40 31.7 N (48.6755)	8 13 42.3 E ( 8.2284)	750.0	KRW

CODES

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BUI	R	Burke ..... Idaho, U.S.A. opened 197504. (Alternate Abbreviation for BUA)	47 27 54.0 N (47.4650)	115 46 54.0 W (115.7817)	590.0	
BUII						
BUK	C	413 ..... Nevado, U.S.A. 1965-1970.	37 03 01.8 N (37.0505)	116 11 19.8 W (116.1888)	1490.0	USGS
BUL		Bulawayo ..... Zimbabwe opened 19590131. WWSS opened 19630110.	20 08 36.0 S (20.1433)	28 36 48.0 E ( 28.6133)	1341.0	BUL WWSS
BUN	C	Bunnythorpe ..... North Island, New Zealand 1932-19681112.	40 17 00.0 S (40.2833)	175 38 06.0 E (175.6350)	60.0	WEL
BUO	U	Burlington ..... Ontario, Canada 19791212-19800501.	43 21 42.1 N (43.3617)	79 44 42.0 W ( 79.7450)	88.0	OTTR
BUR	C	Burlington ..... Vermont, U.S.A. 193212-1956.	44 28 48.0 N (44.4800)	73 11 48.0 W ( 73.1967)	100.0	
BURJ	R	Burma ..... Jordan opened 198309.	32 12 49.0 N (32.2136)	35 45 46.0 E ( 35.7628)	520.0	JSO
BUS		Buena Vista ..... Costa Rica Also sent to NEIS by ICRE.	9 33 25.2 N ( 9.5570)	83 45 28.2 W ( 83.7578)	3400.0	SJR
BUT		Butte ..... Montana, U.S.A. opened 193610. NEIS station 1944-?	46 00 48.0 N (46.0133)	112 33 48.0 W (112.5633)	1758.0	BUT
BUV	C	Buchan ..... Victoria, Australia 1964-1966. (Alternate Abbreviation for BV-PA)	37 29 54.0 S (37.4983)	148 10 05.0 E (148.1681)	100.0	CAN
BV-						
BV-PA	C	Belleville ..... Pennsylvania, U.S.A. 19621108-19630321.	40 41 04.0 N (40.6844)	77 37 24.0 W ( 77.6233)	244.0	LRSB
BV1		Bath County 1 ..... Virginia, U.S.A. opened 197808.	38 10 41.0 N (38.1781)	79 39 40.0 W ( 79.6611)	768.0	BLA
BV2		Bath County 2 ..... Virginia, U.S.A. opened 197808.	38 08 12.0 N (38.1367)	79 55 10.0 W ( 79.9194)	610.0	BLA
BV3		Bath County 3 ..... Virginia, U.S.A. opened 197808.	38 14 18.0 N (38.2383)	79 46 00.0 W ( 79.7667)	750.0	BLA
BV4		Bath County 4 ..... Virginia, U.S.A.	38 21 26.0 N (38.3572)	79 49 40.0 W ( 79.8278)	814.0	BLA
BVA		Buena Vista ..... Guatemala opened 1973.	14 40 00.0 N (14.6667)	90 38 14.4 W ( 90.6373)	2262.0	GCG
BVC	C	Bear Valley Observatory ..... Marin County, California, U.S.A.	38 02 23.0 N (38.0397)	122 47 33.0 W (122.7925)	30.0	
BVD		Bellevue State Park ..... Delaware, U.S.A. opened 198502.	39 46 29.5 N (39.7749)	75 29 57.5 W ( 75.4993)	58.0	NED
BVG		Bougainvillea ..... Guatemala opened 1978.	14 06 28.8 N (14.1080)	90 56 22.8 W ( 90.9397)	45.0	GCG
BVK		Beaver Lake ..... Beaver County, Utah, U.S.A.	38 32 46.8 N (38.5463)	113 06 18.6 W (113.1052)	1707.0	SLCI
BVL		Bear Valley ..... San Benito County, California, U.S.A. opened 19700903. (Alternate Abbreviation for BVL)	36 34 30.6 N (36.5752)	121 11 20.4 W (121.1890)	510.0	MNLO
BVLM						
BVM	R	Bellevue ..... Martinique opened 19720501.	14 44 06.0 N (14.7350)	61 03 46.8 W ( 61.0630)	694.0	FDF
BVR	R	Beaver ..... Pennsylvania, U.S.A. opened 1975.	40 42 .. N (40.7000)	80 20 .. W ( 80.3333)	...	SCP
BVT		Borgo Val di Tora ..... Emilio-Romagna, Italy opened 197509.	44 29 11.0 N (44.4864)	9 46 30.0 E ( 9.7750)	...	GEN
(BVT)		see international code BLVT				
(BVY)		see international code BVYM				
BVYM		Vineyard ..... San Benito County, California, U.S.A. opened 19751211. MNLO code BVY. (Alternate Abbreviation for BW-WA)	36 44 46.3 N (36.7462)	121 25 05.5 W (121.4182)	753.0	MNLO
BW-						
BW-WA	C	Blewett ..... Washington, U.S.A.	47 22 49.0 N (47.3803)	120 39 12.0 W (120.6533)	884.0	LRSB
BWA		Boorowa ..... New South Wales, Australia opened 1971.	34 25 30.0 S (34.4250)	148 25 06.0 E (148.4183)	656.0	CAN
BWD		Brandywine Creek State Park ..... Delaware, U.S.A. opened 198502.	39 47 58.0 N (39.7994)	75 34 36.0 W ( 75.5767)	62.5	NED
BWI		Barbuda (Highland Field) ..... Barbuda, Antigua and Barbuda opened 197701. sent to NEIS by TRN.	17 39 54.0 N (17.6650)	61 47 24.0 W ( 61.7900)	30.0	PAL

## CODES

TABLE 1

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
BWP	R	Baguio Weather Station .....	16 24 16.8 N	120 36 07.8 E	...	MAN
		Luzan, Philippines	(16.4047)	(120.6022)		
BWR	R	.....	...	...	...	
		Zimbabwe				
BX-		(Alternate Abbreviation for BX-UT)				
BX-UT	C	Blanding .....	37 33 48.0 N	109 26 05.0 W	1707.0	LRSM
		San Juan County, Utah, U.S.A.	(37.5633)	(109.4347)		
		19630808-19640318.				
BY-IO	C	Blomfield .....	40 46 09.0 N	92 27 09.0 W	259.0	LRSM
		Iowa, U.S.A.	(40.7692)	( 92.4525)		
		19690826-19691010				
BY1	C	Byrd--Stanford Research Institute .....	80 00 19.6 S	119 02 36.2 W	1515.0	
		Lesser Antarctica, Antarctica	(80.0054)	(119.0434)		
		196801-?				
BY2	C	Byrd--Stanford Research Institute .....	80 04 37.7 S	119 40 52.4 W	1455.0	
		Lesser Antarctica, Antarctica	(80.0771)	(119.6812)		
		196801-?				
BY3	C	Byrd--Stanford Research Institute .....	79 56 37.4 S	119 43 00.7 W	1455.0	
		Lesser Antarctica, Antarctica	(79.9437)	(119.7169)		
		196801-?				
BYA	C	Byrd--Stanford Research Institute .....	80 00 34.5 S	119 28 49.8 W	1455.0	
		Lesser Antarctica, Antarctica	(80.0096)	(119.4805)		
		196901-?				
BYB	R	Berrybush .....	51 53 58.0 N	5 05 45.0 W	...	BKN
		Wales, United Kingdom	(51.8994)	( 5.0958)		
		opened 19750514.				
BYD	R	Bredaryd .....	57 03 32.4 N	13 09 46.8 E	152.0	HFS
		Sweden	(57.0590)	( 13.1630)		
		opened 198001				
BYR	C	Byrd .....	80 01 .. S	119 31 .. W	1515.0	NEIS
		Lesser Antarctica, Antarctica	(80.0167)	(119.5167)		
		1957-196901. moved 5 km in 1962.				
BYT		Bytom .....	50 21 44.0 N	18 54 52.0 E	283.0	BYT
		Poland	(50.3622)	( 18.9144)		
BYX	R	Bayer Ranch .....	39 57 15.1 N	117 55 04.1 W	1128.0	REN
		Nevada, U.S.A.	(39.9542)	(117.9178)		
		opened 198001.				
BZ-		(Alternate Abbreviation for BZ-WV)				
BZ-WV	C	Buckhannon .....	38 47 54.0 N	80 20 58.0 W	457.0	LRSM
		West Virginia, U.S.A.	(38.7983)	( 80.3494)		
BZE	C	Bazeman .....	45 48 21.6 N	110 55 57.6 W	244.0	
		Montana, U.S.A.	(45.8060)	(110.9327)		
		1974-197705.				
BZM	C	Bazeman .....	45 40 01.0 N	111 02 43.0 W	1490.0	
		Montana, U.S.A.	(45.6669)	(111.0453)		
		193105-196803.				
BZN	R	Bagi-Zagan .....	38 30 .. N	69 48 .. E	...	MOSR
		Tajik S.S.R., U.S.S.R.	(38.5000)	( 69.8000)		
		MOS code BGG.				
BZS	R	Buzias .....	45 37 .. N	21 37 .. E	150.0	BUC
		Romania	(45.6167)	( 21.6167)		
CA-		(Alternate Abbreviation for CA-TN)				
CA-TN	C	Caryville .....	36 08 40.0 N	84 11 23.0 W	305.0	LRSM
		Tennessee, U.S.A.	(36.1444)	( 84.1897)		
CAA		Chanaral .....	26 19 49.0 S	70 36 50.0 W	2.0	SAN
		Atacama, Chile	(26.3303)	( 70.6139)		
		opened 1977.				
(CAA)		see international code CRS				
CAB	C	Cabramurra .....	35 55 36.0 S	148 25 59.0 E	1610.0	CAN
		New South Wales, Australia	(35.9267)	(148.4331)		
		1959-1972.				
CAC		Calama .....	22 28 47.5 S	69 01 34.0 W	2000.0	SAN
		Antofagasta, Chile	(22.4799)	( 69.0261)		
(CAC)		see international code CACM				
(CAC)		see international code CPH				
CACM		Antioch .....	36 58 34.3 N	121 45 37.1 W	74.0	MNLO
		Santa Cruz County, California, U.S.A.	(36.9762)	(121.7603)		
		opened 19731026. MNLO code CAC.				
CAD	C	Cady Mountains .....	34 49 .. N	116 20 .. W	...	
		San Bernardino County, California, U.S.A.	(34.8167)	(116.3333)		
(CAD)		see international code ADR				
CADM		(Alternate Abbreviation for ADR)				
CAF	D	Calviac .....	44 55 33.0 N	2 03 52.0 E	630.0	LDG
		Auvergne, France	(44.9258)	( 2.0644)		
		opened 19770901.				
CAG	C	Caguas .....	18 14 22.0 N	66 02 07.0 W	350.0	USGS
		Puerto Rico	(18.2394)	( 66.0353)		
		19740816-19750717.				
(CAG)		see international code CAGS				
(CAG)		see international code CRG				
CAGS	R	Chagyl .....	40 48 .. N	55 18 .. E	...	MOSR
		Turkmen S.S.R., U.S.S.R.	(40.8000)	( 55.3000)		
		MOS code CAG.				
CAH		Castle Hill .....	34 38 36.0 S	149 14 30.0 E	700.0	CAN
		New South Wales, Australia	(34.6433)	(149.2417)		
		opened 1970.				
(CAH)		see international code CAHC				
CAHC	R	Cahuilla Valley .....	33 30 13.2 N	116 41 54.6 W	1219.0	PAS
		Riverside County, California, U.S.A.	(33.5037)	(116.6985)		
		opened 198104. PAS code CAH.				

CODES

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CAI	Coico ..... Rio Grande do Norte, Brazil opened 19830531.	6 31 33.6 S ( 6.5260)	37 08 16.8 W ( 37.1380)	190.0	WWSS
(CAI)	see international code AGC				
CAIM	(Alternate Abbreviation for AGC)				
CAL	Calcutta (Alipore) ..... West Bengal, India	22 32 06.0 N (22.5350)	88 22 00.0 E ( 88.3667)	6.0	NDI
(CAL)	see international code CALC				
(CAL)	see international code CVR				
CALA	Caldeiro ..... Azores, Portugal	38 34 53.0 N (38.5814)	28 42 07.0 W ( 28.7019)	875.0	PDA
CALC	R California City ..... Kern County, California, U.S.A. opened 198105. PAS code CAL. (Alternate Abbreviation for CVR)	35 06 12.6 N (35.1035)	117 56 51.6 W (117.9477)	722.0	PAS
CALM					
CALN	R Calern ..... Provence, France opened 198206.	43 45 08.0 N (43.7522)	6 53 22.0 E ( 6.8894)	1430.0	STR
CAM	C Cambridge ..... Massachusetts, U.S.A. 1908-1930's.	42 23 ... N (42.3833)	71 07 ... W ( 71.1167)	5.0	CAM
(CAM)	see international code CAMC				
CAMB	Cambridge ..... New York, U.S.A.	43 02 55.8 N (43.0488)	73 17 48.0 W ( 73.2967)	287.0	BLMY
CAMC	R Camorillo Hills ..... Ventura County, California, U.S.A. opened 197306. PAS code CAM.	34 15 16.2 N (34.2545)	119 02 00.0 W (119.0333)	268.0	PAS
CAN	D Canberra ..... Australian Cap. Terr., Australia opened 1958. IDA 197501-197804. see international code CANR	35 19 15.0 S (35.3208)	148 59 55.0 E (148.9986)	650.0	CAN IDA
(CAN)					
CANR	U Candelario ..... Nevada, U.S.A. 197502-1976. REN code CAN.	38 06 34.9 N (38.1097)	118 11 35.5 W (118.1932)	2015.0	REN
CANY	C Canisus ..... New York, U.S.A. 197812-19820318.	42 55 31.8 N (42.9255)	78 51 10.2 W ( 78.8528)	192.0	PAL
CAO	Cobano ..... Costa Rica opened 198411.	9 42 03.6 N ( 9.7010)	85 06 10.8 W ( 85.1030)	263.0	HDC
(CAO)	see international code ARN				
CAOM	(Alternate Abbreviation for ARN)				
CAP	C Capodimonte ..... Campania, Italy	40 52 ... N (40.8667)	14 15 ... E ( 14.2500)	129.0	
CAR	Caracas ..... Venezuela opened 1954. WWSS opened 19620524. see international code CARB	10 30 24.0 N (10.5067)	66 55 39.5 W ( 66.9276)	1035.0	CAR WWSS
(CAR)					
CARB	Mount Cartier ..... British Columbia, Canada UBC code CAR.	50 54 00.0 N (50.9000)	118 03 12.0 W (118.0533)	2294.0	UBC
CAS	C Casamori ..... Lazio, Italy	41 38 ... N (41.6333)	13 22 ... E ( 13.3667)	...	
CAT	Catania ..... Sicily, Italy	37 30 51.0 N (37.5142)	15 05 50.0 E ( 15.0972)	20.0	CAT
CAV	R Cavolese ..... Trentino-Alto Adige, Italy Opened 19810615.	46 17 35.0 N (46.2931)	11 27 43.0 E ( 11.4619)	1050.0	TRI
(CAV)	see international code CAVC				
CAVC	R Cove Mountain ..... San Bernardino County, California, U.S.A. opened 198105. PAS code CAV.	35 03 08.4 N (35.0523)	116 20 21.0 W (116.3392)	664.0	PAS
CAW	Cannon Point ..... North Island, New Zealand	41 06 32.0 S (41.1089)	175 04 04.0 E (175.0678)	330.0	WELW
CAZ	Castlepoint ..... North Island, New Zealand opened 19680220.	40 54 15.0 S (40.9042)	176 13 34.0 E (176.2261)	6.0	WEL
CAZE	Cazenovia ..... New York, U.S.A.	42 55 52.8 N (42.9313)	75 55 12.0 W ( 75.9200)	301.0	BLMY
CB1	(Alternate Abbreviation for ADR)				
CB10	(Alternate Abbreviation for MHR)				
CB2	C Colero Reservoir ..... Santo Clara County, California, U.S.A. 19681001-19681016.	37 11 27.0 N (37.1908)	121 45 54.6 W (121.7652)	230.0	MNLO
CB3	(Alternate Abbreviation for COE)				
CB4	(Alternate Abbreviation for ARN)				
CB5	(Alternate Abbreviation for SVC)				
CB6	(Alternate Abbreviation for CVR)				
CB7	C Poverty Ridge ..... Santo Clara County, California, U.S.A. 19680712-19700507.	37 25 45.1 N (37.4292)	122 44 33.0 W (122.7425)	975.0	MNLO
CB8	(Alternate Abbreviation for AMC)				
CB9	(Alternate Abbreviation for MNR)				
CBA	C Cold Bay ..... Alaska Peninsula, Alaska, U.S.A.	55 10 30.0 N (55.1750)	162 44 00.0 W (162.7333)	...	
CBB	D Campbell River ..... British Columbia, Canada opened 19810128.	50 01 58.1 N (50.0328)	125 21 55.1 W (125.3653)	317.0	WCTN

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CBC	Chamberlain ..... Santa Cruz County, California, U.S.A. opened 1969. MNLO code HCB.	36 55 52.8 N (36.9313)	121 39 37.8 W (121.6605)	219.0	MNLO
(CBH)	see international code CBHM				
CBHM	Coso Basin North ..... Inyo County, California, U.S.A. opened 19750926. MNLO code CBH.	35 59 17.5 N (35.9882)	117 45 00.0 W (117.7500)	890.0	MNLO
CBI	Chichi-shima (Chichijima) ..... Bonin Islands, Japan opened 197501.	27 05 30.0 N (27.0917)	142 10 48.0 E (142.1800)	153.0	JMA
CBK	R Carner Brook ..... Newfoundland, Canada opened 19761013.	48 55 11.0 N (48.9197)	57 58 11.0 W ( 57.9697)	380.0	
(CBK)	see international code CBKC				
CBKC	R Canebrake ..... San Diego County, California, U.S.A. opened 198108. PAS code CBK.	32 53 58.2 N (32.8995)	116 15 06.0 W (116.2517)	414.0	PAS
CBM	Caribou ..... Maine, U.S.A. 196210-1968; reopened 197505. USTN closed.	46 55 57.0 N (46.9325)	68 07 15.0 W ( 68.1208)	250.0	WES USTN
CBN	Corbin ..... Virginia, U.S.A. opened 1971.	38 12 18.0 N (38.2050)	77 22 24.0 W ( 77.3733)	70.0	NEIS
CBO	Chesbro Reservoir ..... Santa Clara County, California, U.S.A. opened 19670824. MNLO code JCB.	37 06 42.6 N (37.1118)	121 41 19.8 W (121.6888)	192.0	MNLO
CBP	Campbellpur ..... Pakistan opened 1974?	33 43 57.0 N (33.7325)	72 13 48.6 E ( 72.2302)	...	PAL
CBR	Cabramurra ..... New South Wales, Australia opened 1972.	35 56 36.0 S (35.9433)	148 23 34.0 E (148.3928)	1537.0	CAN
(CBR)	see international code BGC				
CBRM	(Alternate Abbreviation for BGC)				
CBS	Caborca ..... Sonora, Mexico opened 19720730.	30 43 42.0 N (30.7283)	112 09 36.0 W (112.1600)	300.0	PAS
(CBS)	see international code CBSM				
CBSM	Byron Hot Springs ..... Alameda County, California, U.S.A. MNLO code CBS.	37 47 48.6 N (37.7968)	121 38 46.2 W (121.6462)	279.0	MNLO
CBT	Christianburg ..... Tennessee, U.S.A.	35 32 21.8 N (35.5394)	84 25 14.2 W ( 84.4206)	357.0	
CBV	Ciudad Bolivar ..... Venezuela	...	...	...	CAR
CBW	Chelan Butte ..... Washington, U.S.A. opened 197506.	47 48 25.5 N (47.8071)	120 01 57.6 W (120.0327)	1160.0	SEA
(CBW)	see international code BKC				
CBWM	(Alternate Abbreviation for BKC)				
CBX	Cerro Bola ..... Baja California, Mexico	32 18 49.2 N (32.3137)	116 39 46.8 W (116.6630)	...	ECX
CBZ	Campbell Island ..... Campbell Island, New Zealand opened 19661122.	52 33 03.0 S (52.5508)	169 09 33.0 E (169.1592)	30.0	WEL
CC-WA	C Cascade Tunnel ..... Washington, U.S.A. 19671108-19680729	47 46 09.0 N (47.7692)	121 05 01.0 W (121.0836)	1036.0	LRSM
CC1	R Caracol Dam No. 1 ..... Guerrero, Mexico	17 57 08.4 N (17.9523)	99 59 36.0 W ( 99.9933)	...	IIM
CC2	R Caracol Dam No. 2 ..... Guerrero, Mexico	17 58 30.6 N (17.9752)	100 02 52.8 W (100.0480)	...	IIM
CC3	R Caracol Dam No. 3 ..... Guerrero, Mexico	17 59 18.6 N (17.9885)	99 59 04.8 W ( 99.9847)	...	IIM
CC4	Caracol Dam No. 4 ..... Guerrero, Mexico Also sent to NEIS by UNM.	18 00 00.0 N (18.0000)	99 58 51.6 W ( 99.9810)	1000.0	IIM
CCA	Coamo ..... Puerto Rico opened 19770215.	18 04 10.6 N (18.0696)	66 19 34.5 W ( 66.3262)	269.0	USGS
CCB	Clear Creek Butte ..... Central Alaska, Alaska, U.S.A. reopened and moved slightly 19830916.	64 38 48.0 N (64.6467)	147 48 19.8 W (147.8055)	219.0	GIA
CCC	C Cusp Creek ..... British Columbia, Canada 196712-197210.	56 07 24.0 N (56.1233)	122 18 00.0 W (122.3000)	...	EDM
CCCC	F (keyword for telegraphic transmission)				
CCG	C Camp Century ..... Greenland 19621130-19630225.	77 10 .. N (77.1667)	61 08 .. W ( 61.1333)	1920.0	WWSS
CCH	Cachabamba ..... Bolivia	17 22 56.0 S (17.3822)	66 08 34.0 W ( 66.1428)	2500.0	LPZ
CCHK	R Cheung Chau ..... Hong Kong opened 197910.	22 12 10.4 N (22.2029)	114 01 27.5 E (114.0243)	73.0	HKC
CCI	Cagliori Citta ..... Sordinio, Italy	39 13 15.0 N (39.2208)	9 07 02.0 E ( 9.1172)	...	ROM
CCK	C Cocos Island (Keeling Island) ..... Cocos Islands	12 12 .. S (12.2000)	96 54 .. E ( 96.9000)	...	

CODES

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CCM	R	.....	..	...	...	
CCMT		Clark Canyon Reservoir ..... Montana, U.S.A. opened 19850724.	44 54 54.0 N (44.9150)	112 52 25.8 W (112.8738)	1926.0	BUT
CCN	C	Cachucha Ranch ..... New Mexico, U.S.A.	36 50 .. N (36.8333)	106 50 .. W (106.8333)	...	NEIS
CCNE		Clay Center ..... Nebraska, U.S.A.	40 30 13.3 N (40.5037)	97 56 12.0 W ( 97.9367)	529.0	LAK
CCNM		(Alternate Abbreviation for CYC)				
CCO		Chico ..... California, U.S.A. opened 19720223.	39 03 51.0 N (39.0642)	121 00 34.0 W (121.0094)	60.0	
(CCO)		see international code COE				
CCOM		(Alternate Abbreviation for COE)				
CCP	C	Cebu City (Lahug) ..... Cebu, Philippines closed 19800122.	10 19 52.8 N (10.3313)	123 54 22.2 E (123.9062)	36.0	MAN
CCR	C	Chocorita ..... Buenos Aires, Argentina	34 35 .. S (34.5833)	58 28 .. W ( 58.4667)	...	
CCS		Cowcow Swamp ..... South Carolina, U.S.A. opened 19760331.	32 48 58.0 N (32.8161)	80 15 19.0 W ( 80.2553)	9.0	USGS
CCT	C	Chilecito ..... La Rioja, Argentina	29 10 .. S (29.1667)	67 30 .. W ( 67.5000)	...	
CCU		Cedar City ..... Iran County, Utah, U.S.A. opened 196812.	37 40 31.2 N (37.6753)	113 04 06.6 W (113.0685)	1775.0	SLC
CCV	R	Caicora ..... Venezuela	...	...	...	CAR
CCVA		Cudja Caverns ..... Virginia, U.S.A.	36 36 07.2 N (36.6020)	83 40 01.2 W ( 83.6670)	571.0	TEIC
CCW		Cape Campbell ..... South Island, New Zealand opened 19810219.	41 45 03.0 S (41.7508)	174 13 01.0 E (174.2169)	216.0	WELW
(CCY)		see international code CCYM				
CCYM		Coyote Hills ..... Yolo County, California, U.S.A. opened 19750501. MNLO code CCY.	38 33 06.1 N (38.5517)	122 05 26.9 W (122.0908)	67.0	MNLO
CD2		Chengdu (Chengtu) ..... Sichuan, China (Mainland) opened 19801001.	30 54 36.0 N (30.9100)	103 45 28.0 E (103.7578)	628.0	BJI
CDA	C	Cape Douglas ..... Alaska Peninsula, Alaska, U.S.A. 1974-19810816.	58 57 19.2 N (58.9553)	153 31 46.2 W (153.5295)	386.0	GIA
CDB	U	Caldoruzani ..... Romania opened 1979.	44 40 37.0 N (44.6769)	26 16 14.0 E ( 26.2706)	85.0	BUC
CDC		Canada Road ..... Santa Clara County, California, U.S.A. opened 19671013. MNLO code HCA.	37 01 31.2 N (37.0253)	121 29 01.2 W (121.4837)	332.0	MNLO
CDD		Cape Douglas ..... Western Alaska, Alaska, U.S.A. opened 19810817.	58 55 47.4 N (58.9298)	153 38 35.4 W (153.6432)	622.0	GIA
CDF	D	Champ du Feu ..... Alsace, France opened 19650301. moved 19721122.	48 24 44.0 N (48.4122)	7 16 34.0 E ( 7.2761)	1068.0	LDG
CDG		Carters Dam ..... Georgia, U.S.A. opened 19750101.	34 36 39.0 N (34.6108)	84 40 16.8 W ( 84.6713)	...	ATL
CDH1		Calico Hills ..... Nevada, U.S.A. opened 198002.	36 51 37.0 N (36.8603)	116 19 03.0 W (116.3175)	1387.0	USGS
CDH5		Calico Hills ..... Nevada, U.S.A. opened 198002.	36 51 37.0 N (36.8603)	116 19 03.0 W (116.3175)	1055.0	USGS
CDL		Candle ..... Western Alaska, Alaska, U.S.A.	66 06 50.4 N (66.1140)	161 39 24.0 W (161.6567)	65.0	GIA
CDM		Cerro de la Muerte ..... Costa Rica Opened 19840317.	9 33 18.6 N ( 9.5552)	83 45 56.7 W ( 83.7657)	3470.0	HDC
CDN		Cerro del Durazno ..... New Mexico, U.S.A. opened 197601.	35 27 16.5 N (35.4546)	107 20 54.5 W (107.3485)	2591.0	NEIS
CDO	C	Cedar Creek ..... Oklahoma, U.S.A. 19800801-19810325.	34 11 25.4 N (34.1904)	94 46 21.2 W ( 94.7726)	230.0	TUL
(CDO)		see international code D00				
CDOM		(Alternate Abbreviation for D00)				
CDP		Cerro de Punta ..... Puerto Rico opened 19750730.	18 10 30.4 N (18.1751)	66 35 28.6 W ( 66.5913)	1300.0	USGS
CDPJ	F	Center for Disaster Prevention, Ibaraki, Japan				
CDR		Cadarache ..... Provence, France opened 19620110.	43 40 30.0 N (43.6750)	5 46 01.0 E ( 5.7669)	368.0	
(CDS)		see international code CDSM				
CDSM		Don Santos Ranch ..... Contra Costa County, California, U.S.A. opened 19731115. MNLO code CDS.	37 57 58.7 N (37.9663)	122 15 10.1 W (122.2528)	109.0	MNLO

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CDU	C Chengdu (Chengtú) ..... Sichuan, China (Mainland) closed 19801001.	30 39 37.0 N (30.6603)	104 00 40.0 E (104.0111)	506.0	BJI
(CDU)	see international code DUC				
CDUM	(Alternate Abbreviation for DUC)				
(CDV)	see international code CDVM				
CDVM	Del Valle ..... Alameda County, California, U.S.A. MNLO code CDV.	37 33 58.8 N (37.5663)	121 40 48.5 W (121.6801)	250.0	MNLO
CDWR	F California Department of Water Resources				
CDY	Cape Darby ..... Western Alaska, Alaska, U.S.A. (Alternate Abbreviation for CE-WA)	64 20 51.0 N (64.3475)	162 47 01.8 W (162.7838)	561.0	GIA
CE-					
CE-WA	C Concrete ..... Washington, U.S.A. 19621015-19621027.	48 31 21.0 N (48.5225)	121 41 14.0 W (121.6872)	274.0	LRSM
CEA	Ceahlau ..... Romania opened 19820901.	46 58 33.0 N (46.9758)	25 57 04.0 E (25.9511)	1699.0	BUC
CEC	C Childress ..... Texas, U.S.A. closed 1974.	34 34 19.2 N (34.5720)	100 19 33.0 W (100.3258)	548.0	MNLO
CED	C Cedar Springs ..... San Bernardino County, California, U.S.A. 196503-196707.	34 16 38.0 N (34.2772)	117 20 03.0 W (117.3342)	1067.0	CDWR
CEH	Chapel Hill ..... North Carolina, U.S.A. opened 197508.	35 53 27.0 N (35.8908)	79 05 34.0 W (79.0928)	152.0	
CEI	Carci ..... Romania opened 1979.	47 41 06.0 N (47.6850)	22 27 30.6 E (22.4585)	125.0	BUC
CEM	R Cemiszek ..... Turkey opened 19730910.	39 03 28.0 N (39.0578)	38 55 24.0 E (38.9233)	1076.0	ISK
CEN	Cerro Negro ..... San Juan, Argentina	31 34 33.0 S (31.5758)	68 45 15.0 W (68.7542)	900.0	ZON
CEP	R Cherat ..... Pakistan (33.8235)	33 49 24.6 N (33.8235)	71 54 32.4 E (71.9090)	1376.0	PINS
CER	Ceres ..... Cape Province, South Africa (33.3617)	33 21 42.0 S (33.3617)	19 17 36.0 E (19.2933)	472.0	PRE
CES	R Cherskiy ..... Yakutskaya ASSR, R.S.F.S.R., U.S.S.R. (68.7000)	68 42 .. N (68.7000)	161 12 .. E (161.2000)	...	MOSR
CEY	Cernica ..... Yugoslavia opened 19750815. (Alternate Abbreviation for CF-WS)	45 44 19.8 N (45.7388)	14 25 36.0 E (14.4267)	579.0	LJU
CF-					
CF-WS	C Colfax ..... Wisconsin, U.S.A. 19621104-19621212.	45 05 39.0 N (45.0942)	91 45 59.0 W (91.7664)	366.0	LRSM
CFA	Coronel Fontana ..... San Juan, Argentina (31.6069)	31 36 25.0 S (31.6069)	68 14 21.0 W (68.2392)	621.0	SJA
CFF	Clermont-Ferrand ..... Auvergne, France (45.7628)	45 45 46.0 N (45.7628)	3 06 09.0 E (3.1025)	400.0	
CFI	College Fjord ..... Central Alaska, Alaska, U.S.A. opened 19740731.	61 10 57.6 N (61.1827)	147 45 59.4 W (147.7665)	3.0	AGS
CFL	R Chilao Flats ..... Los Angeles County, California, U.S.A. opened 197904.	34 19 58.2 N (34.3328)	118 01 22.8 W (118.0230)	1586.0	PAS
CFM	C Cliffside ..... Montana, U.S.A. 197102-19740709.	48 12 29.0 N (48.2081)	115 27 30.0 W (115.4583)	898.0	MSO
CFO	C Chats Falls ..... Ontario, Canada 19771006-19790216.	45 28 09.0 N (45.4692)	76 13 45.0 W (76.2292)	70.0	OTTR
CFR	Corcaliu ..... Romania opened 197703.	45 11 07.0 N (45.1853)	28 09 11.0 E (28.1531)	21.0	BUC
CFT	RD Crofton Hills ..... San Bernardino County, California, U.S.A. opened 197501.	34 02 06.6 N (34.0352)	117 06 39.6 W (117.1110)	671.0	PAS
CFU	Cove Fort ..... Millard County, Utah, U.S.A. opened 197703.	38 37 08.0 N (38.6189)	112 32 19.0 W (112.5386)	2012.0	SLC
CFWM	Cactus Flat West ..... Inyo County, California, U.S.A. opened 19750926. MNLO code WCF. (Alternate Abbreviation for CG-VA)	36 12 29.9 N (36.2083)	117 54 13.3 W (117.9037)	1384.0	MNLO
CG-					
CG-VA	C Cumberland Gap ..... Virginia, U.S.A. 19620601-19620628; 19650610-19650723.	36 37 35.0 N (36.6264)	83 15 36.0 W (83.2600)	396.0	LRSM
CGA	Cape Gloucester Airport ..... New Britain, Papua New Guinea opened 198009.	5 27 00.0 S (5.4500)	148 25 12.0 E (148.4200)	15.0	RAB
CGB	R Chigubo ..... Mozambique	...	...	...	
CGC	C Craig ..... Colorado, U.S.A. 1970-197211.	40 31 24.0 N (40.5233)	107 33 45.0 W (107.5625)	1925.0	NEIS

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CGD	R Chogdo ..... Yokutskayo ASSR, R.S.F.S.R., U.S.S.R.	58 45 .. N (58.7500)	130 37 .. E (130.6167)	...	MOSR
CGH	C Cape Good Hope ..... Cape Province, South Africa	33 56 .. S (33.9333)	18 29 .. E (18.4833)	13.0	PRE
CGI	R Chicago ..... Illinois, U.S.A.	41 58 48.0 N (41.9800)	87 43 06.0 W (87.7183)	...	
CGL	Cagliari Serpeddi ..... Sardinia, Italy opened 197806.	39 21 44.0 N (39.3622)	9 17 49.5 E (9.2971)	1050.0	
(CGL)	see international code CGLM				
CGLM	Capps Glacier ..... Western Alaska, Alaska, U.S.A. AGS code CGL.	61 18 27.6 N (61.3077)	152 00 24.0 W (152.0067)	1082.0	AGS
CGM	Cape Girardeau ..... Missouri, U.S.A. opened 1938.	37 19 .. N (37.3167)	89 32 .. W (89.5333)	134.0	SLM
CGN	Colugareni ..... Romania opened 1982.	44 10 .. N (44.1667)	26 00 .. E (26.0000)	78.0	BUC
CGP	Cagayan de Oro ..... Mindanao, Philippines opened 19771001.	8 27 17.4 N (8.4548)	124 41 39.0 E (124.6942)	...	MAN
(CGP)	see international code CGPV				
CGPV	Cattongorden Point ..... Virgin Islands PAL code CGP.	17 45 48.6 N (17.7635)	64 35 03.0 W (64.5842)	40.0	PAL
CGSM	China Gardens South ..... Inyo County, California, U.S.A. opened 19750926. MNLO code WCG.	36 11 24.0 N (36.1900)	117 37 25.3 W (117.6237)	1689.0	MNLO
CGT	Chuan-Garon ..... Tajik S.S.R., U.S.S.R.	38 39 .. N (38.6500)	69 10 .. E (69.1667)	...	MOSR
CGTN	C Cumberland Gap ..... Tennessee, U.S.A. 19811023-19820403.	36 33 28.8 N (36.5580)	83 42 39.6 W (83.7110)	704.0	TEIC
CGV	R Camp Garcia ..... Puerto Rico opened 197803.	18 07 58.2 N (18.1328)	65 19 02.4 W (65.3173)	130.0	PAL
CGX	Ciudad Guzman ..... Jalisco, Mexico (Alternate Abbreviation for CH-MT)	19 42 10.0 N (19.7028)	103 27 42.0 W (103.4617)	1600.0	MEX
CH-					
CH-MT	C Churchill ..... Manitoba, Canada 19651022-19651109.	58 36 25.0 N (58.6069)	93 49 00.0 W (93.8167)	38.0	LRSM
CH2	Chocolate Mountain ..... Imperial County, California, U.S.A. opened 197712.	33 17 46.2 N (33.2962)	115 20 10.2 W (115.3362)	347.0	PAS
CH5	Clark Hill Reservoir ..... Georgia, U.S.A. opened 197512.	33 44 00.0 N (33.7333)	82 19 30.0 W (82.3250)	132.0	ATL
CH6	Clark Hill Reservoir ..... Georgia, U.S.A. opened 197512.	33 52 45.0 N (33.8792)	82 31 10.0 W (82.5194)	146.0	ATL
CHA	Chotro ..... Nepal (26.8333)	26 50 .. N (26.8333)	87 10 .. E (87.1667)	161.0	NDI
CHAU	Choumont ..... New York, U.S.A.	44 08 15.0 N (44.1375)	76 10 27.0 W (76.1742)	102.0	BLMY
CHB	Church ..... Central Alaska, Alaska, U.S.A.	64 15 27.6 N (64.2577)	149 10 12.0 W (149.1700)	196.0	
CHC	C Chapel Hill ..... North Carolina, U.S.A. 1953-197012.	35 54 10.0 N (35.9028)	79 03 02.0 W (79.0506)	149.0	
CHCH	Chados Angostura ..... Santiago, Chile opened 1982.	33 56 00.0 S (33.9333)	70 39 09.0 W (70.6525)	680.0	SAN
CHCP	R Chiroh Chowk ..... Pakistan (33.6583)	33 39 30.0 N (33.6583)	73 15 49.8 E (73.2638)	579.0	PINS
CHD	R ..... France opened 197311.	...	...	...	
(CHD)	see international code CHDS				
CHDS	R Chardzhou ..... Turkmen S.S.R., U.S.S.R. MOS code CHD.	39 06 .. N (39.1000)	63 36 .. E (63.6000)	...	MOSR
CHE	C Cheb (Eger) ..... Czechoslovakia closed 1966.	50 04 46.0 N (50.0794)	12 22 34.0 E (12.3761)	430.0	PRU
CHF	Colhaun Falls ..... South Carolina, U.S.A. opened 19770214.	34 01 29.0 N (34.0247)	82 35 12.0 W (82.5867)	152.0	USGS
CHG	D Chiang Mai ..... Thailand opened 19630302. HGLP 197102-197609.	18 48 49.8 N (18.8138)	98 56 37.8 E (98.9438)	416.0	CHG WWSS HGLP
CHH	Chihuahuahua ..... Chihuahuahua, Mexico (28.6367)	28 38 12.0 N (28.6367)	106 04 42.0 W (106.0783)	1430.0	UNM
CHI	Chicago-Loyola ..... Illinois, U.S.A. opened 191209.	41 54 .. N (41.9000)	87 38 .. W (87.6333)	183.0	
(CHI)	see international code CHIA				



## CODES

TABLE 1

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CHIA	R	Chirikof Island ..... Alaska Peninsula, Alaska, U.S.A. GIA code CHI.	55 50 16.2 N (55.8378)	155 34 46.8 W (155.5797)	250.0	GIA
CHJ		Chichibu ..... Saitama, Honshu, Japan moved 194104.	35 59 30.0 N (35.9917)	139 04 54.0 E (139.0817)	219.0	JMA
CHJJ		Chichibu Outpost ..... Saitama, Honshu, Japan opened 1978.	36 02 54.0 N (36.0483)	138 59 42.0 E (138.9950)	275.0	JMA
CHK	C	Chicago ..... Illinois, U.S.A. 1918-1967.	41 47 20.0 N (41.7889)	87 35 57.0 W ( 87.5992)	180.0	
CHL		Chilik ..... Kozokh S.S.R., U.S.S.R.	43 34 .. N (43.5667)	78 25 .. E ( 78.4167)	600.0	MOSR
CHM		Chimkent ..... Kazakh S.S.R., U.S.S.R.	42 18 .. N (42.3000)	69 36 .. E ( 69.6000)	510.0	MOSR
CHMS	R	Chumysh ..... Kozokh S.S.R., U.S.S.R. MOS code CMS.	43 00 .. N (43.0000)	74 48 .. E ( 74.8000)	...	MOSR
CHN		Chinchino ..... Colombia opened 194908.	4 58 .. N ( 4.9667)	75 37 .. W ( 75.6167)	1360.0	BOG
CHO		Choshi ..... Chiba, Honshu, Japan moved 194909.	35 43 30.0 N (35.7250)	140 50 36.0 E (140.8433)	27.0	JMA
CHP	C	Chuchupote ..... Ventura County, California, U.S.A. 1952-195211.	34 48 30.0 N (34.8083)	119 00 42.0 W (119.0117)	1590.0	PAS
CHP1		Pelodas ..... Peru opened 197912.	4 40 19.2 S ( 4.6720)	80 29 27.6 W ( 80.4910)	150.0	LIM
CHP2		Corcovado ..... Peru opened 197912.	4 36 57.6 S ( 4.6160)	80 48 46.8 W ( 80.8130)	200.0	LIM
CHP3		Chacon ..... Peru opened 197912.	5 10 48.0 S ( 5.1800)	80 57 43.2 W ( 80.9620)	200.0	LIM
CHP4	R	Algorobillo ..... Peru	4 30 07.2 S ( 4.5020)	80 21 36.0 W ( 80.3600)	220.0	LIM
CHP5	R	Huaypiro ..... Peru	4 36 18.0 S ( 4.6050)	80 30 03.6 W ( 80.5010)	240.0	LIM
CHP7		Eten ..... Peru	6 56 42.0 S ( 6.9450)	79 51 54.0 W ( 79.8650)	200.0	LIM
CHP8		Chiclayo ..... Peru Opened 198208.	6 45 54.0 S ( 6.7650)	79 51 54.0 W ( 79.8650)	60.0	LIM
CHQ	C	Charlesbourg ..... Quebec, Canada 19711111-19820704.	46 53 23.0 N (46.8897)	71 18 00.0 W ( 71.3000)	145.0	OTTR
CHR	C	Christchurch ..... South Island, New Zealand 1902-1957; 19690729-197809.	43 31 58.0 S (43.5328)	172 37 36.0 E (172.6267)	8.0	WEL
CHRY	R	Colls Hollow Road ..... New York, U.S.A. opened 19750617.	41 12 29.0 N (41.2081)	74 13 16.0 W ( 74.2211)	183.0	BLMY
CHS	C	Chusol ..... Tajik S.S.R., U.S.S.R.	39 06 .. N (39.1000)	70 46 .. E ( 70.7667)	...	
(CHS)		see international code COJ				
CHT		Chittagong ..... Bangladesh	22 21 .. N (22.3500)	91 49 .. E ( 91.8167)	35.0	
(CHT)		see international code CHTJ				
CHTJ	R	Chito ..... Aichi, Honshu, Japan opened 197804. NGY code CHT.	34 43 49.1 N (34.7303)	136 54 23.6 E (136.9066)	40.0	NGY
CHTN		Church Hills ..... Tennessee, U.S.A.	36 35 04.8 N (36.5847)	82 43 12.0 W ( 82.7200)	558.0	TVA
CHTO	D	Chiong Moi ..... Thailand opened 19770701.	18 48 49.8 N (18.8138)	98 56 37.8 E ( 98.9438)	316.0	CHG SRO
CHU	C	Chur (Caire) ..... Switzerland	46 50 59.5 N (46.8499)	9 32 12.1 E ( 9.5367)	630.0	ZUR
CHV	C	Chiovari ..... Liguria, Italy	44 18 55.0 N (44.3153)	9 19 25.0 E ( 9.3236)	...	
CHW		Chowiet Island ..... Alaska Peninsula, Alaska, U.S.A. opened 1974.	56 02 00.0 N (56.0333)	156 42 42.0 W (156.7117)	160.0	GIA
CHX		Chaix Hills ..... Southeastern Alaska, Alaska, U.S.A. opened 19740904.	60 03 46.8 N (60.0630)	141 07 00.0 W (141.1167)	1067.0	AGS
CHY		Chiao-i (Chiayi) ..... China (Taiwan)	23 30 .. N (23.5000)	120 25 .. E (120.4167)	27.0	TAP
CHZ		Chorzow ..... Poland	50 17 33.0 N (50.2925)	18 59 30.0 E ( 18.9917)	316.0	WAR
CI-		(Alternate Abbreviation for CI-VA)				
CI-VA	C	Clintwood ..... Virginia, U.S.A. 19621015-19621027.	37 11 37.0 N (37.1936)	82 24 57.0 W ( 82.4158)	549.0	LRSM
CIB		Cedar Butte ..... Idaho, U.S.A. opened 19791118.	43 24 04.3 N (43.4012)	112 56 30.5 W (112.9418)	1611.0	USGS

CODES

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CIC	R	.....	...	...	...	
CIM		Chimachoy ..... Guatemala opened 1975.	14 35 41.4 N (14.5948)	90 51 37.2 W ( 90.8603)	2450.0	GCG
(CIM)		see international code CIMS				
CIMS	R	Chimgan ..... Uzbek S.S.R., U.S.S.R. MOS code CIM.	41 34 .. N (41.5667)	70 01 .. E ( 70.0167)	...	MOSR
CIN		Cine ..... Turkey	37 36 00.0 N (37.6000)	28 05 12.0 E ( 28.0867)	120.0	IST
CIP	C	Cipolletti ..... Rio Negro, Argentina	38 56 .. S (38.9333)	68 08 .. W ( 68.1333)	...	
CIR		Chiredzi ..... Zimbabwe opened 1967.	21 00 48.0 S (21.0133)	31 34 48.0 E ( 31.5800)	430.0	BUL
CIRL		Cave-in Rock ..... Illinois, U.S.A.	37 30 43.0 N (37.5119)	88 06 29.0 W ( 88.1081)	119.0	SLM
CIS	D	Catalina Island ..... Los Angeles County, California, U.S.A. opened 19710701.	33 24 24.0 N (33.4067)	118 24 12.0 W (118.4033)	485.0	PAS
CIT		Chita ..... Chitinskaya Oblast, R.S.F.S.R., U.S.S.R. opened 1970.	52 00 .. N (52.0000)	113 36 .. E (113.6000)	790.0	MOSR
CIW	R	Santa Catalina Island West ..... Los Angeles County, California, U.S.A.	33 27 55.2 N (33.4653)	118 33 06.0 W (118.5517)	50.0	USC
CIZ		Chatham Islands ..... Chatham Islands, New Zealand 1932-1941; reopened 19661207.	43 57 18.0 S (43.9550)	176 33 56.0 W (176.5656)	45.0	WEL
CJA	R	Chijiwa ..... Nagasaki, Kyushu, Japan opened 197704.	32 47 03.0 N (32.7842)	130 12 38.0 E (130.2106)	88.0	SHV
CJB	R	Carmo Cajuru ..... Minas Gerais, Brazil	...	...	...	BDF
CJM	R	Chamela ..... Jalisco, Mexico	19 30 00.0 N (19.5000)	105 02 30.0 W (105.0417)	40.0	UNM
CJR		Cluj ..... Romania opened 1979.	46 42 48.0 N (46.7133)	23 35 53.0 E ( 23.5981)	750.0	BUC
CJV	R	Casa Juvan ..... Los Angeles County, California, U.S.A. opened 198103.	34 31 49.8 N (34.5305)	118 08 40.2 W (118.1445)	1341.0	PAS
CJW	C	Canyon Junction ..... Wyoming, U.S.A. opened 197410. MNLO code YPCJ. (Alternate Abbreviation for CK-BC)	44 44 06.0 N (44.7350)	110 29 24.0 W (110.4900)	2426.0	MNLO
CK-						
CK-BC	C	Cache Creek ..... British Columbia, Canada 19620722-19621005.	50 49 31.0 N (50.8253)	121 19 40.0 W (121.3278)	518.0	LRSB
CKC	RD	Cook Canyon ..... San Bernardino County, California, U.S.A. opened 197504.	34 08 10.8 N (34.1363)	117 10 28.8 W (117.1747)	550.0	PAS
CKI		Cairo Montenotte ..... Trentino-Alto Adige, Italy opened 198310.	44 25 29.6 N (44.4249)	8 16 47.6 E ( 8.2799)	328.0	ROM
CKK		Chekok ..... Western Alaska, Alaska, U.S.A. 19720729-19780909.	59 57 34.8 N (59.9597)	154 13 59.4 W (154.2332)	732.0	AGS
CKM	C	Coopers Lake ..... Montana, U.S.A. 19740802-19761004.	47 03 59.9 N (47.0666)	112 54 35.5 W (112.9099)	1353.0	MSO
CKO	D	Chalk River ..... Ontario, Canada opened 19810112.	45 59 40.0 N (45.9944)	77 27 00.0 W ( 77.4500)	190.5	ECTN
CKP	R	Chanarkot ..... Pakistan opened 1974?	34 01 21.6 N (34.0227)	72 46 24.0 E ( 72.7733)	1195.0	PAL
CKR	R	Christmas Creek ..... Western Alaska, Alaska, U.S.A. (Alternate Abbreviation for CL-ID)	64 40 04.8 N (64.6680)	160 31 49.8 W (160.5305)	671.0	GIA
CL-						
CL-ID	C	Challis ..... Idaho, U.S.A. 19660523-19660524.	44 29 28.0 N (44.4911)	114 20 30.0 W (114.3417)	2256.0	LRSB
CL1		Del Valle ..... Alameda County, California, U.S.A.	37 33 21.6 N (37.5560)	121 40 48.6 W (121.6802)	100.0	LAC
CL2		Mines Road ..... Alameda County, California, U.S.A.	37 37 30.0 N (37.6250)	121 42 29.4 W (121.7082)	100.0	LAC
CLA	C	Chala ..... Peru	15 51 37.0 S (15.8603)	74 14 36.0 W ( 74.2433)	32.0	
CLAR		Clarkstown ..... New York, U.S.A.	41 11 19.2 N (41.1887)	74 00 13.2 W ( 74.0037)	76.0	BLMY
CLB		Chilbolton ..... England, United Kingdom opened 19760211.	51 08 37.0 N (51.1436)	1 25 58.0 W ( 1.4328)	80.0	BKN
CLC	D	China Lake ..... Inyo County, California, U.S.A. opened 19490708.	35 49 00.0 N (35.8167)	117 35 48.0 W (117.5967)	766.0	PAS
(CLC)		see international code LKC				
CLCM		(Alternate Abbreviation for LKC)				

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CLD	C Caldero ..... Atocoma, Chile	27 05 .. S (27.0833)	70 56 .. W ( 70.9333)	...	SAN
CLE	C Cleveland ..... Ohio, U.S.A. opened 1904.	41 29 19.5 N (41.4888)	81 31 55.5 W ( 81.5321)	328.0	
CLF	C Chambon-la-Forêt ..... Orléans, France	48 01 .. N (48.0167)	2 16 .. E ( 2.2667)	...	
CLG	C Cologne (Köln) ..... Nordrhein-Westfalen, Fed. Rep. of Germany	50 55 42.0 N (50.9283)	6 56 06.0 E ( 6.9350)	...	BNS
CLH	C Cheltenham ..... Maryland, U.S.A. 190411-192812.	38 44 05.0 N (38.7347)	76 50 45.0 W ( 76.8458)	...	NEIS
CLI	C Colonesi ..... Romania opened 1981.	46 33 .. N (46.5500)	27 17 .. E ( 27.2833)	502.0	BUC
(CLI)	see international code CLIC				
CLIC	R Colipatria ..... Imperial County, California, U.S.A. opened 197611. PAS code CLI.	33 08 27.0 N (33.1408)	115 31 38.4 W (115.5273)	-59.0	PAS
CLIN	C Clinton ..... New York, U.S.A. 197805-19830225.	41 52 30.0 N (41.8750)	73 50 56.4 W ( 73.8490)	168.0	PAL
CLK	C Chileka ..... Malawi opened 1963? Sent to NEIS by BUL.	15 40 48.0 S (15.6800)	34 58 36.0 E ( 34.9767)	781.0	
(CLK)	see international code CLKR				
CLKR	C Crowley Lake ..... Mono County, California, U.S.A. opened 197911. REN code CLK.	37 35 26.5 N (37.5907)	118 49 26.8 W (118.8241)	2576.0	REN
CLL	C Collenberg ..... German Dem. Rep.	51 18 36.0 N (51.3100)	13 00 12.0 E ( 13.0033)	230.0	
CLM	C Coleman ..... Alberta, Canada closed before 1962.	49 38 06.0 N (49.6350)	114 31 12.0 W (114.5200)	...	OTTR
CLN	C Carlsbad ..... New Mexico, U.S.A. opened 19740405.	32 24 09.6 N (32.4027)	103 43 54.6 W (103.7318)	1094.0	SNM
(CLN)	see international code CLNS				
CLN2	C Carlsbad ..... New Mexico, U.S.A.	32 21 18.6 N (32.3552)	103 46 25.8 W (103.7738)	1100.0	SNM
CLN4	C Carlsbad ..... New Mexico, U.S.A.	32 21 12.0 N (32.3533)	104 01 45.0 W (104.0292)	1100.0	SNM
CLN7	C Carlsbad ..... New Mexico, U.S.A.	32 24 47.4 N (32.4132)	103 48 27.0 W (103.8075)	1100.0	SNM
CLNS	R Chulman ..... Yakutskaya ASSR, R.S.F.S.R., U.S.S.R. MOS code CLN. location uncertain.	56 54 .. N (56.9000)	125 00 .. E (125.0000)	...	MOSR
CLO	C Closani ..... Romania opened 19820901.	45 04 26.0 N (45.0739)	22 48 07.0 E ( 22.8019)	335.0	BUC
CLP	C Clara Peak ..... New Mexico, U.S.A. opened 197309.	36 02 09.0 N (36.0358)	106 14 25.0 W (106.2403)	2591.0	LOA
CLR	C Collurania ..... Abruzzo, Italy	42 40 .. N (42.6667)	13 43 .. E ( 13.7167)	...	
CLS	C Colistoga ..... Napa County, California, U.S.A. 1961-19641221.	38 38 12.0 N (38.6367)	122 35 06.0 W (122.5850)	457.0	BRK
CLT	C Charlottesville ..... Virginia, U.S.A. 1973-1973.	38 02 .. N (38.0333)	78 31 .. W ( 78.5167)	150.0	BLA
CLU	C Cluj (Kolozvár) ..... Romania	46 45 .. N (46.7500)	23 39 .. E ( 23.6500)	...	
CLV	C Cleve ..... South Australia, Australia opened 196310.	33 41 28.0 S (33.6911)	136 29 44.0 E (136.4956)	238.0	ADE
CLW	C Colville ..... Washington, U.S.A. 197506-197611.	48 35 36.0 N (48.5933)	117 52 55.2 W (117.8820)	585.0	SEA
CLX	C Colx Mountain ..... Montana, U.S.A.	48 12 30.2 N (48.2084)	115 07 59.5 W (115.1332)	1975.0	
CLY	C Crystal Lake ..... New York, U.S.A. 197109-198212.	43 51 04.8 N (43.8513)	74 26 56.4 W ( 74.4490)	579.0	PAL
CLZ	C Cloustaal ..... Niedersachsen, Fed. Rep. of Germany	51 50 34.3 N (51.8429)	10 22 26.8 E ( 10.3741)	680.0	
CM1	C Central Minnesota Array ..... Minnesota, U.S.A. opened 19770101.	45 56 01.3 N (45.9337)	93 21 10.0 W ( 93.3528)	324.0	MNM
CM2	C Central Minnesota Array ..... Minnesota, U.S.A. opened 19770101.	45 58 26.8 N (45.9741)	93 09 42.4 W ( 93.1618)	323.0	MNM
CM3	C Central Minnesota Array ..... Minnesota, U.S.A. opened 19770101.	43 52 29.0 N (43.8747)	93 00 35.0 W ( 93.0097)	294.0	MNM
CM4	C Central Minnesota Array ..... Minnesota, U.S.A. opened 19770101.	45 45 00.0 N (45.7500)	93 06 07.0 W ( 93.1019)	298.0	MNM

TABLE 1

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Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CM5	R	Central Minnesota Array ..... Minnesota, U.S.A. opened 19770101.	45 46 58.9 N (45.7830)	93 19 24.2 W ( 93.3234)	298.0	MNM
CM6		Central Minnesota Array ..... Minnesota, U.S.A. opened 19770101.	45 51 35.6 N (45.8599)	93 11 51.8 W ( 93.1977)	310.0	MNM
CMA	C	Cleor Mews ..... Central Alaska, Alaska, U.S.A. 1964-197401.	64 17 24.0 N (64.2900)	149 10 48.0 W (149.1800)	181.0	
CMC	C	Coppermine ..... Northwest Territories, Canada 19630315-1969126. WWSS 19630422-?	67 50 .. N (67.8333)	115 05 .. W (115.0833)	31.0	OTT WWSS
(CMC)		see international code CMCM				
CMCM		Millis College ..... Alameda County, California, U.S.A. opened 19710720. MNLO code CMC.	37 46 52.7 N (37.7813)	122 10 32.9 W (122.1758)	90.0	MNLO
CMF	C	Cannet des Moures ..... Provence, France	43 21 26.4 N (43.3573)	6 23 22.2 E ( 6.3895)	152.0	
CMG	R	La Cumbre ..... Guatemala	14 40 14.4 N (14.6707)	89 47 07.2 W ( 89.7853)	1802.0	GCG
CMH	D	Chemehuevi Mountains ..... San Bernardino County, California, U.S.A. opened 197502.	34 33 10.8 N (34.5530)	114 34 19.2 W (114.5720)	940.0	PAS
(CMH)		see international code MHR				
CMHM		(Alternate Abbreviation for MHR)				
CM1		Centennial Mountain ..... Idaho, U.S.A.	44 31 31.2 N (44.5253)	111 37 18.6 W (111.6218)	2377.0	
(CMJ)		see international code MSJ				
CMJM		(Alternate Abbreviation for MSJ)				
CML		Cha de Macela ..... Azores, Portugal opened 1980.	37 46 14.9 N (37.7708)	25 32 45.3 W ( 25.5459)	291.0	PDA
(CML)		see international code CMLM				
CMLM		Mount Lewis ..... Santa Clara County, California, U.S.A. MNLO code CML.	37 28 38.4 N (37.4773)	121 39 05.4 W (121.6515)	1076.0	MNLO
(CMM)		see international code CMMM				
CMMM		Mount Macho ..... Santa Clara County, California, U.S.A. MNLO code CMM.	37 27 20.4 N (37.4557)	121 29 37.2 W (121.4937)	1117.0	MNLO
CMN	C	Crown Mine ..... Nevada, U.S.A. opened 1964.	40 48 57.6 N (40.8160)	117 31 40.2 W (117.5278)	1792.0	REN
(CMN)		see international code CMNM				
CMNM		Mines Road ..... Alameda County, California, U.S.A. MNLO code CMN.	37 37 39.0 N (37.6275)	121 42 30.0 W (121.7083)	245.0	MNLO
CMO	D	College--Fairbanks ..... Central Alaska, Alaska, U.S.A. 1949-1977. IDA opened 197707.	64 51 36.0 N (64.8600)	147 50 06.0 W (147.8350)	180.0	NEIS IDA
(CMO)		see international code MTC				
CMOM		(Alternate Abbreviation for MTC)				
CMP		Campulung ..... Romania opened 19430301.	45 16 06.0 N (45.2683)	25 02 18.0 E ( 25.0383)	598.0	BUC
(CMP)		see international code CMPM				
CMPM		Mikes Peak ..... Stanislaus County, California, U.S.A. MNLO code CMP.	37 21 27.6 N (37.3577)	121 18 30.6 W (121.3085)	799.0	MNLO
CMR	C	Camerino ..... Marche, Italy closed 198108.	43 08 .. N (43.1333)	13 04 .. E ( 13.0667)	...	ROM
(CMR)		see international code MNR				
CMRM		(Alternate Abbreviation for MNR)				
CMS		Cobar Meteorology Station ..... New South Wales, Australia opened 19821206.	31 29 12.0 S (31.4867)	145 49 42.0 E (145.8283)	255.0	AUST
(CMS)		see international code CHMS				
CMT		Cloncy ..... Montano, U.S.A. opened 1974.	46 31 .. N (46.5167)	111 56 .. W (111.9333)	1402.0	
CMTX		Cooper Mountain ..... Texas, U.S.A. opened 1979?	33 00 37.8 N (33.0105)	100 50 30.6 W (100.8418)	811.0	
CMU		Cedar Mountain ..... Emery County, Utah, U.S.A. opened 197806.	39 10 16.8 N (39.1713)	110 37 09.6 W (110.6193)	2332.0	SLC
CMW	R	Cultus Mountain ..... Washington, U.S.A.	...	...	...	SEA
CMZ		Coshmere ..... South Island, New Zealand opened 19780907.	43 35 10.1 S (43.5861)	172 38 22.6 E (172.6396)	255.0	WEL
CN-		(Alternate Abbreviation for CN-WS)				
CN-WS	C	Cornell ..... Wisconsin, U.S.A. 19620510-19620628.	45 11 34.0 N (45.1928)	91 07 41.0 W ( 91.1281)	320.0	LRSM
CN2		Chongchun ..... Jilin, China (Mainland) opened 19761015.	43 48 05.0 N (43.8014)	125 26 54.0 E (125.4483)	230.0	BJI

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TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CNA	C Cantwell ..... Central Alaska, Alaska, U.S.A. 197108-197609.	63 23 47.0 N (63.3964)	148 56 42.0 W (148.9450)	700.0	GIA
CNB	Canberra Magnetic Observatory ..... Australian Cap. Terr., Australia	35 18 54.0 S (35.3150)	149 21 48.0 E (149.3633)	850.0	AUST
CNC	C Cancord--Diablo Valley College ..... Contra Costa County, California, U.S.A. 19600912-19661206.	37 58 00.0 N (37.9667)	122 04 18.0 W (122.0717)	36.0	BRK
CNCB	Chanca ..... Bolivia opened 1982.	16 48 35.0 S (16.8097)	67 58 50.0 W ( 67.9806)	4325.0	LPZ
CNCM	R Norris Canyon Road ..... Alameda County, California, U.S.A. opened 19760902.	37 45 21.6 N (37.7560)	121 59 24.0 W (121.9900)	306.0	MNLO
CND	Current ..... Nevada, U.S.A. opened 197511.	38 49 55.2 N (38.8320)	115 17 22.9 W (115.2897)	2292.0	REN
CNE	C Childress ..... Texas, U.S.A. closed 1974.	34 35 01.8 N (34.5838)	100 18 37.2 W (100.3103)	555.0	MNLO
CNF	C Cerre les Noroy ..... Franche Comte, France	47 34 58.2 N (47.5828)	6 19 03.6 E ( 6.3177)	...	
CNG	Changalane ..... Mozambique opened 1961.	26 17 30.0 S (26.2917)	32 11 18.0 E ( 32.1883)	100.0	CNG
CNH	C Changchun ..... Jilin, China (Mainland) closed 19761015.	43 49 45.0 N (43.8292)	125 18 48.0 E (125.3133)	236.0	BJI
CNJ	C Catfish Pond ..... New Jersey, U.S.A. 197302-197407.	41 02 09.0 N (41.0358)	75 00 15.0 W ( 75.0042)	351.0	PAL
CNK	Concordia ..... Kansas, U.S.A. opened 19780418.	39 30 28.8 N (39.5080)	97 42 46.8 W ( 97.7130)	465.0	LAK
CNL	C Cannel ..... Washington, U.S.A. 197006-197502.	46 39 10.8 N (46.6530)	118 55 01.2 W (118.9170)	293.0	MNLO
CNM	C Chama ..... New Mexico, U.S.A.	36 55 00.0 N (36.9167)	106 34 08.0 W (106.5689)	...	NEIS
CNN	C Cincinnati ..... Ohio, U.S.A. 1927-1963.	39 08 42.0 N (39.1450)	84 29 48.1 W ( 84.4967)	203.0	
CNO	C Childress ..... Texas, U.S.A. closed 1974.	34 34 40.8 N (34.5780)	100 20 06.6 W (100.3352)	562.0	MNLO
CNP	Catarman ..... Samar, Philippines opened 19800904.	12 30 37.8 N (12.5105)	124 39 47.4 E (124.6632)	...	MAN
(CNP)	see international code CNPM				
CNPM	China Point ..... Kenai Peninsula, Alaska, U.S.A. AGS code CNP.	59 31 33.0 N (59.5258)	151 14 09.6 W (151.2360)	564.0	AGS
CNR	Chanco ..... Nicaragua opened 1975.	12 40 21.0 N (12.6725)	87 04 19.8 W ( 87.0722)	240.0	APY
CNT	(Alternate Abbreviation for GZH)				
CNU	(Alternate Abbreviation for COU)				
CNV	Corbin ..... Virginia, U.S.A. opened 197807.	38 12 18.0 N (38.2050)	77 22 24.0 W ( 77.3733)	70.0	BLA
CNW	C Childress ..... Texas, U.S.A. closed 1974.	34 35 30.0 N (34.5917)	100 21 34.8 W (100.3597)	540.0	MNLO
CNY	City College of New York ..... New York, U.S.A. opened 194805; currently inoperative.	40 49 18.0 N (40.8217)	73 57 12.0 W ( 73.9533)	...	
CNZ	Chateau ..... North Island, New Zealand	39 12 00.0 S (39.2000)	175 32 51.0 E (175.5475)	1116.0	WEL
CO-	(Alternate Abbreviation for CO-SD)				
CO-SD	C Colome ..... South Dakota, U.S.A. 19620706-19620711.	43 17 12.0 N (43.2867)	99 40 13.0 W ( 99.6703)	640.0	LRSM
CO2	RD Coxcomb Mountains No. 2 ..... Riverside County, California, U.S.A. opened 197411.	33 50 49.8 N (33.8472)	115 20 40.8 W (115.3447)	276.0	PAS
COA	D Coachella ..... Imperial County, California, U.S.A. opened 197303.	32 51 48.6 N (32.8635)	115 07 21.6 W (115.1227)	35.0	PAS
COB	Cobb River ..... South Island, New Zealand	41 05 16.0 S (41.0878)	172 44 02.0 E (172.7339)	213.0	WEL
COC	Colomba ..... Sri Lanka	6 54 .. N ( 6.9000)	79 52 .. E ( 79.8667)	7.0	
COD	South Dennis ..... Massachusetts, U.S.A.	41 41 09.0 N (41.6858)	70 08 06.0 W ( 70.1350)	-85.0	CAM
COE	Coe Ranch ..... Santa Clara County, California, U.S.A opened 19671003. MNLO code CCO.	37 15 27.6 N (37.2577)	121 40 21.0 W (121.6725)	366.0	MNLO
COH	Cochiti ..... New Mexico, U.S.A. opened 197601.	35 34 48.6 N (35.5802)	106 18 17.4 W (106.3048)	1646.0	NEIS

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TABLE 1

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Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
COI	Coimbra . . . . . Portugal	40 12 24.0 N (40.2067)	8 25 06.0 W ( 8.4183)	140.0	INMG
COJ	R Choshi . . . . . Chiba, Honshu, Japan CDPJ code CHS.	35 42 07.9 N (35.7022)	140 51 18.0 E (140.8550)	-42.0	CDPJ
COK	D Cook Ranch . . . . . Imperial County, California, U.S.A. opened 197304.	32 50 57.1 N (32.8492)	115 43 36.5 W (115.7268)	-15.0	PAS
COL	D Collee Outpost . . . . . Central Alaska, Alaska, U.S.A. WWSS opened 196401. DWSS opened 19820106.	64 54 00.0 N (64.9000)	147 47 36.0 W (147.7933)	320.0	NEIS DWSS WWSS
(COL)	see international code COLR				
COLI	Colloredo . . . . . Friuli-Venezia Giulia, Italy opened 19770506.	46 08 00.0 N (46.1333)	13 22 42.0 E ( 13.3783)	250.0	TRI
COLR	U Columbus . . . . . Nevada, U.S.A. 197411-1976. REN code COL.	38 08 40.9 N (38.1447)	118 03 15.1 W (118.0542)	1835.0	REN
COM	Comitan . . . . . Chiapas, Mexico	16 15 12.0 N (16.2533)	92 07 41.0 W ( 92.1281)	1528.0	UNM
CON	Concepcion . . . . . Concepcion, Chile	36 49 41.0 S (36.8281)	73 02 42.0 W ( 73.0450)	46.0	SAN
COO	Coaney (Armidale) . . . . . New South Wales, Australia opened 19740817.	30 34 40.0 S (30.5778)	151 53 30.0 E (151.8917)	653.0	AUST
COP	Copenhagen . . . . . Denmark WWSS opened 19620216.	55 41 . . N (55.6833)	12 26 . . E ( 12.4333)	13.0	COP WWSS
COQ	D Carona Quarry . . . . . Riverside County, California, U.S.A. opened 197601.	33 51 37.8 N (33.8605)	117 30 34.9 W (117.5097)	1634.0	PAS
COR	Carvallis . . . . . Oregon, U.S.A. opened 195012. WWSS opened 19620801.	44 35 08.6 N (44.5857)	123 18 11.5 W (123.3032)	121.0	WWSS
COS	Casiguina . . . . . Nicaragua opened 1975.	12 57 28.8 N (12.9580)	87 34 30.6 W ( 87.5752)	500.0	APY
(COS)	see international code COSM				
COSM	Maunt Osa . . . . . Stanislaus County, California, U.S.A. MNLO code COS.	37 30 30.6 N (37.5085)	121 22 26.4 W (121.3740)	1020.0	MNLO
COSP	Cold Spring . . . . . New York, U.S.A.	41 26 26.4 N (41.4407)	73 55 41.4 W ( 73.9282)	128.0	BLMY
COT	RD Chocolate Mountains . . . . . Imperial County, California, U.S.A. opened 19730416.	33 18 18.6 N (33.3052)	115 21 12.6 W (115.3535)	294.0	PAS
(COT)	see international code COTR				
COTN	C Columbia . . . . . Tennessee, U.S.A. closed 19850925.	35 47 03.0 N (35.7842)	86 58 14.4 W ( 86.9707)	320.0	TVA
COTR	U Cottonwood . . . . . Nevada, U.S.A. 197408-197507. REN code COT.	38 38 30.1 N (38.6417)	118 46 18.5 W (118.7718)	1890.0	REN
COV	C Colchester . . . . . Vermont, U.S.A. 197611-198008.	44 34 39.6 N (44.5777)	73 08 45.0 W ( 73.1458)	85.0	PAL
COW	Cow Castle Creek . . . . . South Carolina, U.S.A. opened 19771023.	33 23 03.0 N (33.3842)	80 42 03.0 W ( 80.7008)	...	USGS
COY	D Coyote Mountain . . . . . San Diego County, California, U.S.A. opened 197601.	33 21 50.4 N (33.3640)	116 18 37.8 W (116.3105)	232.0	PAS
COZ	Cazia . . . . . Romania opened 19820901.	45 19 14.0 N (45.3206)	24 20 33.0 E ( 24.3425)	1610.0	BUC
CP-	(Alternate Abbreviation for CP-CL)				
CP-CL	C Campo . . . . . San Diego County, California, U.S.A. 19611010-19640301; 19651026-19651113; 19660226- 19660312; 19670801-19670806; 19680418-19680426.	32 43 44.0 N (32.7289)	116 22 16.0 W (116.3711)	1189.0	LRSM
CP-SO	C Cumberland Plateau Observatory . . . . . Tennessee, U.S.A. 19750314-19760728	35 35 41.0 N (35.5947)	85 34 14.0 W ( 85.5706)	574.0	LRSM
CPA	R Chapri . . . . . Pakistan	32 58 49.8 N (32.9805)	71 25 25.2 E ( 71.4237)	335.0	PINS
CPB	Codrington . . . . . Barbuda, Antigua and Barbuda opened 19800709.	17 38 24.0 N (17.6400)	61 49 33.6 W ( 61.8260)	5.0	TRN
CPBX	Cerro Prieto . . . . . Baja California, Mexico	32 25 03.6 N (32.4177)	115 18 14.4 W (115.3040)	...	ECX
CPC	C Cherry Point . . . . . North Carolina, U.S.A. 195001-195612.	34 54 . . N (34.9000)	76 53 . . W ( 76.8833)	...	
CPD	Cerro la Pandura . . . . . Puerto Rico opened 19750730.	18 02 20.0 N (18.0389)	65 54 55.5 W ( 65.9154)	370.0	USGS
CPE	O Camp Elliot . . . . . San Diego County, California, U.S.A. opened 197211.	32 52 48.0 N (32.8800)	117 06 00.0 W (117.1000)	213.0	PAS

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TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CPH	Captain Cook ..... Hawaii, U.S.A. opened 19730920. HVO code CAC.	19 29 17.4 N (19.4882)	155 55 05.4 W (155.9182)	323.0	HVO
CPI	Crown Point ..... Idaho, U.S.A.	43 52 .. N (43.8667)	116 18 .. W (116.3000)	...	BSE
CPIC	R Capiapo ..... Atacama, Chile proposed GTSN station.	...	...	...	
CPK	Cane Peak ..... Hawaii, Hawaii, U.S.A. opened 196711.	19 23 42.0 N (19.3950)	155 19 42.0 W (155.3283)	1038.0	HVO
CPL	C Chaplin ..... Connecticut, U.S.A. 19720119-19740723.	41 47 20.3 N (41.7890)	72 06 26.1 W ( 72.1073)	161.0	WES
(CPL)	see international code PLC				
CPLM	(Alternate Abbreviation for PLC)				
CPM	RD Capper Mountain ..... San Diego County, California, U.S.A. opened 197406.	34 09 14.4 N (34.1540)	116 11 48.0 W (116.1967)	937.0	PAS
(CPM)	see international code PCM				
CPN	C CP-17 ..... Nevada, U.S.A. 1965-1970.	37 08 37.8 N (37.1438)	116 16 16.8 W (116.2713)	1759.0	USGS
(CPN)	see international code CPNM				
CPNM	Pleasant Water Tower ..... Alameda County, California, U.S.A. MNLO code CPN.	37 39 00.6 N (37.6502)	121 51 42.0 W (121.8617)	200.0	MNLO
CPD	C Cumberland Plateau ..... Tennessee, U.S.A. opened 19630213.	35 35 41.4 N (35.5948)	85 34 13.5 W ( 85.5704)	574.0	NEIS
CPOT	Cumberland Plateau ..... Tennessee, U.S.A.	35 36 13.8 N (35.6038)	85 34 24.6 W ( 85.5735)	570.0	TVA
CPP	Capiopa ..... Atacama, Chile	27 21 15.0 S (27.3542)	70 21 04.0 W ( 70.3511)	384.0	SAN
CPR	C Cape Romanzof ..... Western Alaska, Alaska, U.S.A.	61 47 24.0 N (61.7900)	165 57 18.0 W (165.9550)	...	
CPT	Camp Pendleton ..... San Diego County, California, U.S.A. opened 197501.	33 18 09.0 N (33.3025)	117 20 22.2 W (117.3395)	61.0	PAS
CPTM	Cactus Peak West ..... Inyo County, California, U.S.A. opened 19750926. MNLO code WCP.	36 04 15.6 N (36.0710)	117 50 59.3 W (117.8498)	1494.0	MNLO
CPU	Coan Peak ..... Salt Lake County, Utah, U.S.A. opened 197411.	40 40 23.0 N (40.6731)	112 11 25.0 W (112.1903)	2228.0	SLC
CPV	R Carupana ..... Venezuela	...	...	...	CAR
CPW	Capital Peak ..... Washington, U.S.A. opened 19700729.	46 58 25.8 N (46.9738)	123 08 10.8 W (123.1363)	792.0	SEA
CPX	CP-1 ..... Nevada, U.S.A. opened 1961.	36 55 48.0 N (36.9300)	116 03 18.0 W (116.0550)	1285.0	USGS
CQ-NV	C Caliente ..... Nevada, U.S.A. 19671101-19671210 (Alternate Abbreviation for CR-NB)	37 54 15.0 N (37.9042)	114 28 15.0 W (114.4708)	1804.0	LRSM
CR-					
CR-NB	C Crete ..... Nebraska, U.S.A. 19651026-19661014.	40 39 52.0 N (40.6644)	96 51 15.0 W ( 96.8542)	442.0	LRSM
CR1	Chicoasen Reservoir No. 1 ..... Chiapas, Mexico Also sent to NEIS by UNM.	17 02 43.2 N (17.0453)	93 06 54.6 W ( 93.1152)	1200.0	IIM
CR2	Chicoasen Reservoir No. 2 ..... Chiapas, Mexico Also sent to NEIS by UNM.	16 53 06.0 N (16.8850)	92 57 28.8 W ( 92.9580)	1743.0	IIM
CR2NB	C Crete ..... Nebraska, U.S.A. open 3 intervals during 19690814-19730522	40 38 12.0 N (40.6367)	96 50 54.0 W ( 96.8483)	418.0	LRSM
CR3	Chicoasen Reservoir No. 3 ..... Chiapas, Mexico Also sent to NEIS by UNM.	16 48 51.6 N (16.8143)	92 57 16.8 W ( 92.9547)	1200.0	IIM
CR4	Chicoasen Reservoir No. 4 ..... Chiapas, Mexico Also sent to NEIS by UNM.	16 43 01.8 N (16.7172)	93 04 29.4 W ( 93.0748)	900.0	IIM
CR5	Chicoasen Reservoir No. 5 ..... Chiapas, Mexico Also sent to NEIS by UNM.	16 49 00.6 N (16.8168)	93 07 07.8 W ( 93.1188)	1300.0	IIM
CR6	Chicoasen Reservoir No. 6 ..... Chiapas, Mexico Also sent to NEIS by UNM.	16 57 29.4 N (16.9582)	93 13 33.6 W ( 93.2260)	1700.0	IIM
CR7	Chicoasen Reservoir No. 7 ..... Chiapas, Mexico	17 13 58.8 N (17.2330)	93 10 12.0 W ( 93.1700)	1750.0	IIM
CRA	Chernovtsy ..... Ukrainian S.S.R., U.S.S.R.	48 17 .. N (48.2833)	25 56 .. E ( 25.9333)	...	MOSR
(CRA)	see international code CRAM				
CRAM	San Roman ..... Contra Costa County, California, U.S.A. opened 19760902. MNLO code CRA.	37 46 01.9 N (37.7672)	121 56 15.0 W (121.9375)	171.0	MNLO

## CODES

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CRB	C	Chernovtsy ..... Ukrainian S.S.R., U.S.S.R.	48 18 .. N (48.3000)	25 56 .. E ( 25.9333)	...	
CRC	C	Castle Rock ..... Santa Cruz County, California, U.S.A.	37 14 30.0 N (37.2417)	122 07 49.0 W (122.1303)	607.0	MNLO
CRD		19660301-19770601. Cavedale Road ..... Sonoma County, California, U.S.A.	38 22 11.4 N (38.3698)	122 27 42.0 W (122.4617)	620.0	MNLO
CRDA	R	Cardaba ..... Cardaba, Argentina proposed GTSN station.	...	...	...	
CRE		Caprese Michelangelo ..... Toscana, Italy opened 198310.	43 37 41.2 N (43.6281)	11 57 06.1 E ( 11.9517)	653.0	ROM
CRF		Carfu ..... Washington, U.S.A. opened 197007.	46 49 30.6 N (46.8252)	119 23 15.6 W (119.3877)	190.0	SEA
CRG		Carmichael ..... Guadeloupe FDF code CAG.	16 03 15.0 N (16.0542)	61 39 33.0 W ( 61.6592)	1370.0	FDF
(CRG)		see international code CRGC				
CRGC	D	Cracker Grade ..... San Luis Obispo County, California, U.S.A.	35 14 31.9 N (35.2422)	119 43 23.9 W (119.7233)	1204.0	PAS
		opened 197606. PAS code CRG.				
CRH		Carson Hill ..... Tuolumne County, California, U.S.A.	38 01 07.2 N (38.0187)	120 30 34.2 W (120.5095)	475.0	MNLO
		opened 19720419. MNLO code MCH.				
CRI		Mount Carmel ..... Israel opened 198307.	32 40 55.2 N (32.6820)	35 02 42.0 E ( 35.0450)	450.0	JER
CRID		Crittenden County--Downhole ..... Arkansas, U.S.A.	35 18 07.2 N (35.3020)	90 19 58.8 W ( 90.3330)	36.0	TEIC
		opened 19820316.				
CRIS		Crittenden County--Surface ..... Arkansas, U.S.A.	35 18 07.2 N (35.3020)	90 19 58.8 W ( 90.3330)	64.0	TEIC
		opened 19811216.				
CRL	C	Carlaforte ..... Sardinia, Italy	39 08 .. N (39.1333)	8 19 .. E ( 8.3167)	18.0	
CRM		Caravelle ..... Martinique opened 1973.	14 45 13.2 N (14.7537)	60 54 55.8 W ( 60.9155)	180.0	FDF
CRN		Corinaldo ..... Marche, Italy	43 37 51.0 N (43.6308)	12 59 52.0 E ( 12.9978)	271.0	ROM
CRNY		Cross River ..... New York, U.S.A. opened 19811201.	41 18 42.6 N (41.3118)	73 32 53.4 W ( 73.5482)	...	PAL
CRO	C	Carnasaw Mountain Lookout Tower ..... Oklahoma, U.S.A.	34 08 59.7 N (34.1499)	94 33 20.2 W ( 94.5556)	302.0	TUL
		19770517-19800723.				
CROG		Croghan ..... New York, U.S.A.	43 54 18.0 N (43.9050)	75 24 45.0 W ( 75.4125)	244.0	PAL
		opened 19770727.				
CRP		Crater Peak ..... Western Alaska, Alaska, U.S.A.	61 16 01.2 N (61.2670)	152 09 19.8 W (152.1555)	1622.0	AGS
(CRP)		see international code CRPM				
CRPM		Russellman Park ..... Contra Costa County, California, U.S.A.	37 54 45.0 N (37.9125)	121 54 19.8 W (121.9055)	331.0	MNLO
		opened 19700918. MNLO code CRP.				
CRQ		Rosemanowes ..... England, United Kingdom opened 198102.	50 10 15.0 N (50.1708)	5 11 11.0 W ( 5.1864)	165.0	BGS
CRR	D	Corriza Plain ..... Imperial County, California, U.S.A.	32 53 10.8 N (32.8863)	115 58 06.0 W (115.9683)	98.0	PAS
		opened 197303.				
CRS	R	Chora ..... Chitinskaya Oblast, R.S.F.S.R., U.S.S.R.	56 54 .. N (56.9000)	118 12 .. E (118.2000)	...	MOSR
		MOS code CAA.				
CRT		Cartuja (Granada) ..... Spain	37 11 24.0 N (37.1900)	3 35 52.5 W ( 3.5979)	774.0	
CRTN		Camb Ridge ..... Tennessee, U.S.A.	36 11 59.4 N (36.1998)	83 50 26.4 W ( 83.8407)	488.0	TVA
CRU		Crutchfield ..... Kentucky, U.S.A. opened 19740712.	36 35 42.0 N (36.5950)	89 01 12.0 W ( 89.0200)	127.0	SLM
CRV	C	Caraveli ..... Peru	15 47 04.0 S (15.7844)	73 22 23.0 W ( 73.3731)	1780.0	
CRX	D	Cerrillo ..... Mexico, Mexico Also sent to NEIS by UNM.	19 24 23.0 N (19.4064)	99 40 48.0 W ( 99.6800)	2560.0	MEX
CRZ		Cape Reinga ..... North Island, New Zealand opened 19671009.	34 25 55.0 S (34.4319)	172 40 47.0 E (172.6797)	140.0	WEL
CS-		(Alternate Abbreviation for CS-TN)				
CS-TN	C	Crossville ..... Tennessee, U.S.A.	35 48 55.0 N (35.8153)	85 09 34.0 W ( 85.1594)	579.0	LRSM
		19630101-19630321.				
CSA	C	Cape Sarichef ..... Aleutian Islands, Alaska, U.S.A.	54 35 40.0 N (54.5944)	164 52 30.0 W (164.8750)	152.0	PMR
		19701128-19710518.				
(CSA)		see international code CSAM				



Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CSAM	Sandia ..... Alameda County, California, U.S.A. MNLO code CSA.	37 40 25.2 N (37.6737)	121 42 15.0 W (121.7042)	215.0	MNLO
CSB	Colonía Sabana ..... Puerto Rico opened 19750730.	18 17 22.9 N (18.2897)	66 09 24.2 W ( 66.1567)	470.0	USGS
CSC	Columbia ..... South Carolina, U.S.A. 19310101-197309.	34 00 .. N (34.0000)	81 02 .. W ( 81.0333)	94.0	
(CSC)	see international code SVC				
CSCM	(Alternate Abbreviation for SVC)				
CSD	R Chor-Sady ..... Tajik S.S.R., U.S.S.R.	38 48 .. N (38.8000)	69 48 .. E ( 69.8000)	...	MOSR
CSE	C Childress ..... Texas, U.S.A. closed 1974.	34 33 21.0 N (34.5558)	100 19 49.8 W (100.3305)	521.0	MNLO
CSEM	F Centre Seismologique Euro-Mediterranean, France				
CSG	Childs Glacier ..... Central Alaska, Alaska, U.S.A. opened 1984.	60 39 39.6 N (60.6610)	144 51 18.0 W (144.8550)	678.0	AGS
CSH	California State, Hayward ..... Alameda County, California, U.S.A. opened 1972.	37 39 27.0 N (37.6575)	122 03 12.0 W (122.0533)	170.0	MNLO
CSHM	(Alternate Abbreviation for CSH)				
CSI	Cassano Ionio ..... Calabria, Italy opened 197905.	39 46 35.5 N (39.7765)	16 17 22.0 E ( 16.2894)	507.0	ACI
CSIL	Creal Springs ..... Illinois, U.S.A.	37 37 55.0 N (37.6319)	88 47 24.0 W ( 88.7900)	168.0	SLM
CSJ	Cape San Juan ..... Puerto Rico opened 197503.	18 22 58.8 N (18.3830)	65 37 04.8 W ( 65.6180)	66.0	PAL
CSL	R Crestline ..... San Bernardino County, California, U.S.A. opened 197104.	34 14 58.9 N (34.2497)	117 16 42.0 W (117.2783)	1490.0	CDWR
CSM	C Casamicciolo (Isola d'Ischia) ..... Campania, Italy	40 45 .. N (40.7500)	13 54 .. E ( 13.9000)	123.0	
CSN	Chicoasen ..... Chiapas, Mexico Also sent to NEIS by UNM.	16 58 08.0 N (16.9689)	93 06 29.0 W ( 93.1081)	320.0	IIM
CSP	Cedar Springs ..... San Bernardino County, California, U.S.A. opened 196907.	34 17 52.9 N (34.2980)	117 21 26.8 W (117.3574)	1268.0	CDWR
CSR	Chase Ranch ..... Santa Clara County, California, U.S.A. opened 19671005. MNLO code HCR.	36 57 27.6 N (36.9577)	121 35 00.6 W (121.5835)	241.0	MNLO
(CSR)	see international code CSRY				
CSRY	Cold Spring River ..... New York, U.S.A. opened 198310. PAL code CSR.	43 58 09.0 N (43.9692)	74 10 30.0 W ( 74.1750)	...	PAL
CSS	Cyprus Station — Prodhromos ..... Cyprus opened 19840726.	34 57 44.0 N (34.9622)	33 19 50.0 E ( 33.3306)	396.0	
CSSM	Coso Springs South ..... Inyo County, California, U.S.A. opened 19750926. MNLO code WCS.	36 01 34.8 N (36.0263)	117 46 00.6 W (117.7668)	1143.0	MNLO
CST	Costrovirreyna ..... Peru	13 17 30.0 S (13.2917)	75 19 24.0 W ( 75.3233)	3947.0	LIM
CSTOP	F (keyword for telegraphic format)				
CSW	C Childress ..... Texas, U.S.A. closed 1974.	34 33 25.2 N (34.5570)	100 20 52.8 W (100.3480)	546.0	MNLO
CT-	(Alternate Abbreviation for CT-OK)				
CT-OK	C Clayton ..... Oklahoma, U.S.A. 19620714-19621005.	34 29 17.0 N (34.4881)	95 07 38.0 W ( 95.1272)	305.0	LRSM
CTA	D Charters Towers ..... Queensland, Australia opened 19570915. WWSS opened 19630322. HGLP 197103-1976.	20 05 18.0 S (20.0883)	146 15 16.0 E (146.2544)	357.0	BRS WWSS HGLP
CTAO	D Charters Towers ..... Queensland, Australia opened 19761009.	20 05 18.0 S (20.0883)	146 15 16.0 E (146.2544)	357.0	BRS ASRO
CTC	C Chetwynd ..... British Columbia, Canada 196712-197210.	55 38 30.0 N (55.6417)	121 45 00.0 W (121.7500)	...	EDM
CTCR	R Colan ..... Costa Rica	...	...	...	HDC
(CTG)	see international code CTGM				
CTGM	Chitina Glacier ..... Central Alaska, Alaska, U.S.A. opened 19790905. AGS code CTG.	60 57 54.0 N (60.9650)	141 20 00.0 W (141.3333)	1554.0	AGS
CTI	Castello Tesino ..... Trentino-Alto Adige, Italy	46 02 52.1 N (46.0478)	11 39 01.1 E ( 11.6503)	1175.0	ROM
(CTL)	see international code CTLM				
CTLM	Tesla Road ..... Alameda County, California, U.S.A. MNLO code CTL.	37 39 26.4 N (37.6573)	121 38 37.8 W (121.6438)	458.0	MNLO

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
CTM		Castle Mountain ..... Monterey County, California, U.S.A. opened 19701215.	35 55 54.0 N (35.9317)	120 20 13.2 W (120.3370)	1189.0	MNLO
CTN	R	Crete ..... Nebraska, U.S.A. opened 19771223.	40 37 20.0 N (40.6222)	96 56 54.0 W ( 96.9483)	432.0	
CTO	C	Cape Town ..... Cape Province, South Africa	33 57 .. S (33.9500)	18 27 .. E ( 18.4500)	100.0	PRE
CTP		Catapilco ..... Acancagua, Chile opened 197008.	32 34 18.0 S (32.5717)	71 18 42.0 W ( 71.3117)	116.0	SAN
CTR		Castle Rock ..... New York, U.S.A. opened 197109.	43 52 27.0 N (43.8742)	74 27 36.0 W ( 74.4600)	585.0	PAL
CTS		Cactus Peak ..... Nevada, U.S.A. opened 19790424.	37 39 24.0 N (37.6567)	116 43 32.0 W (116.7256)	1890.0	USGS
CTT		Catalca ..... Turkey opened 1978.	41 08 50.2 N (41.1473)	28 25 47.1 E ( 28.4297)	324.0	ISK
CTV	C	Charlottesville ..... Virginia, U.S.A. 19730704-197401.	38 01 57.5 N (38.0326)	78 31 22.1 W ( 78.5228)	264.0	
CTW	D	Cattawood Mountains ..... Riverside County, California, U.S.A. opened 19770824.	33 40 47.0 N (33.6797)	115 52 18.0 W (115.8717)	561.0	PAS
CU-		(Alternate Abbreviation for CU-NV)				
CU-NV	C	Current ..... Nevada, U.S.A. 19630909-19640309.	38 40 38.0 N (38.6772)	115 27 18.0 W (115.4550)	1646.0	LRSN
CUG		Cuglieri ..... Sardinia, Italy	40 11 13.0 N (40.1869)	8 34 11.4 E ( 8.5698)	445.0	
CUL	C	Culiacan ..... Sinaloa, Mexico	24 48 28.8 N (24.8080)	107 18 57.6 W (107.3160)	...	
CUM		Cumana ..... Venezuela opened 196908.	10 27 54.0 N (10.4650)	64 10 10.0 W ( 64.1694)	34.0	CAR
CUN	R	Columbus ..... Nebraska, U.S.A. opened 197806.	41 28 44.0 N (41.4789)	97 22 48.0 W ( 97.3800)	467.0	
CUP		Culebra ..... Puerto Rico opened 197506.	18 20 06.0 N (18.3350)	65 18 32.4 W ( 65.3090)	120.0	PAL
CUR		Chagan-Uzun ..... Altayskiy Kray, R.S.F.S.R., U.S.S.R.	50 06 .. N (50.1000)	88 21 .. E ( 88.3500)	...	MOSR
CUS		Cuzco ..... Peru	13 33 48.0 S (13.5633)	71 52 36.0 W ( 71.8767)	3240.0	
CUV	R	Cerro Uvita ..... Costa Rica (Alternate Abbreviation for CV-TN)	...	...	...	HDC
CV-						
CV-TN	C	Centerville ..... Tennessee, U.S.A. 19611125-19611220; 19620715-19621005.	35 46 12.0 N (35.7700)	87 23 04.0 W ( 87.3844)	183.0	LRSN
CVA		Cordova ..... Central Alaska, Alaska, U.S.A. opened 19710831.	60 32 47.4 N (60.5465)	145 44 57.6 W (145.7493)	90.0	AGS
CVC		Cholame Valley ..... San Luis Obispo County, California, U.S.A.	35 49 27.0 N (35.8242)	120 21 04.2 W (120.3512)	...	
CVD		Cernavoda ..... Romania	44 20 .. N (44.3333)	28 02 .. E ( 28.0333)	103.0	BUC
CVE		Cedar Cave ..... Beaver County, Utah, U.S.A.	38 27 51.0 N (38.4642)	112 51 06.0 W (112.8517)	1890.0	SLCI
CVF	D	Calvi ..... Corsica, France opened 197510.	42 34 03.0 N (42.5675)	8 52 10.0 E ( 8.8694)	530.0	LDG
CVI		Capo Vaticano ..... Calabria, Italy opened 197804.	38 35 32.4 N (38.5923)	15 54 13.6 E ( 15.9038)	...	OVO
CVL		Charlottesville ..... Virginia, U.S.A. opened 197807.	37 58 53.0 N (37.9814)	78 27 39.0 W ( 78.4608)	167.0	BLA USTN
(CVL)		see international code CVLM				
CVLM		Valicita ..... Alameda County, California, U.S.A. MNLO code CVL.	37 37 34.8 N (37.6263)	121 50 08.4 W (121.8357)	245.0	MNLO
CVO		Cavaso ..... Romania opened 19820901.	45 49 20.0 N (45.8222)	26 10 26.0 E ( 26.1739)	635.0	BUC
CVP		Callao Caves ..... Luzon, Philippines 19760501-19761231; reopened 19790522.	17 42 16.2 N (17.7045)	121 49 18.0 E (121.8217)	...	MAN
CVR		Calaveras Reservoir ..... Santa Clara County, California, U.S.A. opened 19671019. MNLO code CAL.	37 27 04.2 N (37.4512)	121 47 57.0 W (121.7992)	265.0	MNLO
CVV		Charlottesville ..... Virginia, U.S.A. opened 197404.	37 58 53.0 N (37.9814)	78 27 39.0 W ( 78.4608)	167.0	
CW-		(Alternate Abbreviation for CW-AR)				

Code	Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
CW-AR C	Conway ..... Arkansas, U.S.A. 19611115-19611216; 19620509-19620609	35 08 08.0 N (35.1356)	91 58 40.0 W ( 91.9778)	152.0	LRS
CWB R	Cumshewa ..... British Columbia, Canada opened 198509.	53 09 29.0 N (53.1581)	131 59 48.0 W (131.9967)	620.0	OTTR
CWC	Cottonwood Creek ..... Inyo County, California, U.S.A. opened 19651013.	36 26 18.0 N (36.4383)	118 04 42.0 W (118.0783)	1620.0	PAS
CWF	Charnwood Forest ..... England, United Kingdom opened 19741018.	52 44 17.8 N (52.7383)	1 18 26.1 W ( 1.3072)	186.5	
CWT C	Childress ..... Texas, U.S.A. closed 1974.	34 34 13.2 N (34.5703)	100 20 37.2 W (100.3437)	549.0	MNLO
CWU	Camp Williams ..... Salt Lake County, Utah, U.S.A. opened 197410.	40 26 45.2 N (40.4459)	112 06 07.8 W (112.1022)	1945.0	SLC
CX- CX-WV C	(Alternate Abbreviation for CX-WV) Croigsville ..... West Virginia, U.S.A.	38 19 23.0 N (38.3231)	80 38 25.0 W ( 80.6403)	732.0	LRS
CXM	Marne La Croix ..... Martinique FDF code LAM.	14 48 40.8 N (14.8113)	61 10 06.6 W ( 61.1685)	1240.0	FDF
CY- CY-WY C	(Alternate Abbreviation for CY-WY) Cheyenne ..... Wyoming, U.S.A. 19620706-19620711.	41 25 00.0 N (41.4167)	104 51 36.0 W (104.8600)	1920.0	LRS
CYA	Choya ..... Santiago del Estero, Argentina	28 26 40.0 S (28.4444)	65 47 38.0 W ( 65.7939)	567.0	SJA
CYC	Craw Canyon Road ..... Contra Costa County, California, U.S.A. opened 19760205.	37 47 29.4 N (37.7915)	121 56 53.5 W (121.9482)	219.0	MNLO
CYH C	Coyote Hills ..... Alameda County, California, U.S.A. 19661215-19750429.	37 33 32.4 N (37.5590)	122 05 37.2 W (122.0937)	38.0	MNLO
CYN C	Coyotepe ..... Nicaragua closed 197509.	11 59 45.0 N (11.9958)	86 05 55.2 W ( 86.0987)	345.0	APY
CYP R	Chylin ..... Poland opened 198101.	51 17 36.0 N (51.2933)	23 18 00.0 E ( 23.3000)	100.0	WAR
CYT C	Cape Yakutatgo ..... Central Alaska, Alaska, U.S.A. 19780808-19800922.	60 04 28.0 N (60.0744)	142 24 41.0 W (142.4114)	323.0	AGS
CYZ R	Clyde ..... South Island, New Zealand opened 19840404.	45 08 45.0 S (45.1458)	169 19 46.0 E (169.3294)	606.0	WEL
CZ- CZ-NB C	(Alternate Abbreviation for CZ-NB) Cady ..... Nebraska, U.S.A.	42 52 30.0 N (42.8750)	101 14 30.0 W (101.2417)	975.0	LRS
CZC	Chiapa de Corzo ..... Chiapas, Mexico	16 42 43.2 N (16.7120)	93 01 12.0 W ( 93.0200)	418.0	IM
CZI	Monte Cocuzzo ..... Calabria, Italy	39 13 05.9 N (39.2183)	16 08 01.1 E ( 16.1336)	...	ROM
CZL R	Cerro Azul ..... New Mexico, U.S.A. opened 19760929.	36 16 59.9 N (36.2833)	105 54 37.1 W (105.9103)	2128.0	LOA
CZT R	Chizu ..... Tottori, Honshu, Japan opened 197109.	35 16 10.1 N (35.2695)	134 17 36.8 E (134.2936)	300.0	DR I
D1A	Dickey ..... Maine, U.S.A. opened 197610.	47 03 31.0 N (47.0586)	69 05 56.0 W ( 69.0989)	305.0	WES
D2A	Dickey (Kelly Mountain) ..... Maine, U.S.A. opened 197610.	47 07 49.0 N (47.1303)	69 09 01.0 W ( 69.1503)	402.0	WES
D3A	Dickey (Carter Brook) ..... Maine, U.S.A. opened 197610.	47 05 15.0 N (47.0875)	69 10 01.0 W ( 69.1669)	259.0	WES
D4A	Dickey (Rocky Mountain) ..... Maine, U.S.A.	47 11 17.2 N (47.1881)	69 16 36.1 W ( 69.2767)	490.0	WES
D5A	Dickey (Browns Brook) ..... Maine, U.S.A.	47 00 40.7 N (47.0113)	69 15 54.0 W ( 69.2650)	365.0	WES
D6A	Dickey (Two Mile Stream) ..... Maine, U.S.A.	47 05 20.4 N (47.0890)	69 29 44.5 W ( 69.4957)	430.0	WES
DAC C	Darwin ..... Inyo County, California, U.S.A. opened 196006.	36 16 37.2 N (36.2770)	117 35 37.3 W (117.5937)	1433.0	SAND
DAF	Dafare ..... Djibouti opened 1976	11 36 27.8 N (11.6077)	42 31 44.8 E ( 42.5291)	275.0	ARO
DAG	Danmarkshavn ..... Greenland opened 19720901.	76 46 12.0 N (76.7700)	18 46 12.0 W ( 18.7700)	...	COP WWSS
DAH	Dandelion ..... Hawaii, Hawaii, U.S.A. HVO code DAN.	19 21 25.2 N (19.3570)	155 40 02.4 W (155.6673)	3003.0	HVO
DAI C	Dairen (Luda) ..... Liaoning, China (Mainland)	38 54 .. N (38.9000)	121 38 .. E (121.6333)	97.0	

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
DAK	C	Dakar ..... Senegal closed before 1970.	14 40 .. N (14.6667)	17 26 .. W ( 17.4333)	30.0	
(DAK)		see international code DAKH				
DAKH	R	Dake ..... Aomori, Honshu, Japan opened 197211. HRS code DAK.	40 37 52.1 N (40.6311)	140 16 21.0 E (140.2725)	525.0	HRS
DAL		Dallas ..... Texas, U.S.A. opened 19531214. WWSS opened 19611130.	32 50 46.0 N (32.8461)	96 47 02.0 W ( 96.7839)	187.0	DAL WWSS
DALG		Dolton ..... Georgia, U.S.A.	34 36 31.8 N (34.6088)	85 00 49.3 W ( 85.0137)	457.0	ATL
DAM	R	Dampier ..... Western Australia, Australia	20 40 .. S (20.6667)	116 40 .. E (116.6667)	...	AUST
DAN	C	Dane ..... Ontario, Canada closed before 1962.	48 04 .. N (48.0667)	80 01 .. W ( 80.0167)	...	OTTR
(DAN)		see international code DAH				
DANY	C	Dannemara ..... New York, U.S.A. 19770916-19830513.	44 50 08.4 N (44.8357)	73 45 25.8 W ( 73.7572)	507.0	PAL
DAP	C	Davao ..... Mindanao, Philippines opened 1972.	7 04 .. N ( 7.0667)	125 36 .. E (125.6000)	19.0	MAN
DAR	C	Darwin ..... Northern Territory, Australia 1961-19720605.	12 24 30.0 S (12.4083)	130 49 06.0 E (130.8183)	6.0	AUST
DAU		Daniels Canyon ..... Wasatch County, Utah, U.S.A. opened 197411.	40 24 45.0 N (40.4125)	111 15 21.0 W (111.2558)	2771.0	SLC USTN
DAV		Davao ..... Mindanao, Philippines opened 19640824.	7 05 16.0 N ( 7.0878)	125 34 29.0 E (125.5747)	85.0	QCP WWSS
DAW	C	Daw (Hoskins) ..... New Britain, Papua New Guinea 19691102-1970.	5 33 .. S ( 5.5500)	150 28 .. E (150.4667)	250.0	RAB
DAY		Day ..... Djibouti opened 198303?	11 45 09.7 N (11.7527)	42 38 17.5 E ( 42.6382)	...	ARO
DB2	RD	Double Butte ..... Riverside County, California, U.S.A. opened 197504.	33 44 06.0 N (33.7350)	117 03 43.2 W (117.0620)	625.0	PAS
DBI	R	Debin ..... Magodanskaya Oblast, R.S.F.S.R., U.S.S.R.	62 24 .. N (62.4000)	150 48 .. E (150.8000)	...	MOSR
DBM	R	Double Mountain ..... Kern County, California, U.S.A. opened 198103.	34 58 44.4 N (34.9790)	118 21 37.8 W (118.3605)	1204.0	PAS
DBMY	R	Dunderburg Mountain ..... New York, U.S.A. opened 19750617.	41 17 40.0 N (41.2944)	73 58 30.0 W ( 73.9750)	27.0	BLMY
DBN		De Bilt ..... Netherlands	52 06 06.0 N (52.1017)	5 10 36.0 E ( 5.1767)	3.0	DBN
DBP		Darband ..... Pakistan opened 1974?	34 22 33.6 N (34.3760)	72 52 15.6 E ( 72.8710)	704.0	PAL
DBO		Dubuque ..... Iowa, U.S.A. opened 1962.	42 30 24.0 N (42.5067)	90 41 00.0 W ( 90.6833)	244.0	
DBR	C	Dubrovnik ..... Yugoslavia closed 1925?	42 38 .. N (42.6333)	18 07 .. E ( 18.1167)	20.0	
DCA	R	Decatur ..... Alabama, U.S.A.	...	...	...	
DCC	C	Delcommune ..... Zaire 1965-?; 19701011-before 1977.	10 30 36.0 S (10.5100)	25 27 18.0 E ( 25.4550)	1425.0	
DCI	C	Dry Creek ..... Idaho, U.S.A. 197406-19800724	43 57 17.4 N (43.9548)	111 05 45.0 W (111.0958)	2020.0	USGS
DCN		Croghon ..... Eire opened 197704.	53 20 38.0 N (53.3439)	7 16 36.0 W ( 7.2767)	150.0	DIAS
DCT		Ducktown ..... Tennessee, U.S.A.	35 03 15.1 N (35.0542)	84 25 09.8 W ( 84.4194)	508.0	
DCU		Deer Creek Reservoir ..... Wasatch County, Utah, U.S.A. opened 197411.	40 24 49.2 N (40.4137)	111 31 36.5 W (111.5268)	1829.0	SLC
DDI		Dehra Dun ..... Uttar Pradesh, India	30 19 21.0 N (30.3225)	78 03 20.0 E ( 78.0556)	682.0	NDI
DDK		Dunsink Observatory ..... Eire opened 197704.	53 23 13.0 N (53.3869)	6 20 21.0 W ( 6.3392)	85.0	DIAS
DDM		Dannelly Dome ..... Central Alaska, Alaska, U.S.A. opened 197709.	63 47 13.8 N (63.7872)	145 51 42.0 W (145.8617)	920.0	GIA
DDR		Dodaira ..... Saitama, Hanshu, Japan opened 196604.	35 59 54.0 N (35.9983)	139 11 36.2 E (139.1934)	800.0	ERIJ

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
DDS	R Doss del Sommo ..... Trentino-Alto Adige, Italy Opened 19810615.	45 52 48.0 N (45.8800)	11 11 18.0 E ( 11.1883)	1670.0	TRI
DEB	C Debrecen ..... Hungary	47 33 40.0 N (47.5611)	21 38 20.0 E ( 21.6389)	...	
DEC	C Deception Island ..... South Shetland Islands, Antarctica closed before 1969.	62 59 .. S (62.9833)	60 43 .. W ( 60.7167)	7.0	
DEI	C Dent ..... Idaho, U.S.A. 197110-19740725.	46 38 24.0 N (46.6400)	116 11 57.0 W (116.1992)	960.0	MSO
DEIO	R Delhi ..... Delhi, India	...	...	...	SRO
DEL	Delory ..... Sweden opened 196708.	56 28 12.0 N (56.4700)	13 52 12.0 E ( 13.8700)	150.0	UPP
DEN	Denver ..... Colorado, U.S.A. opened 190908.	39 47 30.0 N (39.7917)	105 02 00.0 W (105.0333)	1655.0	
DENJ	Denville ..... New Jersey, U.S.A.	40 58 09.6 N (40.9693)	74 27 51.0 W ( 74.4642)	298.0	BLMY
DEP	F (keyword for telegraphic format)				
DER	C Derby ..... Colorado, U.S.A.	39 52 04.0 N (39.8678)	104 53 01.0 W (104.8836)	...	
DES	Desert ..... Hawaii, Hawaii, U.S.A. opened 195807.	19 20 12.0 N (19.3367)	155 23 18.0 W (155.3883)	815.0	HVO
DEV	Deva ..... Romania opened 19750325.	45 53 00.0 N (45.8833)	22 54 12.0 E ( 22.9033)	250.0	BUC
DGC	C Durango ..... Colorado, U.S.A. 1970-197211.	37 15 45.0 N (37.2625)	107 53 56.0 W (107.8989)	2340.0	NEIS
DGP	Dabrowa Garnicza ..... Poland	50 19 45.0 N (50.3292)	19 12 51.0 E ( 19.2142)	275.0	BYT
DGT	R Duragon ..... Turkey Opened 197609.	41 25 32.9 N (41.4258)	35 03 55.8 E ( 35.0655)	255.0	ISK
DGT*	C Dallas-GT ..... Texas, U.S.A.	...	...	...	
DH-	(Alternate Abbreviation for DH-NY)				
DH-NY	C Delhi ..... New York, U.S.A. 19611028-19651115; 19660531-19660603.	42 14 39.0 N (42.2442)	74 53 18.0 W ( 74.8883)	652.0	LRSM
DHA	C Dutch Harbor ..... Aleutian Islands, Alaska, U.S.A.	53 53 42.0 N (53.8950)	166 32 00.0 W (166.5333)	...	
DHH	Diamond Head ..... Oahu, Hawaii, U.S.A. opened 198505.	21 16 12.0 N (21.2700)	157 48 18.4 W (157.8051)	137.0	HON USTN
DHN	Doyle Hill ..... New York, U.S.A. 19760116-19760728; reopened 197907. USTN closed.	42 49 31.8 N (42.8255)	78 11 34.8 W ( 78.1930)	491.0	PAL USTN
DHR	R Dhahran ..... Saudi Arabia	...	...	...	
DHS	C Desert Hot Springs ..... Riverside County, California, U.S.A. 1948-194903.	33 58 .. N (33.9667)	116 30 .. W (116.5000)	330.0	PAS
DHW	Dyer Hill ..... Washington, U.S.A. opened 197506.	47 57 37.8 N (47.9605)	119 46 09.6 W (119.7693)	850.0	SEA
DI-	(Alternate Abbreviation for DI-MA)				
DI-MA	C Dillon ..... Montana, U.S.A. 19660523-19660524.	45 10 25.0 N (45.1736)	112 26 52.0 W (112.4478)	1859.0	LRSM
DIAS	F Dublin Institute for Advanced Studies, Ireland				
DIC	R ..... Ivory Coast	6 12 30.0 N ( 6.2083)	4 59 21.0 W ( 4.9892)	...	LIC
DIL	Dillon Ranch ..... Monterey County, California, U.S.A. opened 19670809. MNLO code HDL.	36 50 07.2 N (36.8353)	121 38 38.4 W (121.6440)	204.0	MNLO
DIM	Dimitrovgrad ..... Bulgaria	42 02 46.0 N (42.0461)	25 35 00.0 E ( 25.5833)	133.0	SOF
DIP	C Dipolog ..... Mindanao, Philippines 1972-197210.	8 36 .. N ( 8.6000)	123 21 .. E (123.3500)	3.0	MAN
DIR	C Diamond Ranch ..... Fresno County, California, U.S.A. 19731107-19750616.	36 20 10.8 N (36.3363)	120 22 34.8 W (120.3763)	496.0	MNLO
DIX	D Grand Dixence ..... Switzerland opened 197701.	46 04 49.8 N (46.0805)	7 24 39.0 E ( 7.4108)	2400.0	ZUR
(DIX)	see international code DIXR				
DIXR	Dixie Hot Springs ..... Nevada, U.S.A. opened 198001. REN code DIX.	39 48 07.9 N (39.8022)	118 04 55.2 W (118.0820)	1143.0	REN
DJA	Jakarta (Batavia, Djakarta) ..... Java, Indonesia	6 11 00.0 S ( 6.1833)	106 50 10.2 E (106.8362)	8.0	DJA
DKM	Kilmoshogue ..... Eire opened 197703.	53 15 19.0 N (53.2553)	6 15 52.0 W ( 6.2644)	280.0	DIAS

CODES

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
DKNM	R	Devils Kitchen North Inyo County, California, U.S.A. opened 19750925.	36 03 03.6 N (36.0510)	117 48 31.7 W (117.8088)	1347.0	MNLO
DL-		(Alternate Abbreviation for DL-SD)				
DL-SD	C	Dell Rapids South Dakota, U.S.A. 19621228-19630321.	43 49 58.0 N (43.8328)	96 46 24.0 W ( 96.7733)	488.0	LRSM
DL2		Dalian (Luda) Liaoning, China (Mainland) opened 198308.	38 54 22.0 N (38.9061)	121 37 42.0 E (121.6283)	62.0	BJI
DLA		Delaware Ontario, Canada opened 197506.	42 51 30.0 N (42.8583)	81 34 24.0 W ( 81.5733)	227.0	
DLB		Dease Lake British Columbia, Canada opened 19811007.	58 25 36.0 N (58.4267)	130 03 36.0 W (130.0600)	1210.0	OTTR
DLC	R	Deerlick Creek Alabama, U.S.A. opened 19710310.	33 15 39.0 N (33.2608)	87 26 41.4 W ( 87.4448)	137.0	MNLO
DLE		Lyons Estate Eire opened 198006.	53 17 14.0 N (53.2872)	6 32 37.0 W ( 6.5436)	140.0	DIAS
DLH	C	Dalhousie Himachal Pradesh, India 19660901-?	32 32 30.0 N (32.5417)	75 58 00.0 E ( 75.9667)	1960.0	NDI
DLM		Delamar Mountains Nevada, U.S.A. opened 19780608.	37 36 21.0 N (37.6058)	114 44 20.0 W (114.7389)	1730.0	USGS USTN
DLN	C	Dalton New South Wales, Australia 1961-1971.	34 43 24.0 S (34.7233)	149 10 54.0 E (149.1817)	550.0	CAN
DLS	C	Dallas Texas, U.S.A. 19710220-1975.	32 52 40.0 N (32.8778)	96 42 20.0 W ( 96.7056)	169.0	
DLT	C	Dalton Los Angeles County, California, U.S.A. 19500720-19590829.	34 10 12.0 N (34.1700)	117 48 36.0 W (117.8100)	523.0	PAS
DLV	R	Da Lat Vietnam opened 198101.	11 56 36.0 N (11.9433)	108 29 12.0 E (108.4867)	1575.0	PLV
DLY	C	Dezadeash Lake Yukon Territory, Canada 19780903-19810401.	60 22 12.0 N (60.3700)	137 03 54.0 W (137.0650)	738.0	OTTR
DMA		Devil Mountain Western Alaska, Alaska, U.S.A. opened 197708.	66 18 36.0 N (66.3100)	164 31 12.0 W (164.5200)	243.0	GIA
DMB		Deadman Bay Kodiak Island, Alaska, U.S.A. opened 197510.	57 05 13.8 N (57.0872)	153 57 37.8 W (153.9605)	300.0	GIA
DMD	C	Damodassola Piemonte, Italy (46.1167)	46 07 .. N (46.1167)	8 18 .. E ( 8.3000)	280.0	
DMI	C	Des Moines Iowa, U.S.A. 19341220-193706.	41 36 .. N (41.6000)	93 41 .. W ( 93.6833)	296.0	
DMK		Demirkoy Turkey opened 19700801.	41 49 17.8 N (41.8216)	27 45 26.1 E ( 27.7572)	315.0	ISK
(DMMO)		see international code DMV				
DMN		Daman Nepal opened 119800327.	27 36 32.4 N (27.6090)	85 06 21.6 E ( 85.1060)	2225.0	DMN
(DMN)		see international code DMNS				
DMNS	R	Dmanisi Georgian S.S.R., U.S.S.R. MOS code DMN.	41 18 .. N (41.3000)	44 12 .. E ( 44.2000)	...	MOSR
DMP	C	Diadem South Island, New Zealand 1975-19831121.	44 24 51.0 S (44.4142)	169 49 38.0 E (169.8272)	820.0	WELP
DMPK		Deadman Peak New Mexico, U.S.A. opened 19761122.	36 25 35.0 N (36.4264)	106 46 32.0 W (106.7756)	2664.0	LOA
DMT	R	Demirtas Turkey opened 197908.	40 16 30.0 N (40.2750)	29 05 49.9 E ( 29.0972)	140.0	
DMU		Kingscourt Eire opened 197702.	53 53 56.0 N (53.8989)	6 54 38.0 W ( 6.9106)	280.0	DIAS
DMV		Demmitville Missouri, U.S.A. SLM code DMMO.	36 42 14.4 N (36.7040)	89 44 42.0 W ( 89.7450)	89.0	SLM USTN
DND		Dunedin-Penfold South Island, New Zealand opened about 1945.	45 53 00.0 S (45.8833)	170 31 54.0 E (170.5317)	100.0	
DNG	C	Daru New Guinea, Papua New Guinea 196202-before 1969.	9 05 18.6 S ( 9.0885)	143 12 20.5 E (143.2057)	3.0	PMG
DNH		Durham New Hampshire, U.S.A. opened 197601.	43 07 21.0 N (43.1225)	70 53 41.3 W ( 70.8948)	24.0	CAM

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
DNM	C Dulce ..... New Mexico, U.S.A.	36 56 00.0 N (36.9333)	106 59 45.0 W (106.9958)	...	NEIS
DNN	C Dannevirke ..... North Island, New Zealand closed about 1932.	40 13 ... S (40.2167)	176 07 ... E (176.1167)	219.0	WEL
DNP	C Denpasar ..... Bali, Nusa Tenggara, Indonesia opened 1968.	8 40 37.8 S ( 8.6772)	115 12 36.6 E (115.2102)	15.0	DJA
DNS	C Denniston ..... South Island, New Zealand 19680525-19680702.	41 44 17.0 S (41.7381)	171 47 47.0 E (171.7964)	600.0	WEL
DNT	C Denton ..... Texas, U.S.A. opened 1925.	33 13 ... N (33.2167)	97 08 ... W ( 97.1333)	208.0	
DNY	C Dersam ..... New York, U.S.A. 197107-197904.	42 50 10.8 N (42.8363)	78 10 07.8 W ( 78.1688)	381.0	PAL
DNZ	C Dunedin ..... South Island, New Zealand opened 19791105.	45 51 59.0 S (45.8664)	170 30 54.0 E (170.5150)	15.0	WEL
DOC	C Dochia ..... Romania	46 54 26.0 N (46.9072)	26 33 56.0 E ( 26.5656)	330.0	BUC
DOD	C Dodoma ..... Tanzania closed before 1970.	6 12 30.0 S ( 6.2083)	35 45 20.0 E ( 35.7556)	1204.0	
DOG	C Donga Capesterre ..... Guadeloupe	16 01 55.0 N (16.0319)	61 37 04.0 W ( 61.6178)	460.0	FDF
DOM	C Dominica (Roseau) ..... Dominica opened 19530203.	15 17 45.6 N (15.2960)	61 23 27.6 W ( 61.3910)	15.0	
DON	C Dongola ..... Missouri, U.S.A. opened 19740710.	37 10 33.6 N (37.1760)	89 55 58.8 W ( 89.9330)	165.0	SLM
DOO	C Doolan Road ..... Alameda County, California, U.S.A. opened 19700729. MNLO code CDO.	37 43 48.0 N (37.7300)	121 50 07.2 W (121.8353)	198.0	MNLO
DOR	C Dorat ..... Israel	31 30 28.8 N (31.5080)	34 41 09.6 E ( 34.6860)	500.0	JER
DOS	C Das Bocas Dam ..... Puerto Rico 19740816-19750717.	18 19 46.0 N (18.3294)	66 40 44.0 W ( 66.6789)	400.0	USGS
DOU	C Dourbes ..... Belgium	50 05 45.7 N (50.0960)	4 35 39.2 E ( 4.5942)	224.0	UCC
(DOW) DOWB	see international code DOWB ..... British Columbia, Canada UBC code DOW.	51 31 06.0 N (51.5183)	118 30 58.2 W (118.5162)	594.0	UBC
DOY	R Duke of York Island ..... New Britain, Papua New Guinea opened 19831117. (Alternate Abbreviation for DP-NY)	4 13 01.2 S ( 4.2170)	152 23 52.8 E (152.3980)	1.0	RAB
DP- DP-MY	C Deposit ..... New York, U.S.A. 19620707-19620717.	42 05 18.0 N (42.0883)	75 27 08.0 W ( 75.4522)	579.0	LRSN
DPLY	R Delli Paoli ..... New York, U.S.A. opened 19750818.	41 15 10.0 N (41.2528)	73 54 39.0 W ( 73.9108)	67.0	BLMY
DPM	C Delmo Park ..... Montana, U.S.A. 1984-19850722.	45 58 08.4 N (45.9690)	112 16 10.2 W (112.2695)	1855.0	BUT
(DPR) DPRB	see international code DPRB Downie Peak Ridge ..... British Columbia, Canada UBC code DPR.	51 34 30.0 N (51.5750)	118 11 48.0 W (118.1967)	2135.0	UBC
DPS	C Deserto Penisola Sorrentina ..... Campania, Italy opened 197712. Sent to NEIS by ROM. (Alternate Abbreviation for DR-CO)	40 36 36.1 N (40.6100)	14 21 54.2 E ( 14.3651)	456.0	OVO
DR- DR-CO	C Durango ..... Colorado, U.S.A. 19611001-19641230.	37 27 53.0 N (37.4647)	107 47 00.0 W (107.7833)	2225.0	LRSN
DRA	C Dragasani ..... Romania opened 1978.	44 40 43.2 N (44.6787)	24 15 22.6 E ( 24.2563)	180.0	BUC
DRB	C Dursunbey ..... Turkey 19700330-19751022.	39 34 51.8 N (39.5811)	28 38 14.7 E ( 28.6374)	620.0	ISK
DRC	C Dorchester ..... South Carolina, U.S.A.	33 06 28.2 N (33.1078)	80 23 18.6 W ( 80.3885)	20.0	USGS
DRI	F DRI network, Japan				
DRN	R Derbent ..... Dagestanskaya ASSR, R.S.F.S.R., U.S.S.R.	42 00 ... N (42.0000)	48 24 ... E ( 48.4000)	...	MOSR
DRP	R Drazinda ..... Pakistan	31 44 38.4 N (31.7440)	70 12 10.2 E ( 70.2028)	638.0	PINS
DRR	C Dragan ..... Romania opened 1979	46 47 13.0 N (46.7869)	22 43 19.0 E ( 22.7219)	955.0	BUC
DRT	C Dartmouth ..... Victoria, Australia opened 197512.	36 35 00.0 S (36.5833)	147 29 30.0 E (147.4917)	950.0	

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
DRU	R	Draper ..... Utah, U.S.A.	...	...	...	
DRV		Dumont d'Urville (Pointe Geologie, Adelle) ..... Greater Antarctica, Antarctica closed 19630101; reopened 19650215.	66 39 54.0 S (66.6650)	140 00 31.0 E (140.0086)	40.0	STR
DRZ	R	Dome Shelter ..... North Island, New Zealand opened 198404.	39 16 35.0 S (39.2764)	175 33 49.0 E (175.5636)	2600.0	WEL
DSG	C	Desaguadero ..... Bolivia	16 33 34.0 S (16.5594)	69 01 30.0 W ( 69.0250)	3810.0	
DSH		Dushanbe (Stalinabad) ..... Tajik S.S.R., U.S.S.R.	38 33 30.0 N (38.5583)	68 46 30.0 E ( 68.7750)	847.0	MOS
DSK	C	Disk Island ..... Kenai Peninsula, Alaska, U.S.A. 19740727-19751018.	60 30 07.2 N (60.5020)	147 38 48.6 W (147.6468)	15.0	AGS
DSM	R	Dog Skin Mountain ..... Nevada, U.S.A. opened 197801.	39 52 01.9 N (39.8672)	119 42 31.3 W (119.7087)	1804.0	REN
DSN	C	Dusing ..... New York, U.S.A. 197107-19760116.	42 50 39.6 N (42.8443)	78 10 49.2 W ( 78.1803)	412.0	PAL
DST		Dursunbey ..... Turkey opened 19751022.	39 36 19.8 N (39.6055)	28 37 40.7 E ( 28.6280)	685.0	ISK
DSTOP	F	(keyword for telegraphic format)				
DTEM	R	Dunmavintown East ..... Inya County, California, U.S.A. opened 19750926.	36 05 51.0 N (36.0975)	117 55 32.9 W (117.9258)	1152.0	MNLO
DTM	C	Carnegie Institution of Washington ..... District of Columbia, U.S.A.	38 57 24.0 N (38.9567)	77 03 52.0 W ( 77.0644)	67.0	
DTN		Dwight ..... Nebraska, U.S.A. opened 19800825.	41 01 18.0 N (41.0217)	97 02 09.0 W ( 97.0358)	464.0	
DTP	R	Desert Tortoise Park ..... Kern County, California, U.S.A. opened 198105.	35 16 03.0 N (35.2675)	117 50 43.2 W (117.8453)	951.0	PAS
DU-		(Alternate Abbreviation for DU-OK)				
DU-OK	C	Durant ..... Oklahoma, U.S.A. 19630814-19640309.	34 02 11.0 N (34.0364)	96 13 04.0 W ( 96.2178)	198.0	LRSB
DUB	C	Dublin (Rathfarnham Castle) ..... Eire closed before 1968.	53 17 55.0 N (53.2986)	6 16 57.0 W ( 6.2825)	52.0	
DUC		Duarte Ranch ..... Contra Costa County, California, U.S.A. opened 19710428. MNLO code CDU.	38 01 46.8 N (38.0297)	122 00 03.0 W (122.0008)	168.0	MNLO
DUG		Dugway ..... Tooele County, Utah, U.S.A. opened 19620509.	40 11 42.0 N (40.1950)	112 48 48.0 W (112.8133)	1477.0	SLC WWSS USTN
DUI		Duronia ..... Molise, Italy	41 39 40.0 N (41.6611)	14 27 30.0 E ( 14.4583)	918.0	ROM
DUL	C	Duluth ..... Minnesota, U.S.A. 1952-1961.	46 49 12.0 N (46.8200)	92 05 00.0 W ( 92.0833)	340.0	MNM
DUN		Dundo ..... Angola opened 197003	7 24 31.8 S ( 7.4088)	20 50 13.8 E ( 20.8372)	709.0	
DUR		Durham ..... England, United Kingdom	54 46 .. N (54.7667)	1 35 .. W ( 1.5833)	103.0	
DUS		Dusheti ..... Georgian S.S.R., U.S.S.R.	42 05 .. N (42.0833)	44 42 .. E ( 44.7000)	700.0	TIF
DUX		Duxbury ..... Massachusetts, U.S.A. opened 197610.	42 04 07.0 N (42.0686)	70 46 04.0 W ( 70.7678)	27.0	CAM
DV-		(Alternate Abbreviation for DV-CL)				
DV-CL	C	Death Valley ..... Inyo County, California, U.S.A. 19620120-19620423.	35 50 00.0 N (35.8333)	116 06 06.0 W (116.1017)	792.0	LRSB
DVL	C	Devil Canyon ..... San Bernardino County, California, U.S.A. 197412-197701.	34 11 59.4 N (34.1998)	117 19 41.4 W (117.3282)	598.0	PAS
DVO	R	Downsview (York University) ..... Ontario, Canada opened 19750801.	43 47 .. N (43.7833)	79 31 .. W ( 79.5167)	193.0	
DVP		Devils Point ..... Vanuatu Islands	17 43 31.2 S (17.7253)	168 11 13.2 E (168.1870)	...	INY
DVT		Derby ..... Vermont, U.S.A.	44 57 43.2 N (44.9620)	72 10 15.2 W ( 72.1709)	370.0	WES
DVW		Dovenport ..... Washington, U.S.A. opened 197506.	47 38 18.0 N (47.6383)	118 13 33.6 W (118.2260)	717.0	SEA
DWM		Dogwood ..... Missouri, U.S.A. opened 19741120.	36 48 18.0 N (36.8050)	89 29 24.0 W ( 89.4900)	92.0	SLM
DWP	R	Dovoo Weather Station ..... Mindanao, Philippines	7 07 37.8 N ( 7.1272)	125 39 20.5 E (125.6557)	...	MAN
DWU		Dry Willow Peak ..... Iron County, Utah, U.S.A.	38 06 19.2 N (38.1053)	112 59 51.0 W (112.9975)	2270.0	SLC
DWY		Dawson City ..... Yukon Territory, Canada	64 03 12.0 N (64.0533)	139 25 54.0 W (139.4317)	346.0	OTTR

CODES



TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
DY-	(Alternate Abbreviation for DY-KY)				
DY-KY	C Dry Ridge ..... Kentucky, U.S.A.	38 38 59.0 N (38.6497)	84 38 36.0 W ( 84.6433)	259.0	LRSN
DY1	C Dyersburg ..... Tennessee, U.S.A.	36 11 30.0 N (36.1917)	89 23 30.0 W ( 89.3917)	120.0	SLM
DY2	C Lassiter ..... Tennessee, U.S.A.	36 19 48.7 N (36.3302)	89 21 07.3 W ( 89.3520)	110.0	SLM
DY3	C Tiptonville ..... Tennessee, U.S.A.	36 26 34.7 N (36.4430)	89 30 25.0 W ( 89.5069)	87.0	SLM
DY4	C Samburg ..... Tennessee, U.S.A.	36 25 00.0 N (36.4167)	89 18 11.1 W ( 89.3031)	140.0	SLM
DY5	C Lassiter Corners ..... Tennessee, U.S.A.	36 19 28.8 N (36.3247)	89 21 43.7 W ( 89.3621)	134.0	SLM
DZA	R Dzhambul ..... Kazakh S.S.R., U.S.S.R.	42 06 .. N (42.1000)	71 24 .. E ( 71.4000)	...	MOSR
DZE	Dzherino ..... Tajik S.S.R., U.S.S.R.	38 42 .. N (38.7000)	68 30 .. E ( 68.5000)	...	MOSR
DZH	C Dzhafr ..... Tajik S.S.R., U.S.S.R.	39 06 .. N (39.1000)	70 35 .. E ( 70.5833)	...	
DZI	Dzhizak ..... Uzbek S.S.R., U.S.S.R.	40 06 .. N (40.1000)	67 48 .. E ( 67.8000)	...	MOSR
DZM	Mont Dzumac ..... New Caledonia	22 04 16.0 S (22.0711)	166 26 40.0 E (166.4444)	905.0	NOU
DZN	R Dzhangeldy ..... Uzbek S.S.R., U.S.S.R.	40 54 .. N (40.9000)	65 24 .. E ( 65.4000)	...	MOSR
DZT	Dzhirgatal ..... Tajik S.S.R., U.S.S.R.	39 13 .. N (39.2167)	71 14 .. E ( 71.2333)	...	MOSR
EAB	D Aberfoyle ..... Scotland, United Kingdom	56 11 17.0 N (56.1881)	4 20 24.0 W ( 4.3400)	250.0	BGS
EAG	RD Eagle Mountain ..... Riverside County, California, U.S.A.	33 50 56.4 N (33.8490)	115 28 23.4 W (115.4732)	366.0	PAS
EAM	Ear Mountain ..... Western Alaska, Alaska, U.S.A.	65 55 09.6 N (65.9193)	166 14 30.0 W (166.2417)	700.0	GIA
EAS	R Easton ..... Maryland, U.S.A.	...	...	...	
EAU	D Auchinoan ..... Scotland, United Kingdom	55 50 40.0 N (55.8444)	3 27 17.0 W ( 3.4547)	350.0	BGS
EB-	(Alternate Abbreviation for EB-MT)				
EB-MT	C East Braintree ..... Manitoba, Canada	49 37 40.0 N (49.6278)	95 37 20.0 W ( 95.6222)	312.0	LRSN
EBH	D Black Hill ..... Scotland, United Kingdom	56 14 53.0 N (56.2481)	3 30 29.0 W ( 3.5081)	375.0	BGS
EBL	D Broadlow ..... Scotland, United Kingdom	55 46 24.0 N (55.7733)	3 02 37.0 W ( 3.0436)	365.0	BGS
EBM	C Esen Bulak ..... Mongolia	46 24 .. N (46.4000)	96 15 .. E ( 96.2500)	2200.0	
EBN	D Edmundston ..... New Brunswick, Canada	47 32 24.0 N (47.5400)	68 14 27.6 W ( 68.2410)	189.0	ECTN
EBR	Ebro Raquetas (Tarragona) ..... Spain	40 49 14.0 N (40.8206)	0 29 36.0 E ( 0.4933)	50.0	
EBS	Eagle Butte ..... South Dakota, U.S.A.	44 59 59.3 N (44.9998)	101 13 55.8 W (101.2322)	735.0	
EBZ	Ebenezer Church ..... Tennessee, U.S.A.	35 08 28.8 N (35.1413)	89 21 01.9 W ( 89.3505)	169.0	TEIC
ECA	C El Cajon ..... San Diego County, California, U.S.A.	32 48 .. N (32.8000)	116 57 .. W (116.9500)	135.0	PAS
ECB	Carrickbyrne Hill ..... Eire	52 21 58.0 N (52.3661)	6 46 52.0 W ( 6.7811)	125.0	DIAS
ECBX	El Chinero ..... Baja California, Mexico	31 28 19.2 N (31.4720)	115 03 04.2 W (115.0512)	...	ECX
ECC	C El Centro ..... Imperial County, California, U.S.A.	32 47 54.0 N (32.7983)	115 32 54.0 W (115.5483)	-15.0	PAS
ECD	Elk Chute Ditch ..... Missouri, U.S.A.	36 03 36.0 N (36.0600)	89 56 24.0 W ( 89.9400)	79.0	SLM
ECF	D Echo Falls ..... Ventura County, California, U.S.A.	34 27 28.8 N (34.4580)	119 05 26.5 W (119.0907)	1000.0	PAS

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
ECH	Echery (Ste.-Marie-aux-Mines) ..... Lorraine, France opened 19671031.	48 12 57.0 N (48.2158)	7 09 30.0 E ( 7.1583)	580.0	PAR
ECK	D Caudkine Hill ..... Scotland, United Kingdom opened 198109.	55 10 52.0 N (55.1811)	3 07 38.0 W ( 3.1272)	336.0	BGS
ECM	Ellicott City ..... Maryland, U.S.A. (39.2613)	39 15 40.7 N (39.2613)	76 53 03.1 W ( 76.8842)	140.0	
ECP	Carnsore Point ..... Eire opened 198006.	52 10 48.0 N (52.1800)	6 22 08.0 W ( 6.3689)	5.0	DIAS
ECT	Ellsworth ..... Connecticut, U.S.A. opened 19760128.	41 50 04.7 N (41.8346)	73 24 40.8 W ( 73.4113)	342.0	WES
ECTN	F Eastern Canada Telemetered Network				
ECV	R El Callao ..... Venezuela	...	...	...	CAR
ECX	Ensenada--CICESE ..... Baja California, Mexico (31.8690)	31 52 08.4 N (31.8690)	116 39 37.8 W (116.6605)	...	ECX
ECZ	C East Cape ..... North Island, New Zealand reopened 19640715. closed 19850726. (Alternate Abbreviation for ED-MI)	37 41 37.0 S (37.6936)	178 32 46.0 E (178.5461)	40.0	WEL
ED- ED-MI	C Edgewood ..... Michigan, U.S.A. 19651202-19651213.	43 15 20.0 N (43.2556)	84 24 41.0 W ( 84.4114)	213.0	LRSM
EDB	D Eliza Dame ..... British Columbia, Canada opened 19820429.	49 52 25.3 N (49.8737)	127 07 11.3 W (127.1198)	189.0	WCTN
EDC	Edincik ..... Turkey opened 19721203.	40 20 48.6 N (40.3468)	27 51 48.4 E ( 27.8634)	270.0	ISK
EDI	D Edinburgh ..... Scotland, United Kingdom (55.9233)	55 55 24.0 N (55.9233)	3 11 10.0 W ( 3.1861)	125.0	BGS
EDK	El Dorado ..... Kansas, U.S.A. opened 19780417.	37 46 25.8 N (37.7738)	96 47 42.0 W ( 96.7950)	418.0	LAK
EDM	Edmonton ..... Alberta, Canada opened 196304.	53 13 18.0 N (53.2217)	113 21 00.0 W (113.3500)	730.0	OTT
EDMA	R Eldorado ..... Misiones, Argentina (26.3578)	26 21 28.0 S (26.3578)	54 26 30.0 W ( 54.4417)	310.0	SJA
EDO	R Endilloe ..... South Australia, Australia opened 1977.	32 19 18.0 S (32.3217)	132 02 54.0 E (132.0483)	300.0	ADE
EDU	D Dundee ..... Scotland, United Kingdom opened 1969.	56 32 51.0 N (56.5475)	3 00 51.0 W ( 3.0142)	275.0	BGS
EDY	R Kobokon Island ..... New Britain, Papua New Guinea ( 4.2395)	4 14 22.2 S ( 4.2395)	152 23 21.6 E (152.3893)	5.0	BGS
EEO	D Eldee ..... Ontario, Canada opened 19840304. (Alternate Abbreviation for EF-TX)	46 38 28.0 N (46.6411)	79 04 23.9 W ( 79.0733)	398.0	ECTN
EF- EF-TX	C Eagle Flat ..... Texas, U.S.A. 19620125-19620503.	31 10 35.0 N (31.1764)	105 07 48.0 W (105.1300)	1433.0	LRSM
EFO	Effingham ..... Ontario, Canada opened 19790706.	43 05 30.1 N (43.0917)	79 18 42.1 W ( 79.3117)	168.0	OTTR
EGC	C Eagle ..... Colorado, U.S.A. 1970-197211.	39 39 09.0 N (39.6525)	106 49 41.0 W (106.8281)	2010.0	NEIS
EGI	Egilsstadir ..... Iceland (65.2833)	65 17 .. N (65.2833)	14 23 .. W ( 14.3833)	25.0	
EGL	CD Golo Low ..... Scotland, United Kingdom 1969-19811127.	55 51 42.0 N (55.8617)	2 44 18.0 W ( 2.7383)	245.0	BGS
EGM	El Golfo de Santa Clara ..... Sonora, Mexico opened 19690426.	31 40 42.0 N (31.6783)	114 29 30.0 W (114.4917)	5.0	PAS
EGN	C Eagle's Nest ..... New York, U.S.A. 197109-198310.	43 51 34.2 N (43.8595)	74 28 54.6 W ( 74.4818)	549.0	PAL
EGR	C Empire Grade Road ..... Santa Cruz County, California, U.S.A. 19690304-19760427.	37 02 06.6 N (37.0352)	122 06 15.0 W (122.1042)	442.0	MNLO
EGX	El Golfo de Santa Clara ..... Sonora, Mexico (31.7102)	31 42 36.6 N (31.7102)	114 28 40.2 W (114.4778)	...	ECX
EHN	R Echo Peak ..... Nevada, U.S.A. opened 197507.	37 12 49.7 N (37.2138)	116 19 25.3 W (116.3237)	2280.0	USGS
EHOR	Hornachuelos ..... Spain (37.8192)	37 49 09.0 N (37.8192)	5 14 48.0 W ( 5.2467)	...	MDD
EHV	El Hato ..... Venezuela opened 1974.	8 48 23.0 N ( 8.8064)	70 51 53.0 W ( 70.8647)	3700.0	CAR
EIC	CD Easter Island ..... Easter Island, Valparaiso, Chile IDA 197808-198007.	27 09 29.0 S (27.1581)	109 26 04.0 W (109.4344)	42.0	IDA

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
EIL	CD Elot (Eilat) ..... Israel 19690101-19790101. HGLP 197012-19790101. (Alternate Abbreviation for EK-NV)	29 33 .. N (29.5500)	34 57 .. E ( 34.9500)	200.0	WWSS HGLP
EK- EK-NV	C Eureka ..... Nevada, U.S.A. 19631111-19641102.	39 12 32.0 N (39.2089)	115 42 37.0 W (115.7103)	1951.0	LRSM
EKA	D Eskdalemuir Array ..... Scotland, United Kingdom opened 196205.	55 19 59.0 N (55.3331)	3 09 33.0 W ( 3.1592)	263.0	BKN
EKH	Elkhorn Ranch ..... San Benito County, California, U.S.A. opened 19710201. MNLO code BEH.	36 39 52.8 N (36.6647)	121 10 27.0 W (121.1742)	342.0	MNLD
EKN	Konogogo ..... New Britain, Papua New Guinea	3 29 19.7 S ( 3.4888)	152 11 06.0 E (152.1850)	270.0	BGS
EKO	C Elko ..... Nevada, U.S.A. opened 19691112. (Alternate Abbreviation for EL-WA)	40 48 43.9 N (40.8122)	115 46 33.6 W (115.7760)	1615.0	REN
EL- EL-WA	C Ellensburg ..... Washington, U.S.A. 19620528-19620628.	46 55 27.0 N (46.9242)	120 43 48.0 W (120.7300)	975.0	LRSM
ELA	C Elazig ..... Turkey	38 41 .. N (38.6833)	39 14 .. E ( 39.2333)	...	
ELB	Lambom Island ..... New Britain, Papua New Guinea	4 48 13.8 S ( 4.8038)	152 49 48.0 E (152.8300)	10.0	BGS
ELC	Elco ..... Illinois, U.S.A. opened 19740719.	37 17 06.0 N (37.2850)	89 13 37.2 W ( 89.2270)	153.0	SLM USTN
ELD	C Ethyl Lake Duckett ..... Alberta, Canada 19781202-19790630.	54 32 09.0 N (54.5358)	110 19 57.0 W (110.3325)	564.0	EDM
ELF	Elginfield ..... Ontario, Canada opened 197506.	43 11 36.0 N (43.1933)	81 18 54.0 W ( 81.3150)	320.0	
ELI	C Lubumbashi (Elizabethville) ..... Zaire closed before 1969.	11 39 .. S (11.6500)	27 28 .. E ( 27.4667)	1245.0	PAL
ELK	Elko ..... Nevada, U.S.A. opened 196811.	40 44 41.4 N (40.7448)	115 14 19.6 W (115.2388)	2210.0	LAC
ELL	Elmalı ..... Turkey opened 19731129.	36 44 53.7 N (36.7482)	29 54 30.5 E ( 29.9085)	1230.0	ISK
ELM	C Elma ..... New York, U.S.A. 197107-19760728.	42 50 58.8 N (42.8497)	78 38 39.0 W ( 78.6442)	216.0	PAL
(ELM)	see international code ELMC				
ELMC	R El Mirage ..... San Bernardino County, California, U.S.A. opened 198104. PAS code ELM.	34 31 34.2 N (34.5262)	117 38 24.5 W (117.6401)	986.0	PAS
ELNV	Ellenville ..... New York, U.S.A.	41 30 00.0 N (41.5000)	74 26 23.4 W ( 74.4398)	323.0	BLMY
ELO	D Logiealmond ..... Scotland, United Kingdom opened 197206.	56 28 14.0 N (56.4706)	3 42 43.0 W ( 3.7119)	495.0	BGS
ELP	El Pangue ..... Valparaiso, Chile opened 1973.	33 15 27.5 S (33.2576)	71 12 18.0 W ( 71.2050)	680.0	SAN
ELO	C El Quisco ..... Valparaiso, Chile 1973-19750328.	33 23 43.0 S (33.3953)	71 41 20.0 W ( 71.6889)	50.0	SAN
ELR	F (phase code designation)				
(ELR)	see international code ELRC				
ELRC	R Elmore Ranch ..... Imperial County, California, U.S.A. opened 197611. PAS code ELR.	33 08 50.4 N (33.1473)	115 49 57.0 W (115.8325)	-63.0	PAS
ELS	R Elsinore Mountain ..... Orange County, California, U.S.A. opened 198106.	33 38 52.2 N (33.6478)	117 25 37.8 W (117.4272)	853.0	PAS
ELT	Yel'tsovka ..... Altayskiy Kray, R.S.F.S.R., U.S.S.R.	53 15 .. N (53.2500)	86 16 .. E ( 86.2667)	...	MOS
ELV	C Elvey ..... Central Alaska, Alaska, U.S.A. 197108-197208.	64 51 37.0 N (64.8603)	147 50 55.0 W (147.8486)	180.0	GIA
ELY	C Ely ..... Nevada, U.S.A. closed 19700622.	39 07 52.8 N (39.1313)	114 53 31.2 W (114.8920)	2011.0	SAND
ELZ	C Elazig ..... Turkey 19730917-197405. (Alternate Abbreviation for EM-KA)	38 41 22.0 N (38.6894)	39 12 23.0 E ( 39.2064)	1180.0	ISK
EM- EM-KA	C Emporia ..... Kansas, U.S.A. 19650914-19650916.	38 31 29.0 N (38.5247)	96 28 22.0 W ( 96.4728)	411.0	LRSM
EMA	Elm ..... Alabama, U.S.A. opened 19710109.	33 13 15.6 N (33.2210)	87 28 25.8 W ( 87.4738)	92.0	MNLO
EME	Emoe ..... Vanuatu Islands	17 05 27.0 S (17.0908)	168 21 04.2 E (168.3512)	...	INY

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
EMK	Emporio ..... Kansas, U.S.A. opened 19770815.	38 26 47.4 N (38.4465)	96 19 01.8 W ( 96.3172)	370.0	LAK
EMM	East Mochios ..... Moine, U.S.A. closed 196709; reopened 197505.	44 44 21.0 N (44.7392)	67 29 22.0 W ( 67.4894)	20.0	WES USTN
EMO	CD Emosson ..... Switzerland 197309-1980.	46 02 53.0 N (46.0481)	6 57 43.0 E ( 6.9619)	1800.0	ZUR
EMS	Emosson-Mur ..... Switzerland opened 1981	46 04 12.0 N (46.0700)	6 55 51.6 E ( 6.9310)	1800.0	ZUR
(EMS)	see international code EMSC				
EMSC	R East Mesa ..... Imperial County, California, U.S.A. opened 198205. PAS code EMS.	32 44 28.8 N (32.7413)	114 59 16.2 W (114.9878)	47.0	PAS
EMT	Emmet ..... San Benito County, California, U.S.A. opened 19700814. MNLO code BEM.	36 39 40.8 N (36.6613)	121 05 45.6 W (121.0960)	488.0	MNLO
EMX	El Mayor ..... Bajo California, Mexico (Alternate Abbreviation for EN-MO)	31 59 18.0 N (31.9883)	115 14 32.4 W (115.2423)	...	ECX
EN- EN-MO	C Ellisnore ..... Missouri, U.S.A. 19650915-19650916; 19651025-19660225.	36 52 58.0 N (36.8828)	90 35 44.0 W ( 90.5956)	152.0	LRSN
END	F (keyword for telegraphic format)				
ENDEV	F (keyword for telegraphic format)				
ENG	C Engineer Hill ..... Central Alaska, Alaska, U.S.A. 19710907-197606.	64 44 06.6 N (64.7352)	147 02 45.6 W (147.0460)	220.0	GIA
ENIJ	Nijar ..... Spain (36.9708)	36 58 15.0 N (36.9708)	2 13 00.0 W ( 2.2167)	...	MDD
ENN	Epen ..... Netherlands opened 198101.	50 46 02.0 N (50.7672)	5 55 24.0 E ( 5.9233)	120.0	DBN
ENS	R Ensenada ..... Bajo California, Mexico	...	...	...	
ENT	C Entebbe ..... Uganda closed before 1970.	0 03 32.0 N ( 0.0589)	32 28 24.0 E ( 32.4733)	1175.0	
ENX	Ensenada ..... Bajo California, Mexico (31.8833)	31 53 00.0 N (31.8833)	116 39 51.0 W (116.6642)	...	ECX
ENZ	R Enzan ..... Yamaguchi, Honshu, Japan opened 197904	35 44 09.6 N (35.7360)	138 48 19.1 E (138.8053)	807.0	CDPJ
EO1	Edge Oya ..... Svalbard, Norway opened 1977.	77 39 30.0 N (77.6583)	21 13 00.0 E ( 21.2167)	4.0	SLM
EO2TX	C Elma ..... Texas, U.S.A. 19680315-19680326	32 38 53.0 N (32.6481)	96 09 31.0 W ( 96.1586)	158.0	LRSN
EP- EP-TX	C El Poso ..... Texas, U.S.A. 19620115-19620504.	31 55 58.0 N (31.9328)	105 58 00.0 W (105.9667)	1615.0	LRSN
EPA	Esparzo ..... Costa Rica Opened 19840317.	9 59 15.7 N ( 9.9877)	84 35 47.3 W ( 84.5965)	310.0	HDC
EPB	F (phase code designation)				
EPC	F (phase code designation)				
EPD	F (phase code designation)				
EPF	D Esporras ..... Gascogne, France opened 19770707.	43 01 51.0 N (43.0308)	0 20 24.0 E ( 0.3400)	750.0	LDG
EPG	F (phase code designation)				
EPI	Epi ..... Vanuatu Islands (16.6950)	16 41 42.0 S (16.6950)	168 06 58.2 E (168.1162)	...	INY
EPLA	Plasencia ..... Spain (40.0667)	40 04 00.0 N (40.0667)	6 04 45.0 W ( 6.0792)	...	MDD
(EPM)	see international code EPMB				
EPMB	..... British Columbia, Canada UBC code EPM.	51 03 48.0 N (51.0633)	118 32 24.0 W (118.5400)	2150.0	UBC
EPMC	Merrill Creek ..... New Jersey, U.S.A. (40.6580)	40 39 28.8 N (40.6580)	75 11 24.0 W ( 75.1900)	140.0	BLMY
EPN	F (phase code designation)				
EPR	East Paranagat Range ..... Nevada, U.S.A. opened 19790123	37 10 07.0 N (37.1686)	115 11 11.0 W (115.1864)	1300.0	USGS
EPT	El Poso ..... Texas, U.S.A. opened 196102 WWSS opened 19770606.	31 46 18.0 N (31.7717)	106 30 21.0 W (106.5058)	1186.0	WWSS
EPU	East Pramontory ..... Box Elder County, Utah, U.S.A. opened 197509.	41 23 29.4 N (41.3915)	112 24 31.8 W (112.4088)	1436.0	SLC
EPW	Ephrata ..... Washington, U.S.A. opened 197506.	47 21 07.8 N (47.3522)	119 35 46.2 W (119.5962)	628.0	SEA

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
ER101	C Early Rise 101 ..... Ontario, Canada 19660704-19660729	47 55 47.0 N (47.9297)	83 08 11.0 W ( 83.1364)	457.0	LRS
ER102	C Early Rise 102 ..... Ontario, Canada 19660704-19660729	48 06 07.0 N (48.1019)	82 36 13.0 W ( 82.6036)	457.0	LRS
ER103	C Early Rise 103 ..... Ontario, Canada 19660704-19660729	48 13 35.0 N (48.2264)	82 10 10.0 W ( 82.1694)	305.0	LRS
ER104	C Early Rise 104 ..... Ontario, Canada 19660704-19660729	48 20 16.0 N (48.3378)	81 45 15.0 W ( 81.7542)	396.0	LRS
ER105	C Early Rise 105 ..... Ontario, Canada 19660704-19660729	48 29 16.0 N (48.4878)	81 16 14.0 W ( 81.2706)	305.0	LRS
ER106	C Early Rise 106 ..... Ontario, Canada 19660704-19660729	48 32 18.0 N (48.5383)	80 46 05.0 W ( 80.7681)	274.0	LRS
ER107	C Early Rise 107 ..... Ontario, Canada 19660704-19660729	48 32 19.0 N (48.5386)	80 16 39.0 W ( 80.2775)	305.0	LRS
ER108	C Early Rise 108 ..... Ontario, Canada 19660704-19660729	48 32 00.0 N (48.5333)	79 51 51.0 W ( 79.8642)	457.0	LRS
ER109	C Early Rise 109 ..... Quebec, Canada 19660704-19660729	48 47 51.0 N (48.7975)	79 21 26.0 W ( 79.3572)	290.0	LRS
ER110	C Early Rise 110 ..... Quebec, Canada 19660704-19660729	48 51 49.0 N (48.8636)	78 51 49.0 W ( 78.8636)	305.0	LRS
ER111	C Early Rise 111 ..... Quebec, Canada 19660704-19660729	48 37 21.0 N (48.6225)	78 18 38.0 W ( 78.3106)	305.0	LRS
ER112	C Early Rise 112 ..... Quebec, Canada 19660704-19660729	48 41 47.0 N (48.6964)	77 54 14.0 W ( 77.9039)	320.0	LRS
ER113	C Early Rise 113 ..... Quebec, Canada 19660704-19660729	48 50 10.0 N (48.8361)	77 25 13.0 W ( 77.4203)	290.0	LRS
ER114	C Early Rise 114 ..... Quebec, Canada 19660704-19660729	49 07 10.0 N (49.1194)	77 00 24.0 W ( 77.0067)	305.0	LRS
ER115	C Early Rise 115 ..... Quebec, Canada 19660704-19660729	49 22 52.0 N (49.3811)	76 32 16.0 W ( 76.5378)	305.0	LRS
ER116	C Early Rise 116 ..... Quebec, Canada 19660704-19660729	49 35 29.0 N (49.5914)	76 01 36.0 W ( 76.0267)	305.0	LRS
ER117	C Early Rise 117 ..... Quebec, Canada 19660704-19660729	49 49 25.0 N (49.8236)	75 36 00.0 W ( 75.6000)	305.0	LRS
ER118	C Early Rise 118 ..... Quebec, Canada 19660704-19660729	49 49 14.0 N (49.8206)	75 07 41.0 W ( 75.1281)	381.0	LRS
ER119	C Early Rise 119 ..... Quebec, Canada 19660704-19660729	49 47 26.0 N (49.7906)	74 38 17.0 W ( 74.6381)	381.0	LRS
ER120	C Early Rise 120 ..... Quebec, Canada 19660704-19660729	49 55 29.0 N (49.9247)	74 15 30.0 W ( 74.2583)	396.0	LRS
ER201	C Early Rise 201 ..... Quebec, Canada 19660703-19660729	49 35 41.0 N (49.5947)	74 16 38.0 W ( 74.2772)	381.0	LRS
ER202	C Early Rise 202 ..... Quebec, Canada 19660703-19660729	49 21 12.0 N (49.3533)	74 02 17.0 W ( 74.0381)	46.0	LRS
ER203	C Early Rise 203 ..... Quebec, Canada 19660703-19660729	49 11 09.0 N (49.1858)	73 40 18.0 W ( 73.6717)	381.0	LRS
ER204	C Early Rise 204 ..... Quebec, Canada 19660703-19660729	49 02 24.0 N (49.0400)	73 21 48.0 W ( 73.3633)	381.0	LRS
ER205	C Early Rise 205 ..... Quebec, Canada 19660703-19660729	48 52 29.0 N (48.8747)	72 56 01.0 W ( 72.9336)	351.0	LRS
ER207	C Early Rise 207 ..... Quebec, Canada 19660703-19660729	48 33 23.0 N (48.5564)	72 20 44.0 W ( 72.3456)	123.0	LRS
ER208	C Early Rise 208 ..... Quebec, Canada 19660703-19660729	48 24 35.0 N (48.4097)	71 58 36.0 W ( 71.9767)	137.0	LRS
ER209	C Early Rise 209 ..... Quebec, Canada 19660703-19660729	48 29 08.0 N (48.4856)	71 36 14.0 W ( 71.6039)	168.0	LRS
ER210	C Early Rise 210 ..... Quebec, Canada 19660703-19660729	48 20 41.0 N (48.3447)	71 08 47.0 W ( 71.1464)	152.0	LRS
ER211	C Early Rise 211 ..... Quebec, Canada 19660703-19660729	48 16 33.0 N (48.2758)	70 47 52.0 W ( 70.7978)	274.0	LRS

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
ER212	C Early Rise 212 ..... Quebec, Canada 19660703-19660729	48 10 21.0 N (48.1725)	70 17 35.0 W ( 70.2931)	183.0	LRSM
ER213	C Early Rise 213 ..... Quebec, Canada 19660703-19660729	48 00 54.0 N (48.0150)	70 04 22.0 W ( 70.0728)	244.0	LRSM
ER215	C Early Rise 215 ..... Quebec, Canada 19660703-19660729	47 48 16.0 N (47.8044)	69 25 23.0 W ( 69.4231)	152.0	LRSM
ER216	C Early Rise 216 ..... Quebec, Canada 19660703-19660729	47 37 38.0 N (47.6272)	69 00 35.0 W ( 69.0097)	290.0	LRSM
ER217	C Early Rise 217 ..... Quebec, Canada 19660703-19660729	47 29 11.0 N (47.4864)	68 39 48.0 W ( 68.6633)	366.0	LRSM
ER218	C Early Rise 218 ..... New Brunswick, Canada 19660703-19660729	47 24 17.0 N (47.4047)	68 20 30.0 W ( 68.3417)	175.0	LRSM
ER219	C Early Rise 219 ..... New Brunswick, Canada 19660703-19660729	47 13 05.0 N (47.2181)	67 55 00.0 W ( 67.9167)	183.0	LRSM
ER220	C Early Rise 220 ..... New Brunswick, Canada 19660703-19660729	47 01 03.0 N (47.0175)	67 43 40.0 W ( 67.7278)	173.0	LRSM
ER221	C Early Rise 221 ..... New Brunswick, Canada 19660703-19660729	46 54 44.0 N (46.9122)	67 21 53.0 W ( 67.3647)	213.0	LRSM
ER222	C Early Rise 222 ..... New Brunswick, Canada 19660703-19660729	46 52 50.0 N (46.8806)	66 58 34.0 W ( 66.9761)	442.0	LRSM
ER223	C Early Rise 223 ..... New Brunswick, Canada 19660703-19660729	46 48 48.0 N (46.8133)	66 36 48.0 W ( 66.6133)	396.0	LRSM
ER224	C Early Rise 224 ..... New Brunswick, Canada 19660703-19660729	46 35 32.0 N (46.5922)	66 13 56.0 W ( 66.2322)	122.0	LRSM
ER225	C Early Rise 225 ..... New Brunswick, Canada 19660703-19660729	46 32 18.0 N (46.5383)	65 50 47.0 W ( 65.8464)	31.0	LRSM
ER226	C Early Rise 226 ..... New Brunswick, Canada 19660703-19660729	46 20 13.0 N (46.3369)	65 35 42.0 W ( 65.5950)	46.0	LRSM
ER227	C Early Rise 227 ..... New Brunswick, Canada 19660703-19660729	46 11 46.0 N (46.1961)	65 09 45.0 W ( 65.1625)	61.0	LRSM
ER228	C Early Rise 228 ..... New Brunswick, Canada 19660703-19660729	46 08 51.0 N (46.1475)	64 54 21.0 W ( 64.9058)	152.0	LRSM
ER229	C Early Rise 229 ..... New Brunswick, Canada 19660703-19660729	46 00 54.0 N (46.0150)	64 31 16.0 W ( 64.5211)	76.0	LRSM
ER230	C Early Rise 230 ..... New Brunswick, Canada 19660703-19660729	45 58 07.0 N (45.9686)	64 10 27.0 W ( 64.1742)	46.0	LRSM
ER231	C Early Rise 231 ..... Nova Scotia, Canada 19660703-19660729	45 52 00.0 N (45.8667)	63 49 11.0 W ( 63.8197)	15.0	LRSM
ER232	C Early Rise 232 ..... Nova Scotia, Canada 19660703-19660729	45 44 56.0 N (45.7489)	63 26 55.0 W ( 63.4486)	31.0	LRSM
ER234	C Early Rise 234 ..... Nova Scotia, Canada 19660703-19660729	45 35 32.0 N (45.5922)	62 42 53.0 W ( 62.7147)	76.0	LRSM
ER235	C Early Rise 235 ..... Nova Scotia, Canada 19660703-19660729	45 35 55.0 N (45.5986)	62 18 02.0 W ( 62.3006)	61.0	LRSM
ER236	C Early Rise 236 ..... Nova Scotia, Canada 19660703-19660729	45 34 56.0 N (45.5822)	61 54 16.0 W ( 61.9044)	15.0	LRSM
ER237	C Early Rise 237 ..... Nova Scotia, Canada 19660703-19660729	45 37 35.0 N (45.6264)	61 33 30.0 W ( 61.5583)	46.0	LRSM
ER238	C Early Rise 238 ..... Nova Scotia, Canada 19660703-19660729	45 37 26.0 N (45.6239)	61 13 12.0 W ( 61.2200)	23.0	LRSM
ER239	C Early Rise 239 ..... Nova Scotia, Canada 19660703-19660729	45 39 42.0 N (45.6617)	60 50 21.0 W ( 60.8392)	15.0	LRSM
ER241	C Early Rise 241 ..... Nova Scotia, Canada 19660703-19660729	46 01 41.0 N (46.0281)	60 12 22.0 W ( 60.2061)	76.0	LRSM
ER242	C Early Rise 242 ..... Nova Scotia, Canada 19660703-19660729	46 09 38.0 N (46.1606)	59 56 12.0 W ( 59.9367)	15.0	LRSM
ER300	C Early Rise 300 ..... Pennsylvania, U.S.A.	40 27 42.0 N (40.4617)	80 10 50.0 W ( 80.1806)	287.0	LRSM
ER301	C Early Rise 301 ..... Pennsylvania, U.S.A.	40 17 13.0 N (40.2869)	79 56 58.0 W ( 79.9494)	311.0	LRSM
ER302	C Early Rise 302 ..... Pennsylvania, U.S.A.	40 04 42.0 N (40.0783)	79 46 13.0 W ( 79.7703)	317.0	LRSM

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
ER303	C Early Rise 303 Pennsylvania, U.S.A.	39 52 31.0 N (39.8753)	79 31 50.0 W ( 79.5306)	616.0	LRS
ER304	C Early Rise 304 Maryland, U.S.A.	39 41 45.0 N (39.6958)	79 15 49.0 W ( 79.2636)	823.0	LRS
ER306	C Early Rise 306 West Virginia, U.S.A.	39 15 10.0 N (39.2528)	78 54 43.0 W ( 78.9119)	290.0	LRS
ER307	C Early Rise 307 West Virginia, U.S.A.	39 02 01.0 N (39.0336)	78 39 11.0 W ( 78.6531)	457.0	LRS
ER308	C Early Rise 308 Virginia, U.S.A.	38 49 47.0 N (38.8297)	78 26 08.0 W ( 78.4356)	270.0	LRS
ER309	C Early Rise 309 Virginia, U.S.A.	38 37 20.0 N (38.6222)	78 13 54.0 W ( 78.2317)	232.0	LRS
ER310	C Early Rise 310 Virginia, U.S.A.	38 22 35.0 N (38.3764)	78 03 20.0 W ( 78.0556)	122.0	LRS
ER311	C Early Rise 311 Virginia, U.S.A.	38 09 52.0 N (38.1644)	77 48 50.0 W ( 77.8139)	128.0	LRS
ER312	C Early Rise 312 Virginia, U.S.A.	37 57 28.0 N (37.9578)	77 35 36.0 W ( 77.5933)	67.0	LRS
ER313	C Early Rise 313 Virginia, U.S.A.	37 44 17.0 N (37.7381)	77 25 51.0 W ( 77.4308)	64.0	LRS
ER314	C Early Rise 314 Virginia, U.S.A.	37 31 29.0 N (37.5247)	77 11 09.0 W ( 77.1858)	37.0	LRS
ER315	C Early Rise 315 Virginia, U.S.A.	37 17 47.0 N (37.2964)	76 57 55.0 W ( 76.9653)	18.0	LRS
ER316	C Early Rise 316 Virginia, U.S.A.	37 05 18.0 N (37.0883)	76 45 18.0 W ( 76.7550)	24.0	LRS
ER317	C Early Rise 317 Virginia, U.S.A.	36 52 52.0 N (36.8811)	76 34 55.0 W ( 76.5819)	18.0	LRS
ER318	C Early Rise 318 Virginia, U.S.A.	36 38 08.0 N (36.6356)	76 21 34.0 W ( 76.3594)	3.0	LRS
ER319	C Early Rise 319 North Carolina, U.S.A.	36 23 27.0 N (36.3908)	76 09 51.0 W ( 76.1642)	6.0	LRS
ERB	Rabaul New Britain, Papua New Guinea	4 11 35.4 S ( 4.1932)	152 09 45.0 E (152.1625)	180.0	BGS
ERC	Erice Sicily, Italy opened 197802.	38 02 09.6 N (38.0360)	12 35 20.4 E ( 12.5890)	751.0	ROM
ERD	C Erdek Turkey 1970-1972?	40 24 .. N (40.4000)	27 48 .. E ( 27.8000)	...	ISK
ERE	Yerevan (Erevan) Armenian S.S.R., U.S.S.R.	40 11 .. N (40.1833)	44 30 .. E ( 44.5000)	990.0	MOS
ERI	C Eureka Ridge Idaho, U.S.A. 197110-19740726.	46 32 04.8 N (46.5347)	116 16 29.4 W (116.2748)	862.0	MSO
ERIJ	F Earthquake Research Institute, Tokyo, Japan				
ERM	D Erimo Hidaka, Hokkaido, Japan opened 19711103. IDA opened 198008.	42 00 53.9 N (42.0150)	143 09 25.6 E (143.1571)	40.0	HSS IDA
ERMT	East Ridge Montana, U.S.A. opened 1984	45 59 35.4 N (45.9932)	112 27 22.2 W (112.4562)	1928.0	BUT
ERN	C Ernestine Central Alaska, Alaska, U.S.A. 19710916-19730829.	61 26 39.0 N (61.4442)	145 06 44.0 W (145.1122)	570.0	AGS
(ERN)	see international code ERNS				
ERNS	R Erzincan Tuvinskaya ASSR, R.S.F.S.R., U.S.S.R. MOS code ERN.	50 15 .. N (50.2500)	95 10 .. E ( 95.1667)	...	MOSR
ERP	R Erie Pennsylvania, U.S.A. opened 1975.	42 08 .. N (42.1333)	79 59 .. W ( 79.9833)	...	SCP
(ERP)	see international code ERPC				
ERPC	R Ernie's Place Imperial County, California, U.S.A. opened 198106. PAS code ERP.	32 44 36.6 N (32.7435)	115 39 45.6 W (115.6627)	-9.0	PAS
ERZ	Erzurum Turkey opened 19660806.	39 54 54.0 N (39.9150)	41 16 36.0 E ( 41.2767)	1850.0	IST
ES-	(Alternate Abbreviation for ES-ON)				
ES-ON	C Espanola Ontario, Canada 19621112-19621207.	46 19 08.0 N (46.3189)	81 47 34.0 W ( 81.7928)	274.0	LRS
ESA	Esa Ala D'Entrecasteaux Islands, Papua New Guinea opened 1965.	9 44 18.2 S ( 9.7384)	150 48 50.7 E (150.8141)	46.0	RAB
ESB	Esa Ala D'Entrecasteaux Islands, Papua New Guinea opened 1974.	9 41 12.0 S ( 9.6867)	150 54 10.0 E (150.9028)	60.0	RAB
ESC	C El Salvador Atacama, Chile	26 13 48.0 S (26.2300)	69 30 36.0 W ( 69.5100)	4700.0	
ESCF	Escot Bearn, France	43 04 42.6 N (43.0785)	0 34 28.9 W ( 0.5747)	570.0	PAR
ESG	F (phase code identification)				
ESH	RD Eson Oshima, Hokkaido, Japan opened 19760701.	41 53 03.2 N (41.8842)	141 00 40.3 E (141.0112)	40.0	HSS
ESK	D Eskdalemuir Scotland, United Kingdom opened 19640319. IDA opened 197809.	55 19 00.0 N (55.3167)	3 12 18.0 W ( 3.2050)	242.0	BGS WWSS IDA

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
ESM	Semolu New Britain, Papua New Guinea	4 16 37.2 S ( 4.2770)	152 41 10.8 E (152.6863)	50.0	BGS
ESN	F (phase code identification)				
ESO	R Esso Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R.	55 56 .. N (55.9333)	158 42 .. E (158.7000)	...	MOSR
ESP	Espenschied Hessen, Fed. Rep. of Germany opened 198004?	50 05 57.0 N (50.0992)	7 53 35.4 E ( 7.8932)	398.0	
ESR	Escape Road Hawaii, Hawaii, U.S.A. opened 19710929.	19 24 40.8 N (19.4113)	155 14 19.8 W (155.2388)	1177.0	HVO
EST	Estancia New Mexico, U.S.A. opened 197606.	34 51 52.1 N (34.8645)	105 43 21.9 W (105.7227)	2055.0	NEIS
ESTOP	F (keyword for telegraphic format)				
ESTR	U Eastside Nevada, U.S.A. 197412-197604.	38 05 28.7 N (38.0913)	118 19 36.1 W (118.3267)	2012.0	REN
ESU	C Uglegorsk (Esutaru) Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	49 05 .. N (49.0833)	142 02 .. E (142.0333)	...	
ESY	D Stony path Scotland, United Kingdom opened 19811127.	55 55 04.0 N (55.9178)	2 36 52.0 W ( 2.6144)	325.0	BGS
ETA	Tara Eire opened 198203.	52 41 45.0 N (52.6958)	6 12 36.0 W ( 6.2100)	140.0	DIAS
ETB	D Estevan Point British Columbia, Canada opened 19820429.	49 22 34.7 N (49.3763)	126 32 16.8 W (126.5380)	1.0	WCTN
ETC	El Centro Colombia opened 19750131.	6 51 45.0 N ( 6.8625)	73 46 10.0 W ( 73.7694)	140.0	BOG
ETG	Etolontan Georgia, U.S.A. opened 197802.	33 17 28.3 N (33.2912)	83 21 02.5 W ( 83.3507)	137.0	ATL
ETP	Eitopia Washington, U.S.A. opened 196903.	46 27 53.4 N (46.4648)	119 03 32.4 W (119.0590)	219.0	SEA
ETS	C Engine Test Stand Nevada, U.S.A. 1965-1970.	36 49 57.0 N (36.8325)	116 18 31.0 W (116.3086)	1158.0	USGS
ETT	Etowah Tennessee, U.S.A. opened 19811125.	35 19 33.6 N (35.3260)	84 27 18.0 W ( 84.4550)	588.0	TEIC
ETU	C East Traverse Mountains Salt Lake County, Utah, U.S.A. 197407-198311.	40 28 38.0 N (40.4772)	111 50 40.0 W (111.8444)	1884.0	SLC
ETV	Tovanokuss New Britain, Papua New Guinea (Alternate Abbreviation for EU-AL)	4 12 22.2 S ( 4.2062)	151 40 03.6 E (151.6677)	30.0	BGS
EU- EU-AL	C Eutaw Alabama, U.S.A. 19630702-19641122. (Alternate Abbreviation for EU2AL)	32 46 45.0 N (32.7792)	87 52 26.0 W ( 87.8739)	43.0	LRSN
EU2 EU2AL	C Eutaw Alabama, U.S.A. 19661112-19670116; 19690827-19691110.	32 47 47.0 N (32.7964)	87 53 05.0 W ( 87.8847)	43.0	LRSN
EUC	Eureka Canyon Santa Cruz County, California, U.S.A. opened 19690528. MNLO code JEC.	37 03 02.4 N (37.0507)	121 48 33.6 W (121.8093)	438.0	MNLO
EUM	Eureka Meso New Mexico, U.S.A. opened 19760113.	36 00 47.0 N (36.0131)	106 50 38.0 W (106.8439)	2914.0	LOA
EUR	Eureka Nevado, U.S.A. opened 195805.	39 29 00.0 N (39.4833)	115 58 12.0 W (115.9700)	2178.0	NEIS
EUW	Eureka Washington, U.S.A. opened 197506.	46 23 45.0 N (46.3958)	118 33 43.5 W (118.5621)	367.0	SEA
EVA	Evander Transvaal, South Africa opened 1981.	26 30 19.7 S (26.5055)	29 04 37.1 E ( 29.0770)	1621.0	PRE
EVAL	Valverde del Camino Spain	37 35 03.0 N (37.5842)	6 44 43.8 W ( 6.7455)	...	MDD
EVZ	R Mount Varzin New Britain, Papua New Guinea (Alternate Abbreviation for EW-IS)	4 23 45.6 S ( 4.3960)	152 09 19.2 E (152.1553)	597.0	BGS
EW- EW-IS	C Eniwetok Marshall Islands 19630628-19630913.	11 23 50.0 N (11.3972)	162 22 31.0 E (162.3753)	3.0	LRSN
EW	R East Wide Canyon Riverside County, California, U.S.A. opened 198104.	33 56 14.4 N (33.9373)	116 22 51.6 W (116.3810)	512.0	PAS
EWT	Watom Island New Britain, Papua New Guinea	4 06 54.0 S ( 4.1150)	152 05 15.0 E (152.0875)	30.0	BGS
EXC	U Excelsior Nevada, U.S.A. closed 197707.	38 20 18.6 N (38.3385)	118 19 27.1 W (118.3242)	1823.0	REN
EY-	(Alternate Abbreviation for EY-NV)				



TABLE 1

Code	Station Name	Region and Comments	Latitude	Longitude	Elev	Networks
E1-NV	C Ely	Nevada, U.S.A. 19630421-19630610, 19680419-19680426. (Alternate Abbreviation for EY2NV)	39 24 30.0 N (39.4100)	115 18 46.0 W (115.3128)	2012.0	LRSN
EY2	C Ely	Nevada, U.S.A. 19660301-19660312.	39 25 53.0 N (39.4314)	115 19 04.0 W (115.3178)	2012.0	LRSN
EYP	C El Yunque	Puerto Rico 19750730-19760809.	18 18 45.8 N (18.3127)	65 47 28.0 W (65.7911)	1060.0	USGS
EZN	C Ezine	Turkey (39.8258)	39 49 33.0 N (39.8258)	26 19 31.0 E (26.3253)	50.0	ISK
FA-NV	C Faultless	Nevada, U.S.A. 19770603-?	38 38 26.0 N (38.6406)	116 13 22.0 W (116.2228)	1920.0	LRSN
FAB	C Fabrichnaya	Kazakh S.S.R., U.S.S.R. (43.1333)	43 08 .. N (43.1333)	76 26 .. E (76.4333)	...	
FAC	C Faja de Cima	Azores, Portugal opened 1980.	37 46 23.5 N (37.7732)	25 39 01.8 W (25.6505)	191.0	PDA
FAE	C Foenza	Emilia-Romagna, Italy 19170530-?	44 18 20.0 N (44.3056)	11 53 00.0 E (11.8833)	48.0	
FAI	C Favara	Sicily, Italy opened 198304.	37 18 00.0 N (37.3000)	13 39 36.0 E (13.6600)	330.0	ROM
FAL	R Falling Springs	Los Angeles County, California, U.S.A. opened 198106.	34 18 35.4 N (34.3098)	117 48 33.0 W (117.8092)	2316.0	PAS
FAN	C Fanning Island	Line Islands, Kiribati (4.0000)	4 00 .. N (4.0000)	159 40 .. W (159.6667)	...	
FAR	C Faro	Portugal opened 19710101.	37 01 08.2 N (37.0189)	7 58 19.9 W (7.9722)	8.0	INMG
FARG	C Farmington	New Mexico, U.S.A. opened 197710.	36 46 41.0 N (36.7781)	108 11 13.0 W (108.1869)	1801.0	LOA
FAT	R Fatmalar	Turkey opened 197504.	36 54 23.4 N (36.9065)	31 30 49.0 E (31.5136)	472.0	
FAV	C Fayetteville	Arkansas, U.S.A. opened 196907.	36 07 17.0 N (36.1214)	94 11 26.0 W (94.1906)	387.0	
FAY	C Fayetteville	Arkansas, U.S.A. 195201-196907.	36 05 28.0 N (36.0911)	94 11 28.0 W (94.1911)	404.0	
FB-AK	C Fairbanks	Central Alaska, Alaska, U.S.A. 19680903-19681010.	64 57 07.0 N (64.9519)	148 17 03.0 W (148.2842)	716.0	LRSN
FB2AK	C Fairbanks	Central Alaska, Alaska, U.S.A. 19700609-19710614.	64 54 36.0 N (64.9100)	147 26 47.0 W (147.4464)	343.0	LRSN
FBA	C Fairbanks	Central Alaska, Alaska, U.S.A. (64.9000)	64 54 00.0 N (64.9000)	147 47 36.0 W (147.7933)	320.0	PMR USTN
FBAL	C Fairbanks--Long Period	Central Alaska, Alaska, U.S.A. (64.9100)	64 54 36.0 N (64.9100)	147 26 47.0 W (147.4464)	365.8	
FBAS	C Fairbanks--Short Period	Central Alaska, Alaska, U.S.A. (64.7711)	64 46 16.0 N (64.7711)	146 53 08.2 W (146.8856)	400.2	
FBC	C Frobisher Bay	Northwest Territories, Canada 196308-19721125.	63 44 .. N (63.7333)	68 28 .. W (68.4667)	45.0	OTT
FBG	R Fraix Rivieres	Guadeloupe (15.9797)	15 58 46.8 N (15.9797)	61 38 52.2 W (61.6478)	185.0	FDF
FBK	C Fairbanks	Central Alaska, Alaska, U.S.A. 197009-197204.	64 53 58.0 N (64.8994)	148 00 20.0 W (148.0056)	330.0	PAL
FBR	C Fobra (Barcelana)	Spain (41.4164)	41 24 59.0 N (41.4164)	2 07 30.0 E (2.1250)	405.0	
FCC	C Fort Churchill	Manitoba, Canada opened 19670624.	58 45 42.0 N (58.7617)	94 05 12.0 W (94.0867)	39.0	OTT
FCH	C Farellanes	Santiago, Chile opened 1982.	33 19 39.4 S (33.3276)	70 17 26.1 W (70.2906)	2770.0	SAN
FCN	C Frijoles Canyon	New Mexico, U.S.A. 19730507-197307.	33 46 18.8 N (33.7719)	106 15 01.1 W (106.2503)	1945.0	LOA
FCV	C Fort Charlotte	Saint Vincent, St. Vincent and the Grenadines (13.1570)	13 09 25.2 N (13.1570)	61 14 42.0 W (61.2450)	194.0	TRN
FDA	C Foz da Areia	Parana, Brazil opened 19781203	25 59 12.9 S (25.9869)	51 30 55.0 W (51.5153)	...	VAO
FDA4	R Foz da Areia	Parana, Brazil (26.1600)	26 10 01.2 S (26.1600)	51 46 12.0 W (51.7700)	...	VAO
FDA5	C Foz da Areia	Parana, Brazil opened 198101	26 08 59.3 S (26.1498)	51 27 18.7 W (51.4552)	1000.0	VAO
FDF	C Fort de France (Marne des Cadets)	Martinique opened 1929.	14 44 00.0 N (14.7333)	61 09 01.2 W (61.1503)	510.0	FDF

CODES

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
FDM	R Frederick ..... Maryland, U.S.A.	...	...	...	
FDU	Ford Ridge ..... Carbon County, Utah, U.S.A. opened 197803.	39 45 24.6 N (39.7568)	110 59 24.0 W (110.9900)	2975.0	SLC
FEA	C Feather Falls ..... Butte County, California, U.S.A. 196606-196901.	39 37 08.6 N (39.6191)	121 14 44.4 W (121.2457)	1227.0	CDWR
FEB	F (keyword for telegraphic format)				
FEL	Feldberg in Schwarzwald ..... Baden-Württemberg, Fed. Rep. of Germany opened 1961.	47 52 30.0 N (47.8750)	8 01 00.0 E ( 8.0167)	1485.0	KRW
FEN	Fengtjen (Shenyang) ..... Liooning, China (Mainland)	41 47 .. N (41.7833)	123 24 .. E (123.4000)	25.0	
FEO	Feodasiya ..... Ukrainian S.S.R., U.S.S.R.	45 01 .. N (45.0167)	35 23 .. E ( 35.3833)	40.0	MOSR
FER	Ferndale ..... Humboldt County, California, U.S.A. opened 193301.	40 34 36.0 N (40.5767)	124 15 42.0 W (124.2617)	15.0	
(FER)	see international code FERR				
FERR	Ferguson ..... Nevada, U.S.A. opened 197603. REN code FER.	38 35 34.1 N (38.5928)	118 10 30.0 W (118.1750)	1646.0	REN
FFC	Flin Flan ..... Manitoba, Canada opened 19650222.	54 43 30.0 N (54.7250)	101 58 42.0 W (101.9783)	338.0	OTT
FFFF	F (keyword for telegraphic transmission)				
FGG	(Alternate Abbreviation for FOG)				
FGO	Fuego ..... Guatemala opened 1973.	14 26 44.4 N (14.4457)	90 50 25.8 W ( 90.8405)	1410.0	GCG
FGU	C Flaming Gorge ..... Daggett County, Utah, U.S.A. 1960-197606.	40 55 35.0 N (40.9264)	109 23 10.3 W (109.3862)	1982.0	SLC
FH-	(Alternate Abbreviation for FH-PM)				
FH-PM	C Fort Sherman ..... Panama 19661114-19661220.	9 21 47.0 N ( 9.3631)	79 57 30.0 W ( 79.9583)	15.0	LRSR
FHC	Fickle Hill ..... Humboldt County, California, U.S.A. opened 19681012.	40 48 06.0 N (40.8017)	123 59 06.0 W (123.9850)	610.0	BRK USTN
FHMC	Merrill Creek ..... New Jersey, U.S.A.	40 45 03.6 N (40.7510)	75 02 24.0 W ( 75.0400)	256.0	BLMY
FHO	CD Fitzroy Harbour ..... Ontario, Canada 19790131-19820111.	45 27 18.0 N (45.4550)	76 13 01.2 W ( 76.2170)	72.0	ECTN
FID	Port Fidalgo ..... Central Alaska, Alaska, U.S.A. opened 19741007.	60 45 00.0 N (60.7500)	146 28 44.4 W (146.4790)	457.0	AGS
FIL	R Fillmore ..... Ventura County, California, U.S.A. opened 198203.	34 25 25.8 N (34.4238)	118 50 04.2 W (118.8345)	243.0	PAS
FIR	Firenze Ximeniana (Florence) ..... Toscana, Italy Also sent to NEIS by RDM.	43 46 40.0 N (43.7778)	11 15 24.0 E ( 11.2567)	46.0	
FIS	C Fire Island ..... Central Alaska, Alaska, U.S.A. 19740924-19760504.	61 08 39.0 N (61.1442)	150 13 06.6 W (150.2185)	76.0	AGS
FIX	F (keyword for telegraphic format)				
FK-	(Alternate Abbreviation for FK-CO)				
FK-CO	C Franktown ..... Colorado, U.S.A. 19661117-19670626.	39 35 12.0 N (39.5867)	104 27 42.0 W (104.4617)	1803.0	LRSR
FKJ	Fukue ..... Nagasaki, Kyushu, Japan (FKJ) see international code FKJD	32 42 .. N (32.7000)	128 50 .. E (128.8333)	26.0	JMA
FKJD	R Fukui ..... Fukui, Honshu, Japan opened 197406. DRI code FKJ.	36 05 38.9 N (36.0941)	136 07 24.0 E (136.1233)	90.0	DRI
FKK	Fukuoka ..... Fukuoka, Kyushu, Japan moved 193103.	33 34 48.0 N (33.5800)	130 22 48.0 E (130.3800)	2.0	JMA
FKS	Fukushima ..... Fukushima, Honshu, Japan moved 192802.	37 45 24.0 N (37.7567)	140 28 30.0 E (140.4750)	68.0	JMA
FL-	(Alternate Abbreviation for FL-BC)				
FL-BC	C Fort Nelson ..... British Columbia, Canada 19651022-19651105; 19680830-19680909.	58 51 38.0 N (58.8606)	122 50 11.0 W (122.8364)	655.0	LRSR
FLA	C Flat ..... Emery County, Utah, U.S.A. 196201-197703.	39 28 12.0 N (39.4700)	110 26 16.2 W (110.4378)	1670.0	USGS
FLAG	Flagstaff ..... Arizona, U.S.A. opened 197705.	35 10 00.0 N (35.1667)	111 38 35.5 W (111.6432)	2115.0	
FLE	C Fletcher ..... Vermont, U.S.A.	44 43 21.6 N (44.7227)	72 57 06.0 W ( 72.9517)	...	
FLET	Fletcher ..... Vermont, U.S.A. opened 19770808.	44 43 21.6 N (44.7227)	72 57 06.0 W ( 72.9517)	366.0	PAL

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Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
FLG	C Flogstaff ..... Arizona, U.S.A. 196611-197209.	35 17 35.5 N (35.2932)	111 42 08.6 W (111.7024)	2445.0	USGS
FLN	D La Foliniere ..... Normandie, France	48 45 45.0 N (48.7625)	0 28 55.0 W ( 0.4819)	240.0	LDG
FLO	C Florissant ..... Missouri, U.S.A. 1928-19710831. WWSS 19611202-19710831.	38 48 06.0 N (38.8017)	90 22 12.0 W ( 90.3700)	160.0	SLM WWSS
FLP	Featherly Pass ..... Alaska Peninsula, Alaska, U.S.A. opened 197510.	57 42 42.0 N (57.7117)	156 15 54.0 W (156.2650)	485.0	GIA
FLR	Fall River ..... Massachusetts, U.S.A. opened 19750324.	41 43 00.0 N (41.7167)	71 07 17.5 W ( 71.1215)	52.0	WES
FLS	R Las Flores ..... Guatemala	13 53 39.6 N (13.8943)	90 03 57.0 W ( 90.0658)	180.0	GCG
(FLS)	see international code FLSC				
FLSC	Flash Two Peak ..... San Bernardino County, California, U.S.A. opened 197906. PAS code FLS.	34 58 07.8 N (34.9688)	117 02 11.4 W (117.0365)	3300.0	PAS
FLT	Fleetwood ..... Alabama, U.S.A. opened 19710109.	33 15 28.8 N (33.2580)	87 24 34.2 W ( 87.4095)	128.0	MNLO
FLU	Fool Peak ..... Millard County, Utah, U.S.A. opened 1982?	39 22 41.4 N (39.3782)	112 10 13.8 W (112.1705)	1950.0	SLC
FLW	C Foulwind ..... South Island, New Zealand 19680524-19680702. (Alternate Abbreviation for FM-UT)	41 45 08.0 S (41.7522)	171 29 59.0 E (171.4997)	20.0	WEL
FM- FM-UT	C Fillmore ..... Millard County, Utah, U.S.A. 19611007-19630610; 19660302-19660312.	39 13 06.0 N (39.2183)	112 12 25.0 W (112.2069)	1890.0	LRSM
FMA	R Fort MacArthur ..... Los Angeles County, California, U.S.A.	33 42 45.0 N (33.7125)	118 17 07.2 W (118.2853)	15.0	USC
FMC	Four Mile Canyon ..... Oregon, U.S.A. opened 197511.	45 37 28.0 N (45.6244)	120 01 42.0 W (120.0283)	305.0	
FMD	F (keyword for telegraphic format)				
FME	F (keyword for telegraphic format)				
FMF	C Francis Marian National Forest ..... South Carolina, U.S.A. 19730228-19731002. (keyword for telegraphic format)	32 57 14.4 N (32.9540)	79 50 27.6 W ( 79.8410)	...	USGS
FMN	F (keyword for telegraphic format)				
FMP	R .....	...	...	...	
FMS	F (keyword for telegraphic format)				
FMT	Funeral Mountains ..... Inyo County, California, U.S.A. opened 19781128.	36 38 23.0 N (36.6397)	116 46 44.0 W (116.7789)	1025.0	USGS
FMTX	Flower Mountain ..... Texas, U.S.A.	31 46 19.2 N (31.7720)	94 48 18.0 W ( 94.8050)	220.0	ATX
FMW	Mount Fremont ..... Washington, U.S.A. opened 19720904. (Alternate Abbreviation for FN-WV)	46 55 54.0 N (46.9317)	121 40 19.2 W (121.6720)	1890.0	SEA
FN- FN-WV	C Franklin ..... West Virginia, U.S.A. 19640504-19640828; 19650603-19651112.	38 32 58.0 N (38.5494)	79 30 47.0 W ( 79.5131)	910.0	LRSM
FNC	C Finlay Park ..... British Columbia, Canada 196907-197010.	55 59 30.0 N (55.9917)	123 15 00.0 W (123.2500)	...	EDM
FNN	C Franconia Notch ..... New Hampshire, U.S.A. 1967-1975.	44 09 36.0 N (44.1600)	71 40 54.0 W ( 71.6817)	1060.0	
FNT	C Fort Nelson (Hobart) ..... Tasmania, Australia 1957-1962. (Alternate Abbreviation for FO-TX)	42 55 35.4 S (42.9265)	147 21 13.0 E (147.3536)	184.0	TAU
FO- FO-TX	C Fort Stockton ..... Texas, U.S.A. 19640621-19650412.	30 54 06.0 N (30.9017)	102 41 52.0 W (102.6978)	880.0	LRSM
FOA	R Forni Avoltri ..... Friuli-Venezia Giulia, Italy Opened 19820606.	46 35 12.0 N (46.5867)	12 46 30.0 E ( 12.7750)	880.0	TRI
FOC	Focsani ..... Romania opened 19420712. (keyword for telegraphic format)	45 41 42.0 N (45.6950)	27 11 00.0 E ( 27.1833)	61.0	BUC
FOCUS	F (keyword for telegraphic format)				
FOG	Foggia ..... Puglia, Italy Sent to NEIS by ROM.	41 27 00.0 N (41.4500)	15 33 05.0 E ( 15.5514)	...	
FOL	C Foligno ..... Umbria, Italy	42 57 24.0 N (42.9567)	12 42 24.0 E ( 12.7067)	...	
FOO	Flora ..... Norway	61 35 52.8 N (61.5980)	5 02 38.4 E ( 5.0440)	...	BER
FOR	C Fordham ..... New York, U.S.A. 1910-197608. (keyword for telegraphic format)	40 51 47.0 N (40.8631)	73 53 08.0 W ( 73.8856)	24.0	
(FOT)	see international code FOTD				

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Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
FOTD	U	Funooka ..... Tottori, Honshu, Japan 196405-197107. DRI code FOT	35 19 49.9 N (35.3305)	134 16 02.1 E (134.2673)	200.0	DRI
FOUF		Fouillouse ..... Provence, France opened 198301.	44 31 45.0 N (44.5292)	6 46 55.0 E ( 6.7819)	...	
FOX	R	Fox Airport ..... Los Angeles County, California, U.S.A. opened 198103.	34 43 58.8 N (34.7330)	118 13 50.4 W (118.2307)	716.0	PAS
FPN	C	Fairview Peak ..... Nevada, U.S.A. 19710930-197507	39 12 14.4 N (39.2040)	118 09 21.6 W (118.1560)	2256.0	REN
FPU		Francis Peak ..... Davis County, Utah, U.S.A. opened 197409	41 01 35.0 N (41.0264)	111 50 12.0 W (111.8367)	2816.0	SLC
FPW		Fields Point ..... Washington, U.S.A. opened 197506.	47 58 00.0 N (47.9667)	120 12 46.5 W (120.2129)	352.0	SEA
FR-		(Alternate Abbreviation for FR-MA)				
FR-MA	C	Forsyth ..... Montana, U.S.A. 19630707-19640805.	46 06 00.0 N (46.1000)	106 26 25.0 W (106.4403)	823.0	LRSB
FRA		Furnas ..... Azores, Portugal opened 1980.	37 45 33.5 N (37.7593)	25 21 11.8 W ( 25.3533)	557.0	PDA
FRB		Frobisher ..... Northwest Territories, Canada opened 19721128.	63 44 48.0 N (63.7467)	68 32 48.0 W ( 68.5467)	18.0	OTT
FRC	C	Federal Ranch ..... British Columbia, Canada 196712-197210.	56 26 30.0 N (56.4417)	122 23 00.0 W (122.3833)	...	EDM
FRE	C	Fresno ..... Fresno County, California, U.S.A. 19351128-19710302.	36 46 06.0 N (36.7683)	119 47 48.0 W (119.7967)	88.0	BRK
FRF		La Farey Royale ..... Provence, France opened 19800901.	43 33 38.5 N (43.5607)	6 38 48.4 E ( 6.6468)	310.0	LDG
FRG		Fergana ..... Uzbek S.S.R., U.S.S.R.	40 23 .. N (40.3833)	71 47 .. E ( 71.7833)	600.0	MOSR
(FRG)		see international code FRGC				
FRGC	R	Fargo Canyon ..... Riverside County, California, U.S.A. opened 198105 PAS code FRG.	33 45 25.8 N (33.7572)	116 03 41.4 W (116.0615)	934.0	PAS
FRI		Friant ..... Fresno County, California, U.S.A. opened 19710309	36 59 30.0 N (36.9917)	119 42 30.0 W (119.7083)	119.0	BRK USTN
FRK	R	Frink ..... Imperial County, California, U.S.A. opened 198107	33 24 03.0 N (33.4008)	115 38 12.6 W (115.6368)	91.0	PAS
FRM	C	Flat River ..... Missouri, U.S.A. 1969-197212.	37 50 09.0 N (37.8358)	90 29 11.0 W ( 90.4864)	161.0	SLM
FRN	C	Fernie ..... British Columbia, Canada closed before 1962.	49 29 00.0 N (49.4833)	114 58 36.0 W (114.9767)	...	OTTR
FRO		Froya ..... Norway (61.7570)	61 45 25.2 N (61.7570)	4 52 55.2 E ( 4.8820)	20.0	BER
FRP		Fremant Peak ..... Monterey County, California, U.S.A. opened 19700902. MNLO code HFP.	36 45 13.2 N (36.7537)	121 29 25.8 W (121.4905)	705.0	MNLO
FRR		Firariana ..... Madagascar (18.7173)	18 43 02.3 S (18.7173)	47 35 58.1 E ( 47.5995)	1554.0	TAN
FRT		Faratahi ..... Tuamotu Archipelago, French Polynesia opened 1976.	18 10 12.0 S (18.1700)	141 02 32.0 W (141.0422)	2.0	PPT
FRTX		Fuller Ranch ..... Texas, U.S.A. opened 1979?	32 56 19.8 N (32.9388)	100 50 52.8 W (100.8480)	689.0	
FRU		Frunze ..... Kirghiz S.S.R., U.S.S.R. (42.8333)	42 50 .. N (42.8333)	74 37 .. E ( 74.6167)	655.0	MOS
FRV		Farmville ..... Virginia, U.S.A. opened 197812.	37 12 10.8 N (37.2030)	78 21 33.6 W ( 78.3593)	216.0	BLA
FRZ		Fierza ..... Albania (42.2814)	42 16 53.0 N (42.2814)	20 02 17.0 E ( 20.0381)	...	TIR
FS-		(Alternate Abbreviation for FS-AZ)				
FS-AZ	C	Flagstaff ..... Arizona, U.S.A. 19611014-19630512; 19660227-19660312.	35 04 09.0 N (35.0692)	111 18 34.0 W (111.3094)	1890.0	LRSB
FS1	R	Fosdinava ..... Toscana, Italy (44.1261)	44 07 34.0 N (44.1261)	10 01 31.0 E ( 10.0253)	...	ROM
FSA		Cafayete ..... Salta, Argentina (26.0839)	26 05 02.0 S (26.0839)	66 00 44.0 W ( 66.0122)	...	SJA
FSB	R	Fart Saint James ..... British Columbia, Canada opened 19790430.	54 28 36.0 N (54.4767)	124 19 42.0 W (124.3283)	747.0	OTTR
FSC		Fuscalda ..... Calabria, Italy (39.4189)	39 25 08.0 N (39.4189)	16 02 33.0 E ( 16.0425)	550.0	LLI

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TABLE 1

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
FSJ	C	Fort Saint James ..... British Columbia, Canada 19650512-19790417.	54 27 48.0 N (54.4633)	124 16 48.0 W (124.2800)	772.0	OTT
FSTOP	F	(keyword for telegraphic format)				
FSU	F	Fish Springs ..... Juab County, Utah, U.S.A. opened 197906. (Alternate Abbreviation for FT-BC)	39 43 21.0 N (39.7225)	113 23 29.4 W (113.3915)	1487.0	SLC
FT-BC	C	Fort Mclead ..... British Columbia, Canada 19621116-19621209.	54 54 49.0 N (54.9136)	122 52 56.0 W (122.8822)	914.0	LRSB
FTB	R	Fintinele ..... Romania opened 1979.	46 41 21.0 N (46.6892)	23 03 16.0 E (23.0544)	1100.0	BUC
FTC	D	Fort Tejon ..... Kern County, California, U.S.A. 19521121-19700930; reopened 197608.	34 52 24.0 N (34.8733)	118 53 36.0 W (118.8933)	990.0	PAS
FTM	RD	Fortuna Mine ..... Arizona, U.S.A. opened 197507.	32 33 17.4 N (32.5548)	114 20 00.6 W (114.3335)	263.0	PAS
FTR		Fort Ross ..... Sonoma County, California, U.S.A. opened 19750122. MNLO code NFR.	38 31 21.7 N (38.5227)	123 09 39.6 W (123.1610)	528.0	MNLO
FTV	R	Front Royal ..... Virginia, U.S.A. opened 197910.	38 51 58.0 N (38.8661)	78 10 08.0 W (78.1689)	341.0	
FTW		Fairmont ..... Washington, U.S.A. opened 19750924.	47 52 36.0 N (47.8767)	122 12 05.0 W (122.2014)	147.0	SEA
FUB	C	Fube ..... Shimane, Honshu, Japan 19681215-19750501.	35 17 01.6 N (35.2838)	133 09 23.0 E (133.1564)	190.0	ERIJ
FUJ	R	Fuji-kawa ..... Yamanashi, Honshu, Japan opened 197004.	35 13 52.3 N (35.2312)	138 28 17.5 E (138.4715)	140.0	ERIJ
FUK		Fukui ..... Fukui, Honshu, Japan closed 194507; moved and reopened 194705; moved 194801.	36 03 12.0 N (36.0533)	136 13 36.0 E (136.2267)	9.0	JMA
FUL		Funchal ..... Madeira Islands, Portugal opened 19731207.	32 38 .. N (32.6333)	16 54 .. W (16.9000)	58.0	INMG
FUN		Kawaguchi-ko (Funatsu) ..... Yamanashi, Honshu, Japan	35 29 54.0 N (35.4983)	138 45 48.0 E (138.7633)	860.0	JMA
FUQ		Fuquene ..... Colombia opened 195712.	5 28 12.0 N (5.4700)	73 44 17.0 W (73.7381)	2580.0	BOG
FUR		Fuerstendbruck ..... Bayern, Fed. Rep. of Germany opened 1959.	48 09 55.8 N (48.1655)	11 16 34.8 E (11.2763)	565.0	FUR
(FUR)		see international code FURD				
FURD	R	Furusato ..... Kagoshima, Kyushu, Japan opened 1976. DRI code FUR.	31 33 39.0 N (31.5608)	130 39 41.0 E (130.6614)	360.0	DRI
FUT	R	Futotsui ..... Akita, Honshu, Japan opened 19671229.	40 08 48.0 N (40.1467)	140 13 00.0 E (140.2167)	140.0	TOH
FVM		French Village ..... Missouri, U.S.A. opened 19720901.	37 59 02.4 N (37.9840)	90 25 33.6 W (90.4260)	310.0	SLM WWSS USTN
FWS		Furtwangen (Schwarzwald) ..... Baden-Wuerttemberg, Fed. Rep. of Germany opened 19690301.	48 03 10.8 N (48.0530)	8 11 51.3 E (8.1976)	925.0	KRW
FY1		Fort Yukon ..... Northern Alaska, Alaska, U.S.A. opened 197509.	67 16 00.0 N (67.2667)	148 58 10.2 W (148.9695)	939.0	GIA
FY2		Fort Yukon ..... Northern Alaska, Alaska, U.S.A. opened 197509.	67 07 28.2 N (67.1245)	147 05 49.8 W (147.0972)	671.0	GIA
FY3	C	Fort Yukon ..... Northern Alaska, Alaska, U.S.A. opened 197509.	68 08 49.8 N (68.1472)	145 42 00.0 W (145.7000)	1439.0	GIA
FY4	C	Fort Yukon ..... Northern Alaska, Alaska, U.S.A. opened 197509.	67 27 12.0 N (67.4533)	146 12 35.0 W (146.2097)	792.0	GIA
FY5		Fort Yukon ..... Northern Alaska, Alaska, U.S.A. opened 197509.	67 08 24.0 N (67.1400)	143 15 00.0 W (143.2500)	558.0	GIA
FYU		Fort Yukon ..... Northern Alaska, Alaska, U.S.A. opened 19720209.	66 33 37.8 N (66.5605)	145 13 36.0 W (145.2267)	137.0	GIA
GA-TX	C	Grand Saline ..... Texas, U.S.A. 19700323-19700811	32 39 25.0 N (32.6569)	95 42 16.0 W (95.7044)	-86.0	LRSB
GA2TX	C	Grand Saline ..... Texas, U.S.A. 19681025-19690423; 19700323-19700811	32 39 29.0 N (32.6581)	95 42 13.0 W (95.7036)	119.0	LRSB
GA3TX	C	Grand Saline ..... Texas, U.S.A. 19711001-19711110	32 39 35.0 N (32.6597)	95 42 13.0 W (95.7036)	-94.0	LRSB

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Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
GAB	C Gabbs ..... Nevada, U.S.A.	38 58 30.6 N (38.9752)	117 54 48.0 W (117.9133)	...	
GAC	D Glen Almond ..... Quebec, Canada opened 19791026.	45 42 11.9 N (45.7033)	75 28 41.9 W (75.4783)	62.0	ECTN
GAF	R Gafsa ..... Tunisia opened 1976.	34 25 ... N (34.4167)	8 48 ... E (8.8000)	314.0	SBS
(GAF)	see international code GAFM				
GAFM	C Point Arena AFB ..... Mendocino County, California, U.S.A. 19750122-198204. MNLO code GAF.	38 53 35.5 N (38.8932)	123 32 16.8 W (123.5380)	710.0	MNLO
GAI	Gainesville (University of Florida) ..... Florida, U.S.A. opened 197710.	29 38 45.0 N (29.6458)	82 20 22.0 W (82.3394)	50.0	
GAL	Galerazamba ..... Colombia opened 194904.	10 47 08.0 N (10.7856)	75 15 44.0 W (75.2622)	21.0	BOG
(GAL)	see international code GALC				
GALC	R Galileo ..... Kern County, California, U.S.A. opened 198105. PAS code GAL.	35 12 49.2 N (35.2137)	117 45 16.8 W (117.7547)	980.0	PAS
GAMAX	F (keyword for telegraphic format)				
GAN	C Gretna ..... Nebraska, U.S.A. 19771213-19791030.	41 01 17.0 N (41.0214)	96 14 49.0 W (96.2469)	335.0	
GAP	Garmisch-Partenkirchen ..... Bayern, Fed. Rep. of Germany opened 197306.	47 28 36.0 N (47.4767)	11 03 52.0 E (11.0644)	725.0	FUR
GAR	D Garm ..... Tajik S.S.R., U.S.S.R. IDA 197609-198012.	39 00 ... N (39.0000)	70 19 ... E (70.3167)	1300.0	MOS IDA
GARN	Garrison ..... New York, U.S.A.	41 21 37.2 N (41.3603)	73 55 26.4 W (73.9240)	207.0	BLMY
GAS	Alder Springs ..... Glenn County, California, U.S.A. USTN opened 19850410.	39 39 17.4 N (39.6548)	122 42 54.6 W (122.7152)	1219.0	CDWR USTN
GAU	Ngau Island ..... Fiji opened 197805.	18 04 54.1 S (18.0817)	179 19 46.6 E (179.3296)	286.0	SVA
(GAU)	see international code GAUS				
GAUS	R Gyaurs ..... Turkmen S.S.R., U.S.S.R. MOS code GAU.	38 00 ... N (38.0000)	58 42 ... E (58.7000)	...	MOSR
GAV	D Glen Avon ..... Riverside County, California, U.S.A. opened 197601.	34 01 21.0 N (34.0225)	117 30 44.4 W (117.5123)	289.0	PAS
(GAX)	see international code GAXM				
GAXM	Alexander Valley ..... Sanama County, California, U.S.A. opened 19730921. MNLO code GAX.	38 42 38.9 N (38.7108)	122 45 18.0 W (122.7550)	379.0	MNLO
GAY	C Galvasay ..... Tajik S.S.R., U.S.S.R.	41 32 ... N (41.5333)	69 54 ... E (69.9000)	...	
GB-NM	C Gasbuggy ..... New Mexico, U.S.A. 19770529-?	36 41 13.0 N (36.6869)	107 13 34.0 W (107.2261)	2164.0	LRSM
GB01	Guatemala Basin O.B.S. 1 ..... Guatemala Basin, North Pacific Ocean opened 1976? HIG code OBS169.	3 59 53.0 N (3.9981)	91 59 53.0 W (91.9981)	-2893.0	HIG
GB02	Guatemala Basin O.B.S. 2 ..... Guatemala Basin, North Pacific Ocean opened 1976? HIG code OBS170.	6 33 25.0 N (6.5569)	93 33 07.0 W (93.5519)	-3580.0	HIG
GB03	Guatemala Basin O.B.S. 3 ..... Guatemala Basin, North Pacific Ocean opened 1976? HIG code OBS171.	7 50 17.0 N (7.8381)	94 23 13.0 W (94.3869)	-3730.0	HIG
GB04	Guatemala Basin O.B.S. 4 ..... Guatemala Basin, North Pacific Ocean opened 1976? HIG code OBS173.	12 44 24.0 N (12.7400)	91 00 58.0 W (91.0161)	-5260.0	HIG
GB05	Guatemala Basin O.B.S. 5 ..... Guatemala Basin, North Pacific Ocean opened 1976? HIG code OBS174.	12 39 07.0 N (12.6519)	90 56 56.0 W (90.9489)	-6010.0	HIG
GB06	Guatemala Basin O.B.S. 6 ..... Guatemala Basin, North Pacific Ocean opened 1976? HIG code OBS175.	12 41 38.0 N (12.6939)	90 51 07.0 W (90.8519)	-5260.0	HIG
GB07	Guatemala Basin O.B.S. 7 ..... Guatemala Basin, North Pacific Ocean opened 1976? HIG code OBS176.	12 47 28.0 N (12.7911)	90 54 43.0 W (90.9119)	-4460.0	HIG
GB08	Guatemala Basin O.B.S. 8 ..... Guatemala Basin, North Pacific Ocean opened 1976? HIG code OBS177.	12 43 01.0 N (12.7169)	90 56 13.0 W (90.9369)	-5465.0	HIG
GBA	D Gauribidanur Array ..... Karnataka, India opened 1965. also sent to NEIS by BKN.	13 36 15.0 N (13.6042)	77 26 10.0 E (77.4361)	...	
GBC	C Guantanamo Bay ..... Cuba	19 54 ... N (19.9000)	75 09 ... W (75.1500)	...	
GBD	R Granbergs Dal ..... Sweden opened 198001	59 27 25.2 N (59.4570)	14 33 14.4 E (14.5540)	150.0	HFS
(GBD)	see international code GBDM				

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
GBDM	Big Darby ..... Mendocino County, California, U.S.A. MNLO code GBD.	39 26 31.2 N (39.4420)	123 18 33.0 W (123.3092)	655.0	MNLO
GBF	C Grand Ballan ..... Alsace, France	47 54 09.7 N (47.9027)	7 05 56.4 E ( 7.0990)	...	
GBG	Greensboro ..... Georgia, U.S.A. opened 197802.	33 29 54.7 N (33.4985)	83 12 40.3 W ( 83.2112)	173.0	ATL
(GBG)	see international code GBGM				
GBGM	Baggs Mountain ..... Lake County, California, U.S.A. opened 19750626. MNLO code GBG.	38 48 50.4 N (38.8140)	122 40 45.5 W (122.6793)	1125.0	MNLO
GBI	Big Grassy Butte ..... Idaho, U.S.A.	43 59 15.0 N (43.9875)	112 03 48.0 W (112.0633)	1561.0	USGS
GBL	Gable Mountain ..... Washington, U.S.A. opened 196903.	46 35 51.6 N (46.5977)	119 27 35.4 W (119.4598)	330.0	SEA
GBM	C Granite Butte ..... Montana, U.S.A. 19741009-19761004.	46 51 33.5 N (46.8593)	112 27 21.4 W (112.4559)	2237.0	MSO
GBN	R Guysborough ..... Nova Scotia, Canada opened 19830503.	45 24 25.2 N (45.4070)	61 30 46.8 W ( 61.5130)	38.0	OTTR
GBO	C Fort Gibson ..... Oklahoma, U.S.A. 19790719-19841230.	35 51 09.3 N (35.8526)	95 11 03.5 W ( 95.1843)	302.0	TUL
(GBO)	see international code GBOM				
GBOM	Black Oak ..... Sonoma County, California, U.S.A. opened 19750620. MNLO code GBO.	38 49 27.5 N (38.8243)	122 50 34.1 W (122.8428)	879.0	MNLO
GBR	Grand-Bara ..... Djibouti opened 19810504	11 09 07.2 N (11.1520)	42 27 46.8 E ( 42.4630)	625.0	ARO
GBT	U Gilbert ..... Nevada, U.S.A. 197607-197707.	38 09 46.8 N (38.1630)	117 41 03.4 W (117.6843)	2137.0	REN
GBTN	Greenback ..... Tennessee, U.S.A. opened 19830323.	35 39 57.6 N (35.6660)	84 12 39.6 W ( 84.2110)	326.0	TEIC
GBV	Green Bank ..... West Virginia, U.S.A. opened 19761115.	38 25 47.9 N (38.4300)	79 50 37.8 W ( 79.8438)	826.0	
GBY	Granite Bay ..... Kenai Peninsula, Alaska, U.S.A. opened 19850712.	60 25 55.8 N (60.4322)	147 58 42.0 W (147.9783)	495.0	AGS
GBZ	Great Barrier ..... North Island, New Zealand opened 19671014.	36 13 04.0 S (36.2178)	175 28 52.0 E (175.4811)	70.0	WEL
GC-	(Alternate Abbreviation for GC-WA)				
GC-WA	C Glacier Peak ..... Washington, U.S.A. 19621108-19621212.	48 09 44.0 N (48.1622)	121 16 56.0 W (121.2822)	671.0	LRSN
GCA	Glen Canyon ..... Arizona, U.S.A. opened 196008.	36 58 25.0 N (36.9736)	111 35 35.0 W (111.5931)	1339.0	NEIS USTN
(GCB)	see international code GCBM				
GCBM	Chamberlain Ridge ..... Mendocino County, California, U.S.A. MNLO code GCB.	39 23 01.8 N (39.3838)	123 31 16.8 W (123.5213)	560.0	MNLO
GCC	Granite Creek ..... Santa Cruz County, California, U.S.A. opened 196502.	37 01 48.0 N (37.0300)	121 59 48.0 W (121.9967)	122.0	BRK
GCG	Guatemala City ..... Guatemala opened 1925.	14 35 10.2 N (14.5862)	90 31 58.2 W ( 90.5328)	1502.0	GCG
GCM	Grand Cayman ..... Cayman Islands opened 198411. Also sent to NEIS by TRN.	19 17 23.1 N (19.2897)	81 22 53.1 W ( 81.3814)	3.0	
(GCM)	see international code GCMM				
GCMM	Cabb Mountain ..... Sonoma County, California, U.S.A. opened 19750423. MNLO code GCM.	38 48 20.9 N (38.8058)	122 45 18.7 W (122.7552)	1286.0	MNLO
GCR	Grayling Creek ..... Montana, U.S.A. opened 197301. MNLO code YPGC.	44 47 46.2 N (44.7962)	111 06 23.4 W (111.1065)	2075.0	MNLO
(GCR)	see international code GCRM				
GCRM	Castle Rock Ridge ..... Lake County, California, U.S.A. MNLO code GCR.	38 46 25.8 N (38.7738)	122 42 59.4 W (122.7165)	731.0	MNLO
(GCV)	see international code GCVN				
GCVN	Claverdale ..... Sonoma County, California, U.S.A. opened 19750507. MNLO code GCV.	38 46 08.4 N (38.7690)	123 00 53.3 W (123.0148)	150.0	MNLO
GCW	C Grand Coulee ..... Washington, U.S.A. 1941-1949.	47 56 29.0 N (47.9414)	118 58 48.0 W (118.9800)	462.0	NEIS
(GCW)	see international code GCWM				
GCWM	Caw Mountain ..... Solana County, California, U.S.A. MNLO code GCW.	39 07 51.0 N (39.1308)	123 04 33.0 W (123.0758)	1089.0	MNLO

CODES

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
GCY	Glen Cove ..... New York, U.S.A. opened 196502.	40 51 30.0 N (40.8583)	73 37 48.0 W ( 73.6300)	43.0	
GD-	(Alternate Abbreviation for GD-VA)				
GD-VA	C Grundy ..... Virginia, U.S.A. 19620721-19621005.	37 23 34.0 N (37.3928)	81 58 40.0 W ( 81.9778)	366.0	LRSM
(GDC)	see international code GDCM				
GDCM	Dry Creek ..... Sonoma County, California, U.S.A. opened 19750507. MNLO code GDC.	38 46 01.9 N (38.7672)	123 14 22.2 W (123.2395)	772.0	MNLO
GDH	D Godhavn ..... Greenland WWSS opened 19621102. DWSS opened 19820826.	69 15 .. N (69.2500)	53 32 .. W ( 53.5333)	23.0	COP DWSS WWSS
GDR	Gold River ..... British Columbia, Canada opened 19780428.	49 46 51.6 N (49.7810)	126 03 05.4 W (126.0515)	10.0	OTTR
(GDX)	see international code GDXM				
GDXM	Geysers ..... Sonoma County, California, U.S.A. MNLO code GDX.	38 48 27.6 N (38.8077)	122 47 37.8 W (122.7938)	931.0	MNLO
GE-	(Alternate Abbreviation for GE-AZ)				
GE-AZ	C Globe ..... Arizona, U.S.A. 19640409-19651004.	33 46 32.0 N (33.7756)	110 31 41.0 W (110.5281)	1475.0	LRSM
GEB	R Gebze ..... Turkey Opened 197912.	40 49 07.0 N (40.8186)	29 25 19.9 E ( 29.4222)	240.0	
GED	C Gedeh ..... Jawa, Indonesia	7 50 .. S ( 7.8333)	113 50 .. E (113.8333)	...	
GEE	C Geehi ..... New South Wales, Australia 1958-1968.	36 25 11.0 S (36.4197)	148 10 57.0 E (148.1825)	480.0	CAN
GEG	Gegechkori ..... Georgian S.S.R., U.S.S.R.	42 21 .. N (42.3500)	42 23 .. E ( 42.3833)	180.0	TIF
GEN	Genoa (Genova) ..... Liguria, Italy Sent to NEIS by ROM.	44 25 05.2 N (44.4181)	8 55 48.2 E ( 8.9301)	53.0	GEN
(GEN)	see international code GENH				
GENH	R Gento-Ana ..... Iburi, Hokkaido, Japan opened 19770812. HSS code GEN.	42 33 04.6 N (42.5513)	140 51 11.4 E (140.8532)	150.0	HSS
GEO	Georgetown ..... District of Columbia, U.S.A. opened 1911. WWSS opened 19611207.	38 54 .. N (38.9000)	77 04 .. W ( 77.0667)	29.0	WWSS
GEOT	F Teledyne Geotech Corporation, Garland, Texas				
GERM	Germon town ..... New York, U.S.A.	42 09 25.2 N (42.1570)	73 48 40.8 W ( 73.8113)	88.0	BLMY
GET	C Ganen ..... Turkey closed 198403.	40 06 30.0 N (40.1083)	27 34 00.0 E ( 27.5667)	590.0	ISK
GF-	(Alternate Abbreviation for GF-NV)				
GF-NV	C Goldfield ..... Nevada, U.S.A. 19630208-19630329.	37 55 03.0 N (37.9175)	117 12 06.0 W (117.2017)	1707.0	LRSM
GFM	Grandfather Mountain ..... North Carolina, U.S.A. opened 19820527.	36 06 39.6 N (36.1110)	81 48 25.2 W ( 81.8070)	1726.0	TEIC USTN
GFN	C Grafton ..... New York, U.S.A. 197110-19760728.	42 47 34.2 N (42.7928)	73 24 55.2 W ( 73.4153)	518.0	PAL
(GFT)	see international code GFTM				
GFTM	Plant 15--Mercuryville ..... Sonoma County, California, U.S.A. MNLO code GFT.	38 47 34.8 N (38.7930)	122 50 02.4 W (122.8340)	755.0	MNLO
GG-	(Alternate Abbreviation for GG-GR)				
GG-GR	C Graefenberg ..... Bayern, Fed. Rep. of Germany 19630820-19650302.	49 41 32.0 N (49.6922)	11 12 55.0 E ( 11.2153)	525.0	LRSM
GGC	..... Canary Islands, Spain	28 07 18.0 N (28.1217)	15 38 12.0 W ( 15.6367)	...	MDD
GGF	C Granges-Gontardes ..... Languedoc, France	44 22 .. N (44.3667)	4 46 .. E ( 4.7667)	110.0	
(GGL)	see international code GGLM				
GGLM	Glenview ..... Lake County, California, U.S.A. opened 19750418. MNLO code GGL.	38 53 48.1 N (38.8967)	122 46 34.7 W (122.7763)	893.0	MNLO
GGN	D Saint George ..... New Brunswick, Canada opened 19811028.	45 07 12.0 N (45.1200)	66 49 12.0 W ( 66.8200)	30.0	ECTN
(GGP)	see international code GGPM				
GGPM	Geyser Peak ..... Sonoma County, California, U.S.A. opened 19750418. MNLO code GGP.	38 45 52.9 N (38.7647)	122 50 39.1 W (122.8442)	1054.0	MNLO
GGV	C Gabriel Gonzalez Videla ..... Antarctic Peninsula, Antarctica 196105-before 1966.	64 49 11.8 S (64.8199)	62 51 48.0 W ( 62.8633)	...	SAN
GH-MS	C Greenville ..... Mississippi, U.S.A. 19690822-19691010	33 19 45.0 N (33.3292)	91 02 07.0 W ( 91.0353)	30.0	LRSM



## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
GHA	Gloshutten ..... Austria	47 27 45.0 N (47.4625)	16 23 17.0 E ( 16.3881)	500.0	VIE
GHC	Gold Hill ..... Monterey County, California, U.S.A. opened 19680321. MNLO code PGH.	35 49 51.6 N (35.8310)	120 21 10.2 W (120.3528)	433.0	MNLO
(GHC)	see international code GHCM				
GHCM	House Creek ..... Sonoma County, California, U.S.A. opened 19750507. MNLO code GHC.	38 36 21.6 N (38.6060)	123 11 48.5 W (123.1968)	518.0	MNLO
(GHG)	see international code GHGM				
GHGM	Hog Mountain ..... Lake County, California, U.S.A. opened 19750418. MNLO code GHG.	39 07 41.9 N (39.1283)	122 49 28.2 W (122.8245)	903.0	MNLO
GHI	C Gilbert Hill ..... Idaho, U.S.A. 197110-19760114.	46 28 12.6 N (46.4702)	116 19 08.4 W (116.3190)	920.0	MSO
(GHL)	see international code GHLM				
GHLM	Highland Springs ..... Lake County, California, U.S.A. opened 197506. MNLO code GHL.	39 02 25.8 N (39.0405)	123 01 07.3 W (123.0187)	956.0	MNLO
(GHM)	see international code GHMM				
GHMM	Hull Mountain ..... Lake County, California, U.S.A. MNLO code GHM.	39 27 44.4 N (39.4623)	122 55 48.0 W (122.9300)	1486.0	MNLO
GHO	Glory Hole Creek ..... Central Alaska, Alaska, U.S.A. opened 19840911.	61 46 19.8 N (61.7722)	148 55 27.0 W (148.9242)	1021.0	AGS
GHS	Gilroy Hot Springs ..... Santa Clara County, California, U.S.A. opened 19710903. MNLO code HGS.	37 05 45.0 N (37.0958)	121 26 49.8 W (121.4472)	778.0	MNLO
GHV	Goochland ..... Virginia, U.S.A. opened 197810.	37 47 39.0 N (37.7942)	78 06 26.4 W ( 78.1073)	107.0	BLA
GHW	Garrison Hill ..... Washington, U.S.A. opened 19750924.	47 02 30.0 N (47.0417)	122 16 21.0 W (122.2725)	268.0	SEA
GI-	(Alternate Abbreviation for GI-MA)				
GI-MA	C Glendive ..... Montana, U.S.A. 19630817-19640805.	47 11 34.0 N (47.1928)	104 13 10.0 W (104.2194)	732.0	LRSM
GIA	C Geophysical Institute, Univ. of Alaska (College) . Central Alaska, Alaska, U.S.A. 196906-197101.	64 51 36.0 N (64.8600)	147 50 06.0 W (147.8350)	158.0	GIA
GIB	Gibilmanna ..... Sicily, Italy reopened 1976?	37 59 .. N (37.9833)	14 01 .. E ( 14.0167)	990.0	ROM
GIE	Galapagos Islands ..... Galapagos Islands, Ecuador opened 1960. WWSS opened 19640428.	0 44 .. S ( 0.7333)	90 18 .. W ( 90.3000)	30.0	WWSS
GIF	Gifu ..... Gifu, Honshu, Japan	35 23 54.0 N (35.3983)	136 45 54.0 E (136.7650)	14.0	JMA
GIL	C Gilmore Creek ..... Central Alaska, Alaska, U.S.A. opened 19671013.	64 58 30.0 N (64.9750)	147 29 42.0 W (147.4950)	350.0	PMR
(GIL)	see international code GILR				
GILB	Gilboa ..... New York, U.S.A.	42 25 22.8 N (42.4230)	74 27 09.6 W ( 74.4527)	335.0	BLMY
GILR	U Gillis ..... Nevado, U.S.A. 197407-197507. REN code GIL.	38 43 52.7 N (38.7313)	118 32 04.9 W (118.5347)	1676.0	REN
GIN	Stromboli-Ginostra ..... Lipari Islands, Italy	38 47 23.0 N (38.7897)	15 11 27.0 E ( 15.1908)	125.0	LLI
GIP	Gileppe ..... Belgium	50 35 32.0 N (50.5922)	5 58 27.0 E ( 5.9742)	...	UCC
GIS	C Gissar ..... Tajik S.S.R., U.S.S.R.	38 28 .. N (38.4667)	68 34 .. E ( 68.5667)	...	
GIZ	Gizo ..... Solomon Islands closed 1971; reopened 19760728.	8 05 55.0 S ( 8.0986)	156 50 30.0 E (156.8417)	20.0	HNR
GKA	C Goraka ..... New Guinea, Papua New Guinea 19700314-19721122.	6 03 30.0 S ( 6.0583)	145 23 30.0 E (145.3917)	1634.0	PMG
GKC	Gold King Creek ..... Central Alaska, Alaska, U.S.A. opened 197607.	64 10 43.2 N (64.1787)	147 56 04.8 W (147.9347)	490.0	GIA
GL-	(Alternate Abbreviation for GL-TX)				
GL-TX	C Garland ..... Texas, U.S.A. 19680119-19680119.	32 58 20.0 N (32.9722)	96 38 06.0 W ( 96.6350)	168.0	LRSM
GLA	D Glamis ..... Imperial County, California, U.S.A. opened 19661220.	33 03 09.0 N (33.0525)	114 49 35.4 W (114.8265)	627.0	PAS USTN
GLB	Gilohino Butte ..... Central Alaska, Alaska, U.S.A. opened 19730825.	61 26 30.6 N (61.4418)	143 48 37.8 W (143.8105)	845.0	AGS
GLC	C Glacier Island ..... Central Alaska, Alaska, U.S.A. 19720724-19840917.	60 53 26.4 N (60.8907)	147 04 21.0 W (147.0725)	3.0	AGS

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
GLD		Golden ..... Colorado, U.S.A. opened 1974.	39 45 02.0 N (39.7506)	105 13 17.0 W (105.2214)	1762.0	NEIS USTN
GLE	C	Glenmuick ..... South Island, New Zealand closed about 1935.	42 54 .. S (42.9000)	173 09 .. E (173.1500)	75.0	WEL
GLI		Glacier Island ..... Central Alaska, Alaska, U.S.A. opened 19840918.	60 52 46.8 N (60.8797)	147 05 39.0 W (147.0942)	429.0	AGS
GLM		Gilmore Dame ..... Central Alaska, Alaska, U.S.A. opened 196808.	64 59 14.4 N (64.9873)	147 23 20.4 W (147.3890)	820.0	GIA
GLN		(Alternate Abbreviation for GLM)				
GLO		Gloucester ..... Massachusetts, U.S.A. opened 197508.	42 38 25.0 N (42.6403)	70 43 38.0 W ( 70.7272)	15.0	CAM
GLOV		Gloversville ..... New York, U.S.A.	43 05 22.2 N (43.0895)	74 19 55.2 W ( 74.3320)	292.0	BLMY
GLP		(Alternate Abbreviation for GPA)				
GLR		Groom Lake Road ..... Nevada, U.S.A. opened 19751120.	37 11 58.0 N (37.1994)	116 01 04.0 W (116.0178)	1435.0	USGS USTN
GLS	C	Giles ..... Western Australia, Australia 197410-19780411.	25 02 07.0 S (25.0353)	128 17 44.0 E (128.2956)	600.0	AUST
GLT		Gollatin ..... Tennessee, U.S.A. opened 19811110.	36 21 42.0 N (36.3617)	86 29 54.0 W ( 86.4983)	159.0	TEIC
GM-		(Alternate Abbreviation for GM-CU)				
GM-CU	C	Guantanamo ..... Cuba 19631119-19640303.	19 58 01.0 N (19.9669)	75 05 14.0 W ( 75.0872)	16.0	LRSM
GMA	C	Granite Mountain ..... Western Alaska, Alaska, U.S.A. opened 19700917.	65 25 43.2 N (65.4287)	161 13 55.2 W (161.2320)	860.0	PMR
GMC	R	Mocagua ..... Venezuela	...	...	...	GUV
(GMC)		see international code GMCM				
GMCM		McLaughlin Ranch ..... Sonoma County, California, U.S.A. opened 19750507. MNLO code GMC.	38 47 33.7 N (38.7927)	123 07 48.0 W (123.1300)	439.0	MNLO
GMI	C	Gornes Mountain ..... Idaho, U.S.A. 197406-19800724.	43 42 23.4 N (43.7065)	111 20 33.0 W (111.3425)	2630.0	USGS
(GMK)		see international code GMKM				
GMKM		Mount Konactoi ..... Lake County, California, U.S.A. opened 19750418. MNLO code GMK.	38 58 10.2 N (38.9695)	122 47 13.2 W (122.7870)	906.0	MNLO
GMN		Gold Mountain ..... Nevada, U.S.A. opened 19790713.	37 18 01.0 N (37.3003)	117 15 35.0 W (117.2597)	2155.0	USGS
(GMO)		see international code GMDM				
GMDM		Moffitt Ranch ..... Sonoma County, California, U.S.A. opened 19750507. MNLO code GMO.	38 42 36.7 N (38.7102)	123 08 35.5 W (123.1432)	802.0	MNLO
GMR		Groom Range ..... Nevada, U.S.A. opened 19790123.	37 20 02.0 N (37.3339)	115 46 16.0 W (115.7711)	1580.0	USGS
GMTN		Gorret Mountain ..... New Jersey, U.S.A. opened 19780425. PAL 19780425-198009.	40 52 57.0 N (40.8825)	74 11 04.2 W ( 74.1845)	165.0	PAL
GMU		Granite Mountain ..... Salt Lake County, Utah, U.S.A. opened 197008.	40 34 31.9 N (40.5755)	111 45 47.3 W (111.7631)	1829.0	SLC
GMV	R	El Manteco ..... Venezuela	7 21 20.7 N ( 7.3558)	62 32 25.3 W ( 62.5404)	248.0	GUV
GMW		Gold Mountain ..... Washington, U.S.A. opened 19700227.	47 32 52.5 N (47.5479)	122 47 10.8 W (122.7863)	506.0	SEA USTN
GN-		(Alternate Abbreviation for GN-NM)				
GN-NM	C	Gnome ..... New Mexico, U.S.A. 19620108-19620215.	32 15 45.0 N (32.2625)	103 51 25.0 W (103.8569)	1036.0	LRSM
GNB	R	Guaraci Nunes ..... Amapa, Brazil	...	...	...	BDF
GNF		Goodnow Flow ..... New York, U.S.A. opened 198310.	43 54 54.6 N (43.9152)	74 13 48.6 W ( 74.2302)	...	PAL
GNG		Grange ..... Tobago, Trinidad and Tobago	11 10 37.2 N (11.1770)	60 47 52.8 W ( 60.7980)	36.0	TRN
GNK	R	Gonki ..... Aomori, Honshu, Japan opened 197212.	40 43 55.8 N (40.7322)	140 20 11.7 E (140.3366)	100.0	HRS
GNM		Golden ..... New Mexico, U.S.A. opened 197601.	35 14 58.5 N (35.2496)	106 11 33.5 W (106.1926)	2417.0	NEIS
GNN		Gunnerudssaetern ..... Sweden opened 196901.	60 08 01.0 N (60.1336)	13 41 44.0 E ( 13.6956)	265.0	HFS

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
GNO	Genoa ..... Nevada, U.S.A. opened 197802.	38 55 45.1 N (38.9292)	119 51 10.1 W (119.8528)	1646.0	REN
GNT	D Gentilly ..... Quebec, Canada opened 19780406.	46 21 46.0 N (46.3628)	72 22 20.0 W ( 72.3722)	10.0	ECTN
GNZ	Gisborne ..... North Island, New Zealand opened 196307.	38 38 39.0 S (38.6442)	178 01 21.0 E (178.0225)	30.0	WEL
GO-	(Alternate Abbreviation for GO-NB)				
GO-NB	C Gordon ..... Nebraska, U.S.A. 19621228-19630321.	42 37 58.0 N (42.6328)	102 16 26.0 W (102.2739)	1097.0	LRSM
GOA	Goa (Panjim) ..... Goa, Daman and Diu, India opened 19640606.	15 29 .. N (15.4833)	73 49 .. E ( 73.8167)	58.0	NDI
GOB	R Galiano Island ..... British Columbia, Canada opened 19811111.	49 00 44.0 N (49.0122)	123 35 00.0 W (123.5833)	10.0	OTTR
GOBY	R Gobbelet ..... New York, U.S.A. opened 19751001.	41 19 46.0 N (41.3294)	73 55 19.0 W ( 73.9219)	150.0	BLMY
GOC	Griffith Observatory ..... Los Angeles County, California, U.S.A. opened 196506.	34 06 46.8 N (34.1130)	118 18 06.0 W (118.3017)	347.0	
GOIL	Rosebud ..... Illinois, U.S.A. (37.2900)	37 17 24.0 N (37.2900)	88 34 48.0 W ( 88.5800)	165.0	SLM
GOL	Golden (Bergen Park) ..... Colorado, U.S.A. opened 19611221.	39 42 01.0 N (39.7003)	105 22 16.0 W (105.3711)	2359.0	GOL WWSS USTN
GON	R Gangen ..... Kagoshima, Kyushu, Japan opened 1975.	31 34 57.0 N (31.5825)	130 41 09.0 E (130.6858)	270.0	DRI
GOR	Gori ..... Georgian S.S.R., U.S.S.R. (41.9833)	41 59 .. N (41.9833)	44 07 .. E ( 44.1167)	610.0	TIF
GOT	C Goteborg ..... Sweden (57.6983)	57 41 54.0 N (57.6983)	11 58 42.0 E ( 11.9783)	66.0	UPP
GOV	C Gavalkot ..... Maharashtra, India 19641022-?	17 32 24.0 N (17.5400)	73 29 18.0 E ( 73.4883)	1.0	NDI
GOY	C Gornyy ..... Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R. (44.9167)	44 55 .. N (44.9167)	147 34 .. E (147.5667)	...	
GOZ	C Gozaisho ..... Mie, Honshu, Japan 196310-196512.	35 00 55.0 N (35.0153)	136 25 33.5 E (136.4260)	1150.0	ERIJ
GP-	(Alternate Abbreviation for GP-MN)				
GP-MN	C Grand Rapids ..... Minnesota, U.S.A. 19640902-19641201.	47 39 52.0 N (47.6644)	93 29 22.0 W ( 93.4894)	427.0	LRSM
GPA	Golpazari ..... Turkey opened 1970.	40 17 20.2 N (40.2889)	30 18 34.0 E ( 30.3094)	560.0	ISK
GPD	Greenpand ..... New Jersey, U.S.A. opened 197608. USTN closed.	41 01 03.8 N (41.0177)	74 27 39.0 W ( 74.4608)	360.0	PAL USTN
(GPM)	see international code GPMM				
GPMM	Pine Mountain ..... Sonoma County, California, U.S.A. opened 19730921. MNLO code GPM.	38 50 51.0 N (38.8475)	122 56 43.1 W (122.9453)	762.0	MNLO
GPV	R Virgin Gorda Peak ..... Virgin Islands opened 19790406.	18 29 30.6 N (18.4918)	64 24 12.6 W ( 64.4035)	...	PAL
GPY	R Gippayama ..... Nagano, Honshu, Japan opened 196007.	36 23 40.0 N (36.3944)	138 30 00.0 E (138.5000)	2033.0	ERIJ
GPZ	C Gebbies Pass ..... South Island, New Zealand 195611-19771031.	43 41 47.0 S (43.6964)	172 38 40.0 E (172.6444)	225.0	WEL
GR1TX	C Grit ..... Texas, U.S.A. 19670519-19670523	30 46 40.0 N (30.7778)	99 23 03.0 W ( 99.3842)	518.0	LRSM
GR2	(Alternate Abbreviation for GR2TX)				
GR2TX	C Grit ..... Texas, U.S.A. 19670519-19670523.	30 47 11.0 N (30.7864)	99 24 58.0 W ( 99.4161)	549.0	LRSM
GRA	C Graz (Steiermark) ..... Austria (47.0767)	47 04 36.0 N (47.0767)	15 26 54.0 E ( 15.4483)	369.0	
GRA1	D Graefenberg Array (Haidhof) ..... Bayern, Fed. Rep. of Germany opened 197603.	49 41 30.8 N (49.6919)	11 13 18.2 E ( 11.2217)	500.0	GRF
GRA2	D Graefenberg Array (Wildenfels) ..... Bayern, Fed. Rep. of Germany opened 197603.	49 39 18.1 N (49.6550)	11 21 35.9 E ( 11.3600)	512.0	GRF
GRA3	D Graefenberg Array (Leutzdorf) ..... Bayern, Fed. Rep. of Germany opened 197603.	49 45 44.1 N (49.7622)	11 19 09.4 E ( 11.3193)	455.0	GRF
GRA4	D Graefenberg Array (Staeppach) ..... Bayern, Fed. Rep. of Germany opened 1978.	49 33 55.8 N (49.5655)	11 26 09.3 E ( 11.4359)	503.0	GRF

CODES

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
GRA5	D Graefenberg Array ..... Bayern, Fed. Rep. of Germany	..	...	...	GRF
GRB1	D Graefenberg Array (Bruennthal) ..... Bayern, Fed. Rep. of Germany opened 1978.	49 23 32.1 N (49.3922)	11 39 13.2 E ( 11.6537)	494.0	GRF
GRB2	D Graefenberg Array (Reichertswinn) ..... Bayern, Fed. Rep. of Germany opened 1978.	49 16 16.2 N (49.2712)	11 40 08.7 E ( 11.6691)	552.0	GRF
GRB3	D Graefenberg Array (Eglhofen) ..... Bayern, Fed. Rep. of Germany opened 1978.	49 20 38.0 N (49.3439)	11 48 23.4 E ( 11.8065)	517.0	GRF
GRB4	D Graefenberg Array (Aicho) ..... Bayern, Fed. Rep. of Germany opened 1978.	49 28 07.8 N (49.4688)	11 33 41.4 E ( 11.5615)	507.0	GRF
GRB5	D Graefenberg Array (Vorderaedberg) ..... Bayern, Fed. Rep. of Germany opened 1979.	49 06 39.8 N (49.1111)	11 40 44.1 E ( 11.6789)	525.0	GRF
GRC	Garchy ..... Nivernais, France opened 19571122.	47 17 44.2 N (47.2956)	3 04 25.0 E ( 3.0736)	191.0	
GRC1	D Graefenberg Array (Eglafsdorf) ..... Bayern, Fed. Rep. of Germany opened 197909.	48 59 45.6 N (48.9960)	11 31 19.2 E ( 11.5220)	512.0	GRF
GRC2	D Graefenberg Array (Baehmfeld) ..... Bayern, Fed. Rep. of Germany	48 52 04.8 N (48.8680)	11 22 30.0 E ( 11.3750)	445.0	GRF
GRC3	D Graefenberg Array (Bettbrunn) ..... Bayern, Fed. Rep. of Germany opened 1979.	48 53 25.5 N (48.8904)	11 35 06.5 E ( 11.5851)	438.0	GRF
GRC4	D Graefenberg Array (Raitenbuch) ..... Bayern, Fed. Rep. of Germany	49 05 13.2 N (49.0870)	11 31 37.2 E ( 11.5270)	503.0	GRF
GRCI	Grant Creek ..... Idaho, U.S.A. opened 198311.	43 58 00.0 N (43.9667)	113 59 21.0 W (113.9892)	2341.0	SLC
GRE	Grenada (Saint George's) ..... Grenada opened 19521221.	12 02 49.3 N (12.0470)	61 44 45.6 W ( 61.7460)	15.0	TRN
GRF	D Graefenberg Array (Erlangen) ..... Bayern, Fed. Rep. of Germany opened 19650302.	49 41 30.8 N (49.6919)	11 13 18.2 E ( 11.2217)	500.0	GRF
GRFO	D Graefenberg ..... Bayern, Fed. Rep. of Germany opened 19781001.	49 41 32.0 N (49.6922)	11 12 55.0 E ( 11.2153)	425.0	GRF SRO
GRG	Griva ..... Greece opened 19810101.	40 57 24.0 N (40.9567)	22 24 05.0 E ( 22.4014)	560.0	THE
GRH	C Grahamstown ..... Cape Province, South Africa closed 196711.	33 18 36.0 S (33.3100)	26 34 30.0 E ( 26.5750)	558.0	PRE
GRJ	C Gorje ..... Yugoslavia	46 23 .. N (46.3833)	14 05 .. E ( 14.0833)	600.0	
GRK	C Goraka ..... New Guinea, Papua New Guinea 19680125-19700312.	6 04 32.0 S ( 6.0756)	145 23 43.0 E (145.3953)	1579.0	PMG
GRK1	C Goraka ..... New Guinea, Papua New Guinea closed 19680125.	6 04 12.0 S ( 6.0700)	145 23 39.0 E (145.3942)	1695.0	
GRM	Grahamstown ..... Cape Province, South Africa opened 19671103.	33 18 48.0 S (33.3133)	26 34 24.0 E ( 26.5733)	610.0	PRE WWSS
GRMM	R Round Mountain ..... Lake County, California, U.S.A. opened 19750626.	39 01 13.8 N (39.0205)	122 35 03.5 W (122.5843)	469.0	MNLO
GRN	Grenoble ..... Dauphine, France Opened 198002.	45 14 33.0 N (45.2425)	5 44 42.8 E ( 5.7452)	1040.0	
(GRN)	see international code GRNM				
GRN*	C Grenoble ..... Dauphine, France Closed 1960's?	45 11 .. N (45.1833)	5 42 .. E ( 5.7000)	244.0	
GRND	F (keyword for telegraphic format)				
GRNM	Rancho Navarro ..... Mendocino County, California, U.S.A. MNLO code GRN.	39 10 31.2 N (39.1753)	123 34 31.8 W (123.5755)	73.0	MNLO
GRO	Groznyy ..... Checheno-Ingushskaya ASSR, R.S.F.S.R., U.S.S.R.	43 21 .. N (43.3500)	45 41 .. E ( 45.6833)	124.0	MOS
GRP	RD Granite Pass ..... San Bernardino County, California, U.S.A. opened 197404.	34 48 15.6 N (34.8043)	115 36 16.2 W (115.6045)	1238.0	PAS
GRQ	D Grand Remous ..... Quebec, Canada opened 19810316.	46 36 24.0 N (46.6067)	75 51 36.0 W ( 75.8600)	290.0	ECTN
GRR	D Gorron ..... Normandie, France	48 23 18.0 N (48.3883)	0 51 30.0 W ( 0.8583)	220.0	LDG
GRS	Goris ..... Armenian S.S.R., U.S.S.R.	39 30 .. N (39.5000)	46 20 .. E ( 46.3333)	1550.0	MOS
GRT	Gratio ..... Tennessee, U.S.A. opened 19740628.	36 15 50.4 N (36.2640)	89 25 30.0 W ( 89.4250)	137.0	SLM USTN
(GRT)	see international code GRTM				

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
GRTM	Round Top Mountain ..... Lake County, California, U.S.A. opened 19750626. MNLO code GRT.	38 56 19.3 N (38.9387)	122 40 10.9 W (122.6697)	619.0	MNLO
GRV	C Greenville (Lake Wappapello) ..... Missouri, U.S.A. 1964-1974.	37 03 12.0 N (37.0533)	90 23 42.0 W ( 90.3950)	168.0	SLM
GRW	Mount St. Catherine ..... Grenada opened 19780409.	12 09 36.0 N (12.1600)	61 39 39.6 W ( 61.6610)	762.0	TRN
GRX	Grover ..... Nevada, U.S.A. opened 198001.	39 38 07.8 N (39.6355)	117 59 20.4 W (117.9890)	1390.0	REN
GRY	C Greymouth ..... South Island, New Zealand 1932-1942.	42 25 .. S (42.4167)	171 13 .. E (171.2167)	4.0	WEL
GS-	(Alternate Abbreviation for GS-MD)				
GS-MD	C Grantsville ..... Maryland, U.S.A.	39 37 08.0 N (39.6189)	79 11 00.0 W ( 79.1833)	762.0	LRSM
GSC	D Goldstone ..... San Bernardino County, California, U.S.A. opened 19611107. WWSS opened 19630225.	35 18 06.0 N (35.3017)	116 48 16.6 W (116.8046)	990.0	PAS WWSS
GSCY	R Girl Scout Camp ..... New York, U.S.A. opened 19750617.	41 15 58.0 N (41.2661)	74 00 14.0 W ( 74.0039)	110.0	BLMY
(GSG)	see international code GSGM				
GSGM	Seigler Mountain ..... Lake County, California, U.S.A. opened 19740702. MNLO code GSG.	38 52 00.1 N (38.8667)	122 42 36.0 W (122.7100)	...	MNLO
GSH	Grosshou ..... Nordrhein-Westfalen, Fed. Rep. of Germany opened 1981.	50 44 14.4 N (50.7373)	6 22 36.6 E ( 6.3768)	370.0	
GS1	R Gunungsitoli ..... Sumatera, Indonesia	1 18 12.0 N ( 1.3033)	97 34 32.4 E ( 97.5757)	...	DJA
GSM	Gross Mountain ..... Washington, U.S.A. opened 19700611.	47 12 11.4 N (47.2032)	121 47 40.2 W (121.7945)	1305.0	SEA
(GSM)	see international code GSMM				
GSMM	Socrates Mine ..... Sonoma County, California, U.S.A. opened 19750718. MNLO code GSM.	38 46 09.1 N (38.7692)	122 46 52.3 W (122.7812)	1017.0	MNLO
(GSN)	see international code GSNM				
GSNM	Snow Mountain ..... Mendocino County, California, U.S.A. opened 19750620. MNLO code GSN.	38 56 25.8 N (38.9405)	123 11 30.1 W (123.1917)	870.0	MNLO
GSP	C Gladstone Stream ..... South Island, New Zealand 1975-19780409.	44 08 01.0 S (44.1336)	170 01 05.0 E (170.0181)	840.0	WELP
GSO	D Grosses Roches ..... Quebec, Canada opened 19811028.	48 54 36.0 N (48.9100)	67 06 36.0 W ( 67.1100)	398.0	ECTN
GSR	Geological Survey, Reston ..... Virginia, U.S.A. opened 19750601.	38 56 52.5 N (38.9479)	77 22 10.5 W ( 77.3696)	119.0	USGS
(GSS)	see international code SKG				
GSSM	(Alternate Abbreviation for SKG)				
(GST)	see international code GSTB				
GSTB	Goldstream Park ..... British Columbia, Canada UBC code GST.	51 39 36.0 N (51.6600)	118 41 06.0 W (118.6850)	1340.0	UBC
GSTOP	F (keyword for telegraphic format)				
GSUT	C Gun Site Peak ..... Box Elder County, Utah, U.S.A. 197910-198007.	41 54 22.8 N (41.9063)	112 07 16.8 W (112.1213)	1783.0	SLC
GSZ	C Glacier Shelter ..... North Island, New Zealand 197607-198403.	39 16 40.0 S (39.2778)	175 35 14.0 E (175.5872)	2600.0	WEL
GT-	(Alternate Abbreviation for GT-PA)				
GT-PA	C Galetan ..... Pennsylvania, U.S.A. 19620531-19620628.	41 37 54.0 N (41.6317)	77 48 40.0 W ( 77.8111)	610.0	LRSM
GTA	Gaotai ..... Gansu, China (Mainland)	39 24 38.0 N (39.4106)	99 48 52.0 E ( 99.8144)	1341.0	BJI
GTD	Georgetown ..... Delaware, U.S.A. opened 19770101.	38 44 29.0 N (38.7414)	75 24 52.0 W ( 75.4144)	15.0	NED
GTN	C Gatenba ..... Shizuoka, Hanshu, Japan	35 19 .. N (35.3167)	138 56 .. E (138.9333)	...	
GTO	Geraldton ..... Ontario, Canada opened 19820930.	49 44 42.0 N (49.7450)	86 57 42.0 W ( 86.9617)	350.0	OTTR
GTP	R General Santos ..... Mindanao, Philippines	6 08 .. N ( 6.1333)	125 13 .. E (125.2167)	...	MAN
GTT	Goettingen ..... Niedersachsen, Fed. Rep. of Germany opened 1899.	51 32 47.0 N (51.5464)	9 57 51.0 E ( 9.9642)	272.0	
GTV	R Cerro Taribia ..... Venezuela	7 36 30.0 N ( 7.6083)	63 06 06.0 W ( 63.1017)	380.0	GUV
GUA	D Guam (Santa Rosa) ..... Guam, Mariana Islands opened 196304. IDA opened 197907.	13 32 18.0 N (13.5383)	144 54 42.0 E (144.9117)	230.0	NEIS WWSS IDA

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
GUD		Guadorromo ..... Spain	40 38 34.7 N (40.6430)	4 09 14.3 W ( 4.1540)	1393.0	MDD
GUM		Guadolojaro ..... Jalisco, Mexico	20 40 46.0 N (20.6794)	103 19 27.0 W (103.3242)	1567.0	UNM
GUMO	D	Guom ..... Guom, Moriano Islands opened 197508.	13 35 16.1 N (13.5878)	144 51 58.7 E (144.8663)	135.0	NEIS SRO
GUV		Guri ..... Venezuela	7 48 30.9 N ( 7.8086)	63 05 50.8 W ( 63.0974)	250.0	GUV
GUV1	R	Guri Network ..... Venezuela	7 56 51.9 N ( 7.9477)	62 51 19.3 W ( 62.8554)	410.0	GUV
GUV2	R	Guri Network ..... Venezuela	7 46 53.9 N ( 7.7816)	62 49 03.5 W ( 62.8176)	650.0	GUV
GUV3	R	Guri Network ..... Venezuela	7 36 03.3 N ( 7.6009)	62 45 40.9 W ( 62.7614)	440.0	GUV
GUV4	R	Guri Network ..... Venezuela	7 36 30.0 N ( 7.6083)	63 06 06.0 W ( 63.1017)	410.0	GUV
GUV5	R	Guri Network ..... Venezuela	7 53 39.9 N ( 7.8944)	63 12 43.3 W ( 63.2120)	410.0	GUV
GV-		(Alternate Abbreviation for GV-TX)				
GV-TX	C	Grapevine ..... Texas, U.S.A. 19620602-19651231.	32 53 09.0 N (32.8858)	96 59 54.0 W ( 96.9983)	152.0	LRSB
GVI		Bel Guvrin ..... Israel opened 198304.	31 37 55.2 N (31.6320)	34 54 32.4 E ( 34.9090)	150.0	JER
GVL		Greenville ..... Victoria, Australia opened 197601.	37 37 06.0 S (37.6183)	144 54 00.0 E (144.9000)	185.0	
GVN		Grapevine ..... Inya County, California, U.S.A. opened 19781128.	37 00 05.0 N (37.0014)	117 20 33.0 W (117.3425)	865.0	USGS
GVR		Green Valley Road ..... Napa County, California, U.S.A. opened 19710430. MNLO code NGV.	38 16 50.4 N (38.2807)	122 12 53.4 W (122.2148)	257.0	MNLO
GVS	C	Graniteville ..... South Carolina, U.S.A. 19740520-19760809.	33 35 49.2 N (33.5970)	81 51 10.1 W ( 81.8528)	100.0	USGS
GWC	C	Great Whale River ..... Quebec, Canada 19650927-19720901.	55 17 30.0 N (55.2917)	77 45 12.0 W ( 77.7533)	8.0	OTT
GWF		Grand Wintersberg ..... Alsace, France opened 198008.	48 58 39.0 N (48.9775)	7 37 19.0 E ( 7.6219)	580.0	STR
GWH	R	Guwahati ..... Assam, India opened 198212.	26 06 .. N (26.1000)	91 28 .. E ( 91.4667)	...	JHI
GWJ		Greenwich ..... Jamaica	18 04 30.0 N (18.0750)	76 44 16.8 W ( 76.7380)	1200.0	TRN
(GWK)		see international code GWKM				
GWKM		Walker Ridge ..... Lake County, California, U.S.A. MNLO code GWK.	39 03 07.2 N (39.0520)	122 29 27.6 W (122.4910)	841.0	MNLO
(GWR)		see international code GWRM				
GWRM		Wonder Ranch ..... Mendocino County, California, U.S.A. MNLO code GWR.	39 12 25.8 N (39.2072)	123 17 59.4 W (123.2998)	658.0	MNLO
GWV		Greenwater Valley ..... Inya County, California, U.S.A. opened 19780724.	36 11 12.0 N (36.1867)	116 40 14.0 W (116.6706)	1540.0	USGS
GY-		(Alternate Abbreviation for GY-MN)				
GY-MN	C	Gaylord ..... Minnesota, U.S.A. 19620705-19620711.	44 30 17.0 N (44.5047)	94 03 17.0 W ( 94.0547)	305.0	LRSB
GYA		Guiyang (Kweiyang) ..... Guizhou, China (Mainland)	26 27 31.0 N (26.4586)	106 39 50.0 E (106.6639)	1162.0	BJI
GYM		Guaymas ..... Sonora, Mexico reopened 19720319 at new location.	27 54 36.0 N (27.9100)	110 57 06.0 W (110.9517)	15.0	PAS
GYO		Guyot Hills ..... Central Alaska, Alaska, U.S.A. opened 19760601.	60 08 46.7 N (60.1463)	141 28 17.4 W (141.4715)	183.0	AGS
GZ-OH	C	Galion ..... Ohio, U.S.A. 19690823-19691010	40 39 36.0 N (40.6600)	82 47 00.0 W ( 82.7833)	372.0	LRSB
GZH		Guangzhou (Canton) ..... Guangdong, China (Mainland)	23 05 13.0 N (23.0869)	113 20 38.0 E (113.3439)	11.0	BJI
GZI		Ganzirri ..... Basilicata, Italy Sent to NEIS by ROM.	38 15 53.0 N (38.2647)	15 36 31.0 E ( 15.6086)	...	MES
GZN	C	Ground Zero ..... Nevada, U.S.A. 1965-1970.	37 14 09.6 N (37.2360)	116 30 57.6 W (116.5160)	...	USGS
GZR		Gura Zlota ..... Romania opened 197704.	45 23 36.0 N (45.3933)	22 46 36.0 E ( 22.7767)	850.0	BUC
GZS		(Alternate Abbreviation for GOZ)				
GZU		Grizzly Peak ..... Box Elder County, Utah, U.S.A. opened 1981? USTN closed.	41 25 31.8 N (41.4255)	111 58 30.0 W (111.9750)	2646.0	SLC USTN

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
HAB	C Haboro ..... Rumoi, Hokkaido, Japan (HAB) see international code HBH	44 23 .. N (44.3833)	141 42 .. E (141.7000)	...	
HAC	Hachinahe ..... Aomori, Honshu, Japan	40 31 30.0 N (40.5250)	141 31 36.0 E (141.5267)	28.0	JMA
HAD	Hassan Addakhil Dam ..... Morocco opened 197610. formerly KES.	31 59 42.0 N (31.9950)	4 27 18.0 W ( 4.4550)	1124.0	SPGM
HAF	C Haifa ..... Israel	32 48 .. N (32.8000)	35 01 .. E ( 35.0167)	...	JER
HAI	C Haiwee ..... Inyo County, California, U.S.A. 19290911-19651027.	36 08 12.0 N (36.1367)	117 56 48.0 W (117.9467)	1150.0	PAS
HAK	Hakodate ..... Oshima, Hokkaido, Japan	41 48 48.0 N (41.8133)	140 45 30.0 E (140.7583)	35.0	JMA
HAL	D Halifax ..... Nova Scotia, Canada opened 1915. IDA opened 197604. (HAL) see international code HLK	44 38 16.0 N (44.6378)	63 35 30.0 W ( 63.5917)	56.0	OTTR IDA
HAM	Hamburg ..... Hamburg, Fed. Rep. of Germany 1905-19421231; reopened 19520501.	53 27 54.4 N (53.4651)	9 55 29.2 E ( 9.9248)	30.0	
HAN	Hanford ..... Washington, U.S.A.	46 36 12.0 N (46.6033)	119 28 00.0 W (119.4667)	329.0	
HAR	C Hartford ..... Connecticut, U.S.A. 1947-1954.	41 45 .. N (41.7500)	72 41 .. W ( 72.6833)	...	
HAS	C Hastings ..... North Island, New Zealand 1931-1947. (HAT) see international code HATH	39 38 .. S (39.6333)	176 53 .. E (176.8833)	11.0	WEL
HATH	R Hata ..... Aomori, Honshu, Japan opened 197707. HRS code HAT.	41 18 04.1 N (41.3011)	140 57 51.6 E (140.9643)	180.0	HRS
HATZ	R Hinemaiaia ..... North Island, New Zealand opened 198505.	38 53 31.9 S (38.8922)	176 05 30.8 E (176.0919)	492.0	WELT
HAU	D Haudampre ..... Franche Comte, France	48 00 20.0 N (48.0056)	6 20 53.0 E ( 6.3481)	577.0	LDG
HAV	C Havilah ..... Kern County, California, U.S.A. 195207-19520904.	35 30 36.0 N (35.5100)	118 31 00.0 W (118.5167)	990.0	PAS
HAVE	Haverstraw ..... New York, U.S.A.	41 13 31.8 N (41.2255)	73 06 40.8 W ( 73.1113)	268.0	BLMY
HAY	Hayfield ..... Riverside County, California, U.S.A. opened 19560620. (HAZ) see international code ANZ (Alternate Abbreviation for ANZ) (Alternate Abbreviation for HB-OK)	33 42 30.0 N (33.7083)	115 38 18.0 W (115.6383)	439.0	PAS
HB-OK	C Hobart ..... Oklahoma, U.S.A. 19611109-19630410.	35 10 35.0 N (35.1764)	98 54 37.0 W ( 98.9103)	491.0	LRSM
HBA	C Halley Bay ..... Greater Antarctica, Antarctica	75 31 .. S (75.5167)	26 36 .. W ( 26.6000)	...	
HBC	C Horseshoe Bay ..... British Columbia, Canada 1951-19600430.	49 22 39.0 N (49.3775)	123 16 33.0 W (123.2758)	...	OTTR
HBF	Harts Bluff ..... South Carolina, U.S.A. opened 19730323.	32 55 59.0 N (32.9331)	80 22 39.6 W ( 80.3777)	10.0	USGS USTN
HBH	Hawaiian Beaches ..... Hawaii, Hawaii, U.S.A. HVO code HAB.	19 31 53.4 N (19.5315)	154 53 53.4 W (154.8982)	92.0	HVO
HBM	C Hobart Mills ..... Nevada County, California, U.S.A. 19700324-197304.	39 24 06.1 N (39.4017)	120 09 11.9 W (120.1533)	1804.0	REN
HBR	Haibara ..... Nara, Honshu, Japan opened 196310; moved 19671117 and 19671208.	34 30 10.0 N (34.5028)	135 59 36.1 E (135.9934)	390.0	ERIJ
HBT	Hobart Mills ..... Nevada County, California, U.S.A. opened 197304. (HBT) see international code HBTM	39 25 36.0 N (39.4267)	120 09 48.0 W (120.1633)	1804.0	REN
HBTM	San Juan Bautista ..... San Benito County, California, U.S.A. opened 19750605. MNLO code HBT.	36 51 00.7 N (36.8502)	121 33 02.5 W (121.5507)	98.0	MNLO
HBV	Harrisonburg ..... Virginia, U.S.A. opened 197106.	38 26 18.0 N (38.4383)	78 52 21.0 W ( 78.8725)	411.0	
HBVN	Hoa-Binh ..... Vietnam opened 197204.	20 49 33.3 N (20.8259)	105 21 06.9 E (105.3519)	30.0	PLV
HBVT	Hinesburg ..... Vermont, U.S.A.	44 21 44.3 N (44.3623)	73 03 54.0 W ( 73.0650)	344.0	PAL
HBZ	R Hicks Bay ..... North Island, New Zealand opened 19850726. (HCA) see international code CDC (Alternate Abbreviation for CDC)	37 35 57.0 S (37.5992)	178 18 05.0 E (178.3014)	...	WEL

CODES

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
(HCB)	see international code CBC				
HCBM	(Alternate Abbreviation for CBC)				
HCC	C Holy Cross ..... Santa Cruz County, California, U.S.A. 19670502-19751012.	36 58 53.0 N (36.9814)	121 43 21.0 W (121.7225)	159.0	MNLO
HCG	Craig Gach ..... Wales, United Kingdom opened 198011.	52 19 21.0 N (52.3225)	3 39 24.0 W ( 3.6567)	511.0	BGS
HCI	R Hatchie Coan Island ..... Arkansas, U.S.A. opened 197611.	35 41 42.0 N (35.6950)	90 20 42.0 W ( 90.3450)	67.0	SLM
HCK	Huntoon Valley ..... Nevada, U.S.A.	38 04 31.8 N (38.0755)	118 35 31.8 W (118.5922)	...	REN
HCO	R Huanuco ..... Peru	9 49 48.0 S ( 9.8300)	76 13 48.0 W ( 76.2300)	1851.0	LIM
(HCO)	see international code HCOM				
HCOM	Carn Cab Canyon ..... Monterey County, California, U.S.A. opened 19751119. MNLO code HCO.	36 53 11.4 N (36.8865)	121 42 11.9 W (121.7033)	104.0	MNLO
(HCP)	see international code HCPM				
HCPM	Crevison Peak ..... Stanislaus County, California, U.S.A. MNLO code HCP.	37 11 40.2 N (37.1945)	121 11 04.8 W (121.1847)	513.0	MNLO
HCR	Hat Creek Range ..... Nevada, U.S.A. opened 19810721.	38 14 01.0 N (38.2336)	116 26 08.0 W (116.4356)	2030.0	USGS USTN
(HCR)	see international code CSR				
HCRM	(Alternate Abbreviation for CSR)				
HCU	C Horse Canyon ..... Emery County, Utah, U.S.A. 196201-197703.	39 29 18.0 N (39.4883)	110 20 42.0 W (110.3450)	2134.0	USGS
HCY	Herceg Novi ..... Yugoslavia opened 19821225.	42 26 51.0 N (42.4475)	18 29 54.1 E ( 18.4984)	273.0	TTG
(HCZ)	see international code HCZM				
HCZM	Cordaza Dairy ..... Santa Cruz County, California, U.S.A. opened 19751113. MNLO code HCZ.	36 54 32.4 N (36.9090)	121 48 01.1 W (121.8003)	30.0	MNLO
HD-	(Alternate Abbreviation for HD-PA)				
HD-PA	C Howard ..... Pennsylvania, U.S.A. 19640925-19650125.	40 59 44.0 N (40.9956)	77 35 44.0 W ( 77.5956)	369.0	LRSM
HDA	Harding Lake ..... Central Alaska, Alaska, U.S.A. opened 197709.	64 24 21.0 N (64.4058)	146 57 13.8 W (146.9538)	450.0	GIA
(HDA)	see international code HDAN				
HDAN	U Hedo ..... Shizuoka, Hanshu, Japan 197706-197905. NGY code HDA.	34 57 43.2 N (34.9620)	138 49 12.2 E (138.8201)	250.0	NGY
HDC	C Heredia ..... Costa Rica 19840317-1985.	10 00 04.8 N (10.0013)	84 06 50.4 W ( 84.1140)	1150.0	HDC
HDC2	Heredia ..... Costa Rica opened 1985.	10 01 25.2 N (10.0237)	84 07 48.0 W ( 84.1300)	1220.0	HDC
HDG	D Hidalgo Mountain ..... San Bernardino County, California, U.S.A. opened 197404.	34 25 43.8 N (34.4288)	116 18 18.0 W (116.3050)	1347.0	PAS
HDK	C Hidaka ..... Wakayama, Hanshu, Japan 196501-19740403.	33 55 33.3 N (33.9259)	135 08 20.3 E (135.1390)	30.0	ERIJ
(HDL)	see international code DIL				
HDLM	(Alternate Abbreviation for DIL)				
HDM	Haddam ..... Connecticut, U.S.A. opened 19741223.	41 29 08.8 N (41.4858)	72 31 23.6 W ( 72.5232)	24.0	WES
HDO	C Headquarters ..... Colorado, U.S.A. 197301-19761130.	39 33 30.0 N (39.5583)	105 04 45.0 W (105.0792)	1683.0	GOL
HDU	Hyde Park ..... Cache County, Utah, U.S.A. opened 197503.	41 48 16.0 N (41.8044)	111 45 53.0 W (111.7647)	1853.0	SLC
HE-	(Alternate Abbreviation for HE-TX)				
HE-TX	C Hempstead ..... Texas, U.S.A. 19630725-19640316.	30 11 59.0 N (30.1997)	96 05 31.0 W ( 96.0919)	67.0	LRSM
HED	R Hedekas ..... Sweden opened 198001	58 40 48.0 N (58.6800)	11 46 40.8 E ( 11.7780)	78.0	HFS
(HED)	see international code HEDN				
HEDN	R Hedo ..... Shizuoka, Hanshu, Japan opened 197905. NGY code HED.	34 57 32.6 N (34.9591)	138 48 45.5 E (138.8126)	160.0	NGY
HEE	Heerlen ..... Netherlands (50.8850)	50 53 06.0 N (50.8850)	5 58 54.0 E ( 5.9817)	115.0	DBN
HEI	Heidelberg (Königstuhl) ..... Baden-Württemberg, Fed. Rep. of Germany opened 1900? reopened 1959.	49 23 55.0 N (49.3986)	8 43 35.0 E ( 8.7264)	560.0	STU
HEL	Helsinki (Helsingfors) ..... Finland	60 10 32.3 N (60.1756)	24 57 25.2 E ( 24.9570)	20.0	HEL



Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
HEN	Heng-chun (Henchuan, Kasyun) ..... China (Taiwan) ..... (22.0000)	22 00 N	120 45 E (120.7500)	22.0	TAP
HER	Hermanus ..... Cape Province, South Africa (34.4250)	34 25 30.0 S (34.4250)	19 13 30.0 E (19.2250)	26.0	
HET	C Houston--Electro-Tech ..... Texas, U.S.A. 1961--spring 1965.	29 43 12.0 N (29.7200)	95 28 11.5 W (95.4699)	6.0	
(HFE)	see international code SFL				
HFEM	(Alternate Abbreviation for SFL)				
(HFH)	see international code HFHM				
HFHM	Flint Hills ..... San Benito County, California, U.S.A. opened 19751210. MNLO code HFH.	36 53 17.5 N (36.8882)	121 28 07.7 W (121.4688)	101.0	MNLO
(HFP)	see international code FRP				
HFBM	(Alternate Abbreviation for FRP)				
HFS	D Hagfors ..... Sweden opened 196901.	60 08 03.0 N (60.1342)	13 41 44.0 E (13.6956)	265.0	HFS
HGA	Collinsville ..... Alabama, U.S.A. (34.2602)	34 15 36.7 N (34.2602)	85 50 47.0 W (85.8464)	384.0	ATL
HGB	Hanford Gable Butte ..... Washington, U.S.A. (46.5977)	46 35 51.7 N (46.5977)	119 27 42.0 W (119.4617)	165.0	
HGJ	Hanga ..... Tokyo, Hanshu, Japan opened 196505.	35 42 56.0 N (35.7156)	139 45 46.0 E (139.7628)	19.0	ERIJ
HGP	C Huxley Gorge ..... South Island, New Zealand 1975-19831121.	44 06 09.0 S (44.1025)	169 50 39.0 E (169.8442)	590.0	WELP
(HGS)	see international code GHS				
HGSM	(Alternate Abbreviation for GHS)				
(HGW)	see international code HGWM				
HGWM	Gilroy West ..... Santa Clara County, California, U.S.A. opened 19751002. MNLO code HGW.	37 01 01.2 N (37.0170)	121 39 11.5 W (121.6532)	131.0	MNLO
HH-	(Alternate Abbreviation for HH-ND)				
HH-ND	C Hannah ..... North Dakota, U.S.A. 19630722-19640805.	48 56 53.0 N (48.9481)	98 41 33.0 W (98.6925)	488.0	LRSM
HH2	(Alternate Abbreviation for HH2ND)				
HH2ND	C Hannah ..... North Dakota, U.S.A. 19660523-19660601.	48 56 39.0 N (48.9442)	98 40 56.0 W (98.6822)	488.0	LRSM
HHC	Hahhat ..... Inner Mongolia, China (Mainland) (40.8494)	40 50 58.0 N (40.8494)	111 33 49.0 E (111.5636)	1169.0	BJI
HHHH	F (keyword for telegraphic transmission)				
HHI	C Harmany Heights ..... Idaho, U.S.A. 197110-19740725.	46 28 32.4 N (46.4757)	116 08 47.4 W (116.1465)	636.0	MSO
HHM	C Hungry Horse ..... Montana, U.S.A. 19471110-19791216.	48 20 58.0 N (48.3494)	114 01 39.0 W (114.0275)	1100.0	NEIS
HHP	C Hogget Hill ..... South Island, New Zealand 1975-19831121.	44 19 39.0 S (44.3275)	170 20 44.0 E (170.3456)	490.0	WELP
HHR	R Hinohara ..... Tokyo, Hanshu, Japan (35.7353)	35 44 07.1 N (35.7353)	139 04 35.0 E (139.0764)	595.0	CDPJ
HHT	C Hurricane Hollow ..... Tennessee, U.S.A. opened early 1960's.	36 10 16.0 N (36.1711)	87 54 05.0 W (87.9014)	113.0	SLM
HIC	RD Hidaka-cho ..... Hidaka, Hokkaido, Japan opened 19760701.	42 53 29.3 N (42.8915)	142 27 26.4 E (142.4573)	330.0	HSS
HID	C Hamer Butte ..... Idaho, U.S.A. 197308-1981?	43 57 47.0 N (43.9631)	112 09 50.0 W (112.1639)	1527.0	USGS
HIG	Hawaii Institute of Geophysics ..... Oahu, Hawaii, U.S.A. opened 196405.	21 17 05.0 N (21.2847)	157 49 10.0 W (157.8194)	18.0	HIG
HIJ	C Heard Island ..... Heard Island 1951-1954.	53 01 12.0 S (53.0200)	73 23 06.0 E (73.3850)	10.0	AUST
HIK	Hikone ..... Shiga, Honshu, Japan (35.2733)	35 16 24.0 N (35.2733)	136 14 48.0 E (136.2467)	88.0	JMA
(HIK)	see international code HIKD				
HIKD	R Hikinohira ..... Kagoshima, Kyushu, Japan opened 1962. DRI code HIK.	31 34 49.0 N (31.5803)	130 38 38.0 E (130.6439)	550.0	DRI
HIL	Hilo ..... Hawaii, Hawaii, U.S.A. opened 1922.	19 43 12.0 N (19.7200)	155 05 18.0 W (155.0883)	20.0	HVO
HIM	Himeji ..... Hyogo, Hanshu, Japan (34.8367)	34 50 12.0 N (34.8367)	134 42 06.0 E (134.7017)	37.0	JMA
HIN	Hinchinbrook Island ..... Central Alaska, Alaska, U.S.A. opened 19741003.	60 23 48.6 N (60.3968)	146 30 06.0 W (146.5017)	611.0	AGS
HIR	Hirashima ..... Hiroshima, Honshu, Japan moved 193501.	34 21 48.0 N (34.3633)	132 26 12.0 E (132.4367)	30.0	JMA

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
HITZ	R	Hingaroa ..... North Island, New Zealand opened 198412.	38 42 31.0 S (38.7086)	175 45 59.0 E (175.7664)	458.0	WELT
HJA		Humahuaca ..... Jujuy, Argentina	23 12 52.0 S (23.2144)	65 24 20.0 W ( 65.4056)	...	SJA
(HJG)		see international code HJGM				
HJGM		San Juan Grade ..... Monterey County, California, U.S.A. opened 19670621. MNLO code HJG.	36 47 52.8 N (36.7980)	121 34 25.7 W (121.5738)	171.0	MNLO
HJH		Hanja ..... Akita, Honshu, Japan opened 197504.	39 20 18.0 N (39.3383)	140 10 24.0 E (140.1733)	136.0	JMA
HJJ		Hachijo-jima (Hatidyazima) ..... Bonin Islands, Japan	33 06 06.0 N (33.1017)	139 47 18.0 E (139.7883)	81.0	JMA
(HJS)		see international code HJSM				
HJSM		Jahn Smith Road ..... San Benito County, California, U.S.A. opened 197506. MNLO code HJS.	36 48 59.4 N (36.8165)	121 17 55.3 W (121.2987)	215.0	MNLO
HJY	R	Honjo ..... Akita, Honshu, Japan opened 19671228.	39 20 18.0 N (39.3383)	140 10 24.0 E (140.1733)	136.0	TOH
HK-		(Alternate Abbreviation for HK-WY)				
HK-WY	C	Hawk Springs ..... Wyoming, U.S.A. 19620717-19621005.	41 41 45.0 N (41.6958)	104 21 25.0 W (104.3569)	1494.0	LRSW
HKC		Hong Kong ..... Hong Kong 192110-194112; reopened 195108. WWSS opened 19630508.	22 18 12.8 N (22.3036)	114 10 18.8 E (114.1719)	27.0	HKC WWSS
HKI		Fushiki ..... Tayama, Honshu, Japan	36 47 .. N (36.7833)	137 03 .. E (137.0500)	...	
HKJ	R	Hakoriku ..... Fukui, Honshu, Japan opened 197010.	35 56 15.0 N (35.9375)	136 12 45.0 E (136.2125)	20.0	DRI
HKL		Haleakala ..... Mouli, Hawaii, U.S.A. opened 1975.	20 43 42.0 N (20.7283)	156 15 18.0 W (156.2550)	...	HON USTN
HKM		Hinckley ..... Maine, U.S.A.	44 39 23.0 N (44.6564)	69 38 26.9 W ( 69.6408)	79.0	WES
HKN	R	Hawks Nest ..... South Australia, Australia opened 19751001.	30 00 42.0 S (30.0117)	135 11 12.0 E (135.1867)	171.0	ADE
HKP	C	Hidden Lake ..... Pennsylvania, U.S.A. 197302-197407.	41 02 17.4 N (41.0382)	75 03 42.0 W ( 75.0617)	337.0	PAL
(HKR)		see international code HKRM				
HKRM		Kincaid Ranch ..... San Benito County, California, U.S.A. opened 19750703. MNLO code HKR.	36 54 06.1 N (36.9017)	121 25 33.6 W (121.4260)	66.0	MNLO
HKT		Hackley ..... Texas, U.S.A. opened 197306.	29 57 .. N (29.9500)	95 50 .. W ( 95.8333)	-122.0	HKT
HL-		(Alternate Abbreviation for HL-ID)				
HL-ID	C	Hailey ..... Idaho, U.S.A. 19611004-19640307.	43 38 50.0 N (43.6472)	114 15 02.0 W (114.2506)	1890.0	LRSW
HL2		(Alternate Abbreviation for HL2ID)				
HL2ID	C	Hailey ..... Idaho, U.S.A. 19640329-19650723; 19651007-19651115; 19670809-19671210; 19680827-19680909.	43 33 40.0 N (43.5611)	114 25 08.0 W (114.4189)	1829.0	LRSW
HLA	C	Hall's Lagoon ..... New South Wales, Australia 1959-1970.	33 31 21.5 S (33.5226)	150 54 58.6 E (150.9163)	27.0	CAN
HLD		Halaksitan ..... Djibouti opened 19790923	11 35 47.3 N (11.5965)	42 25 56.6 E ( 42.4324)	-75.0	ARO
HLE		Halle ..... German Dem. Rep.	51 29 52.6 N (51.4979)	11 57 24.8 E ( 11.9569)	92.0	
HLG		Helgoland ..... Fed. Rep. of Germany 1903-19360610; 1938-194309; reopened 19600106. several locations.	54 11 04.8 N (54.1847)	7 53 01.9 E ( 7.8839)	41.0	
HLK		Haleakala ..... Maui, Hawaii, U.S.A. opened 195809. HVO code HAL.	20 46 .. N (20.7667)	156 15 .. W (156.2500)	2090.0	HVO
HLL	C	Hallett ..... Greater Antarctica, Antarctica 195704-196402; 196911-197001. WWSS 19630308-196410.	72 18 50.0 S (72.3139)	170 13 00.0 E (170.2167)	2.0	WEL WWSS
HLM	C	Helmville ..... Montana, U.S.A. 19740903-19761004.	46 53 21.9 N (46.8894)	112 55 59.3 W (112.9331)	1365.0	MSO
HLN		Huailan ..... San Juan, Argentina	30 44 11.1 S (30.7364)	68 56 57.0 W ( 68.9492)	2000.0	ZON
HLP		Hilina Pali ..... Hawaii, Hawaii, U.S.A. opened 19700904.	19 17 57.6 N (19.2993)	155 18 37.8 W (155.3105)	707.0	HVO

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
HLR	C	Highlands Ranch ..... Colorado, U.S.A. 197301-19761130.	39 32 14.0 N (39.5372)	104 58 28.0 W (104.9744)	1782.0	GOL
HLT	R	Holt ..... Alabama, U.S.A. opened 19710109.	33 13 20.4 N (33.2223)	87 30 27.6 W ( 87.5077)	95.0	MNLO
(HLT)		see international code LTR				
HLTM		(Alternate Abbreviation for LTR)				
HLW		Helwan ..... Egypt opened 189909. WWSS opened 19620618. records available since 1907.	29 51 30.0 N (29.8583)	31 20 30.0 E ( 31.3417)	116.0	HLW WWSS
HLX	R	Hale ..... Nevada, U.S.A. opened 198001.	39 56 01.3 N (39.9337)	117 39 47.5 W (117.6632)	1219.0	REN
HM- HM-BC	C	(Alternate Abbreviation for HM-BC) 100 Mile House ..... British Columbia, Canada 19620826-19621005.	51 39 18.0 N (51.6550)	121 28 32.0 W (121.4756)	1128.0	LRSM
HMB	C	Hamburg ..... New York, U.S.A. 197109-19760728.	42 39 16.2 N (42.6545)	78 51 09.0 W ( 78.8525)	290.0	PAL
HMC	C	Holland Mills ..... Quebec, Canada closed 197304.	45 45 30.0 N (45.7583)	75 38 54.0 W ( 75.6483)	175.0	OTTR
HMD		Hamoda ..... Shimane, Honshu, Japan (34.8933)	34 53 36.0 N (34.8933)	132 04 24.0 E (132.0733)	19.0	JMA
HMH		Humuila Sheep Station ..... Hawaii, Hawaii, U.S.A. HVO code HSS.	19 36 18.6 N (19.6052)	155 29 07.8 W (155.4855)	2445.0	HVO
HMK	R	Himekami ..... Iwate, Honshu, Japan opened 196905.	39 50 54.0 N (39.8483)	141 14 48.0 E (141.2467)	586.0	TOH
HML	C	Hamilton ..... Ontario, Canada (43.2500)	43 15 .. N (43.2500)	79 51 .. W ( 79.8500)	...	
HMM		Hamamatsu (Hamamatu) ..... Shizuoka, Honshu, Japan moved 194806.	34 42 30.0 N (34.7083)	137 43 24.0 E (137.7233)	32.0	JMA
HMN		Homestead National Monument ..... Nebraska, U.S.A. opened 19790310.	40 17 11.0 N (40.2864)	96 50 08.0 W ( 96.8356)	368.0	LAK
HMO		H. Mason (Portland State University) ..... Oregon, U.S.A. opened 1975.	45 32 17.0 N (45.5381)	122 34 19.0 W (122.5719)	64.0	
(HMO)		see international code MTR				
HMOH		(Alternate Abbreviation for MTR)				
HMR		Hamilton Ranch ..... Salerno County, California, U.S.A. opened 19710429. MNLO code NHM.	38 09 16.8 N (38.1547)	121 48 01.2 W (121.8003)	65.0	MNLO
HMT		Hamilton ..... Central Alaska, Alaska, U.S.A. opened 19770816.	60 20 11.4 N (60.3365)	144 15 38.4 W (144.2607)	620.0	AGS
(HMT)		see international code HMTD				
HMTD	R	Hikami ..... Hyogo, Honshu, Japan opened 196408. DRI code HMT.	35 13 35.5 N (35.2265)	135 02 36.6 E (135.0435)	250.0	DRI
HMTJ	R	Hamta ..... Jordan opened 198309.	32 13 15.0 N (32.2208)	35 48 44.0 E ( 35.8122)	550.0	JSO
HN- HN-ME	C	(Alternate Abbreviation for HN-ME) Houlton ..... Maine, U.S.A. 19620823-19660906; 19661021-19700801; 19701025- 19710204; 19710927-19711110; 19730510-19730522.	46 09 43.0 N (46.1619)	67 59 09.0 W ( 67.9858)	213.0	LRSM
HNB	D	Haney ..... British Columbia, Canada opened 19800605.	49 16 28.0 N (49.2744)	122 34 45.0 W (122.5792)	185.0	WCTN
HNG	C	Hongo ..... Tokyo, Honshu, Japan closed 1961.	35 42 40.0 N (35.7111)	139 45 59.0 E (139.7664)	18.0	ERIJ
HNH		Hanover ..... New Hampshire, U.S.A. opened 19750615.	43 42 19.0 N (43.7053)	72 17 08.0 W ( 72.2856)	180.0	WES
HNL	C	Honolulu ..... Oahu, Hawaii, U.S.A. 196405-1974.	21 21 30.0 N (21.3583)	157 48 35.0 W (157.8097)	243.0	HIG
HNM		Heniu Mare ..... Romania opened 19820901.	47 16 39.0 N (47.2775)	24 44 02.0 E ( 24.7339)	1580.0	BUC
(HNM)		see international code HNMJ				
HNME		Houlton ..... Maine, U.S.A. (46.1599)	46 09 35.6 N (46.1599)	67 59 12.1 W ( 67.9867)	209.0	WES USTN
HNMJ	R	Hino-misaki ..... Wakayama, Honshu, Japan opened 19740605. ERIJ code HNM.	33 52 51.8 N (33.8811)	135 03 58.1 E (135.0661)	191.0	ERIJ
HNR		Haniara ..... Salaman Islands 196010-19611231; reopened 19620207. WWSS opened 19620207.	9 25 55.9 S ( 9.4322)	159 56 49.6 E (159.9471)	72.0	HNR WWSS

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
HNY	C	Hamilton ..... New York, U.S.A. 197407-197808.	42 49 54.6 N (42.8318)	75 30 53.4 W ( 75.5148)	500.0	PAL
HNZ	C	Havelock North ..... North Island, New Zealand 1947-1953.	39 41 .. S (39.6833)	176 53 .. E (176.8833)	18.0	WEL
HOD	R	Hodge ..... San Bernardino County, California, U.S.A. opened 198105.	34 50 19.8 N (34.8388)	117 14 45.0 W (117.2458)	829.0	PAS
HOF		Hof ..... Bayern, Fed. Rep. of Germany 1909-1945; reopened 1955.	50 18 49.0 N (50.3136)	11 52 39.0 E ( 11.8775)	566.0	FUR
HOGG		Hoggard's Bluff ..... Arkansas, U.S.A. opened 195808.	35 13 17.8 N (35.2216)	92 14 27.6 W ( 92.2410)	133.0	TEIC
HOH	C	Hohenheim ..... Baden-Württemberg, Fed. Rep. of Germany 1903-193401.	48 43 .. N (48.7167)	9 13 .. E ( 9.2167)	396.0	STU
HOJ		Hope (Mana) ..... Jamaica opened 19650821.	18 00 07.2 N (18.0020)	76 45 00.0 W ( 76.7500)	200.0	TRN
HOK		Hahkeppel ..... Nordrhein-Westfalen, Fed. Rep. of Germany opened 197606.	50 58 49.0 N (50.9803)	7 18 44.0 E ( 7.3122)	230.0	BNS
(HOK)		see international code HOKE				
HOKE	R	Hakigiyama ..... Shizuoka, Hanshu, Japan opened 197712. ERIJ code HOK.	34 50 55.5 N (34.8487)	139 02 28.8 E (139.0413)	900.0	ERIJ
HOM		Homer ..... Kenai Peninsula, Alaska, U.S.A. opened 197608.	59 39 30.0 N (59.6583)	151 38 36.0 W (151.6433)	198.0	GIA
HON	D	Honolulu ..... Oahu, Hawaii, U.S.A. opened 1902. WWSS opened 19821202. DWSS opened 19830421.	21 19 18.0 N (21.3217)	158 00 30.0 W (158.0083)	2.0	HON DWSS WWSS USTN
(HON)		see international code HONK				
HONK	R	Honda ..... Kumamoto, Kyushu, Japan opened 1932. KYT code HON.	32 52 34.1 N (32.8761)	131 04 40.7 E (131.0780)	1167.0	KYT
HOO		Hiroo ..... Tokachi, Hokkaido, Japan (42.2833)	42 17 .. N (42.2833)	143 19 .. E (143.3167)	32.0	JMA
HOJ		Hiroo 2 ..... Tokachi, Hokkaido, Japan (42.3833)	42 23 00.0 N (42.3833)	143 17 12.0 E (143.2867)	-1.0	JMA
HOP	C	Hope ..... Jamaica 19611106-19650623.	18 01 19.2 N (18.0220)	76 45 00.0 W ( 76.7500)	200.0	TRN
HOR		Horta ..... Azores, Portugal (38.5267)	38 31 36.0 N (38.5267)	28 37 48.0 W ( 28.6300)	60.0	PDA
(HOR)		see international code HORH				
(HOR)		see international code OCR				
HORH	R	Horominae ..... Iburi, Hokkaido, Japan opened 19780429. HSS code HOR. (Alternate Abbreviation for OCR)	42 28 35.4 N (42.4765)	140 55 00.0 E (140.9167)	235.0	HSS
HORM						
HOT	D	Hot Springs Mountain ..... San Diego County, California, U.S.A. opened 197601.	33 18 50.4 N (33.3140)	116 34 53.4 W (116.5815)	1963.0	PAS
HOU		Houston ..... Texas, U.S.A. opened about 1960.	29 43 08.0 N (29.7189)	95 24 08.0 W ( 95.4022)	5.0	
HOW		Howrah ..... West Bengal, India opened 1952. WWSS opened 19631104.	22 25 00.0 N (22.4167)	88 18 33.0 E ( 88.3092)	3.0	NDI WWSS
(HPH)		see international code PKH				
HPHM		(Alternate Abbreviation for PKH)				
HPI		Howe Peak ..... Idaho, U.S.A. opened 197210.	43 42 41.0 N (43.7114)	113 05 50.0 W (113.0972)	2597.0	USGS USTN
HPK		Haverah Park ..... England, United Kingdom (53.9580)	53 57 28.9 N (53.9580)	1 37 26.6 W ( 1.6241)	...	BGS
HPKT		Knaxville ..... Tennessee, U.S.A. (35.9260)	35 55 33.6 N (35.9260)	83 52 44.4 W ( 83.8790)	305.0	TVA
(HPL)		see international code PCL				
HPLM		(Alternate Abbreviation for PCL)				
HPO		Hanuaa ..... Hawaii, Hawaii, U.S.A. (19.0881)	19 05 17.0 N (19.0881)	155 33 15.0 W (155.5542)	10.0	HON USTN
HPP	C	Hepp ..... Central Alaska, Alaska, U.S.A. 19711109-197606.	64 47 25.8 N (64.7905)	147 57 33.0 W (147.9592)	170.0	GIA
(HPR)		see international code PKC				
HPRM		(Alternate Abbreviation for PKC)				
HPU		Hale Pahaku ..... Hawaii, Hawaii, U.S.A. opened 19690818.	19 46 51.0 N (19.7808)	155 27 30.0 W (155.4583)	3396.0	HVO
HQN		Harlequin Lake ..... Southeastern Alaska, Alaska, U.S.A. opened 19741001.	59 27 06.0 N (59.4517)	138 52 37.2 W (138.8770)	372.0	AGS
(HQR)		see international code QSR				
HQRM		(Alternate Abbreviation for QSR)				
HR-		(Alternate Abbreviation for HR-AZ)				

Code	Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
HR-AZ	C Heber ..... Arizona, U.S.A. 19640810-19651004.	34 40 11.0 N (34.6697)	110 45 59.0 W (110.7664)	1875.0	LRSM
HRB	Hurbanovo (Ogyolla, Storo Dolo) ..... Czechoslovakia	47 52 25.0 N (47.8736)	18 11 34.0 E (18.1928)	115.0	BRA
HRC	C Harris Ranch ..... San Benito County, California, U.S.A. 19660317-19660711	36 46 12.0 N (36.7700)	121 24 48.0 W (121.4133)	228.0	BRK
HRD	R Hirodai ..... Aomori, Honshu, Japan opened 197301.	40 35 03.1 N (40.5842)	140 28 38.2 E (140.4773)	50.0	HRS
HRF	Holler Research Foundation--Helena ..... Montana, U.S.A. closed 198308; reopened and moved slightly 198408.	46 35 39.6 N (46.5943)	112 02 40.2 W (112.0445)	1256.0	BUT
HRG	R Hirogowara ..... Shizuoka, Honshu, Japan opened 19781109.	35 09 30.2 N (35.1584)	139 03 30.9 E (139.0586)	285.0	ERIJ
HRI	Mount Hermon ..... Israel opened 198307.	33 16 12.0 N (33.2700)	35 44 24.0 E (35.7400)	1060.0	JER
HRM	R Kowosaki ..... Kanagawa, Honshu, Japan opened 197510	35 33 02.2 N (35.5506)	139 40 45.1 E (139.6792)	-536.0	CDPJ
HRMC	Merrill Creek ..... New Jersey, U.S.A.	40 43 22.8 N (40.7230)	75 05 20.4 W (75.0890)	295.0	BLMY
HRN	R Horndol ..... Sweden opened 198001	60 15 00.0 N (60.2500)	16 29 09.6 E (16.4860)	...	HFS
HRO	Hermiston ..... Oregon, U.S.A. opened 197506.	45 50 08.4 N (45.8357)	119 22 51.0 W (119.3808)	172.0	SEA
HRS	F Hirosaki University, Japan				
HRT	Hereke ..... Turkey opened 1980.	40 49 18.1 N (40.8217)	29 40 04.8 E (29.6680)	645.0	ISK
(HRT)	see international code HRTT				
HRTT	U Hiratsu ..... Yamagata, Honshu, Japan 19750719-19790116. TOH code HRT.	39 00 36.0 N (39.0100)	139 56 24.0 E (139.9400)	40.0	TOH
HRV	Harvard--Oak Ridge ..... Massachusetts, U.S.A. opened 197508.	42 30 23.0 N (42.5064)	71 33 30.0 W (71.5583)	180.0	CAM
HRV	Holler Research Foundation--York Bridge ..... Montana, U.S.A. opened 19801108.	46 42 40.8 N (46.7113)	111 49 52.3 W (111.8312)	1341.0	BUT
HS-	(Alternate Abbreviation for HS-NB)				
HS-NB	C Hoy Springs ..... Nebraska, U.S.A. 19620509-19620628.	42 25 32.0 N (42.4256)	102 42 52.0 W (102.7144)	1158.0	LRSM
(HSF)	see international code HSPM				
HSFA	R Helvecio ..... Santa Fe, Argentina (31.1028)	31 06 10.0 S (31.1028)	60 06 39.0 W (60.1108)	55.0	SJA
HSPM	Saint Francis Retreat ..... San Benito County, California, U.S.A. opened 19751113. MNLO code HSF.	36 48 43.2 N (36.8120)	121 29 58.2 W (121.4995)	340.0	MNLO
HSN	R Hashikami ..... Iwate, Honshu, Japan opened 19711125.	40 24 42.0 N (40.4117)	141 35 00.0 E (141.5833)	355.0	TOH
HSI	Hsin-kang (Hsinkong, Singkong) ..... China (Taiwan) (23.1000)	23 06 .. N (23.1000)	121 22 .. E (121.3667)	36.0	TAP
HSJ	Hoshina ..... Nagano, Honshu, Japan opened 19680721.	36 35 02.6 N (36.5841)	138 16 25.9 E (138.2739)	490.0	ERIJ
HSK	C Hsinking (Changchun) ..... Jilin, China (Mainland) (43.9167)	43 55 .. N (43.9167)	125 18 .. E (125.3000)	250.0	
(HSL)	see international code HSLM				
HSLM	San Luis Dam ..... Merced County, California, U.S.A. opened 19740302. MNLO code HSL.	37 04 48.7 N (37.0802)	121 05 39.1 W (121.0942)	122.0	MNLO
HSN	Hsin-chu (Sinjo) ..... China (Taiwan) (24.8000)	24 48 .. N (24.8000)	120 58 .. E (120.9667)	33.0	TAP
HSP	R Hornsund ..... Svalbard, Norway (77.0106)	77 00 38.0 N (77.0106)	15 34 21.0 E (15.5725)	...	WAR
(HSP)	see international code HSPM				
HSPM	Sheep ..... Santa Clara County, California, U.S.A. MNLO code HSP.	37 06 54.6 N (37.1152)	121 30 56.4 W (121.5157)	850.0	MNLO
HSS	D Hokkaido University (Misumoi) ..... Ishikori, Hokkaido, Japan opened 19730701.	42 57 52.8 N (42.9647)	141 13 56.7 E (141.2324)	215.0	HSS
(HSS)	see international code HMM				
HSTOP	F (keyword for telegraphic transmission)				
HSW	C Hot Spot ..... Washington, U.S.A. 197006-197110.	46 31 46.2 N (46.5295)	119 33 16.2 W (119.5545)	217.0	MNLO
HT-	(Alternate Abbreviation for HT-MN)				
HT-MN	C Hastings ..... Minnesota, U.S.A. 19620802-19621005.	44 51 10.0 N (44.8528)	92 52 40.0 W (92.8778)	274.0	LRSM

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
HTC	Hot Caves ..... Hawaii, Hawaii, U.S.A.	19 14 19.8 N (19.2388)	155 24 01.2 W (155.4003)	381.0	HVO
HTK	R Hotokeiwa ..... Nagano, Honshu, Japan opened 196210.	36 22 37.0 N (36.3769)	138 32 23.0 E (138.5397)	1462.0	ERI J
HTL	Hartland ..... England, United Kingdom opened 198105.	50 59 40.0 N (50.9944)	4 29 06.0 W ( 4.4850)	91.0	BGS
HTQ	D Hauterive ..... Quebec, Canada opened 19820415.	49 11 30.0 N (49.1917)	68 23 38.0 W ( 68.3939)	123.0	ECTN
HTT	Hallett ..... South Australia, Australia opened 196206.	33 25 50.0 S (33.4306)	138 55 18.0 E (138.9217)	708.0	ADE
HTU	Hoyt Peak ..... Summit County, Utah, U.S.A. opened 197411.	40 40 31.0 N (40.6753)	111 13 13.0 W (111.2203)	2575.0	SLC
HTW	Haystack Lookout ..... Washington, U.S.A. opened 19750611.	47 48 12.5 N (47.8035)	121 46 08.7 W (121.7691)	829.0	SEA
HUA	Huancayo ..... Peru opened 193204.	12 02 18.1 S (12.0384)	75 19 22.1 W ( 75.3228)	3313.0	LIM
(HUA)	see international code HUH				
HUH	Hualalai ..... Hawaii, Hawaii, U.S.A. opened 19710506. HVO code HUA.	19 41 15.0 N (19.6875)	155 50 19.2 W (155.8387)	2189.0	HVO
HUL	Heiheiiahulu ..... Hawaii, Hawaii, U.S.A.	19 25 07.8 N (19.4188)	154 58 43.2 W (154.9787)	369.0	HVO
HUN	Hundersingen ..... Baden-Württemberg, Fed. Rep. of Germany opened 19760101.	48 04 45.0 N (48.0792)	9 24 30.0 E ( 9.4083)	565.0	STU
HUR	C Hurricane ..... Central Alaska, Alaska, U.S.A. 197108-197506.	62 58 44.0 N (62.9789)	149 38 46.2 W (149.6462)	510.0	GIA
HUTZ	R Huka ..... North Island, New Zealand opened 198509.	38 38 02.0 S (38.6339)	176 05 41.0 E (176.0947)	360.0	WELT
HUZ	Huarez ..... Peru opened 1972.	9 31 44.0 S ( 9.5289)	77 30 30.0 W ( 77.5083)	3300.0	LIM
HV-	(Alternate Abbreviation for HV-MA)				
HV-MA	C Havre ..... Montana, U.S.A. 19651025-19651231; 19670803-19671210; 19680830-19680909.	48 25 20.0 N (48.4222)	109 49 20.0 W (109.8222)	884.0	LRSB
HVA	Hanceville ..... Alabama, U.S.A.	34 01 35.0 N (34.0264)	86 46 09.1 W ( 86.7692)	195.0	ATL
HVC	Hernandez Valley ..... San Benito County, California, U.S.A. opened 19691126. MNLO code PHR.	36 22 22.8 N (36.3730)	120 49 07.8 W (120.8188)	750.0	MNLO
HVD	Hendrik Verwaerd Dam ..... Cape Province, South Africa	30 36 18.0 S (30.6050)	25 29 48.0 E ( 25.4967)	1433.0	PRE
HVK	R Hallstavi ..... Sweden opened 198001	60 00 32.4 N (60.0090)	18 33 57.6 E ( 18.5660)	20.0	HFS
HVL	U Huntoon Valley ..... Nevada, U.S.A. closed 197604.	39 10 59.5 N (39.1832)	118 32 20.4 W (118.5390)	1856.0	REN
HVO	Hawaiian Volcano Observatory (Kilauea) ..... Hawaii, Hawaii, U.S.A. opened 1912.	19 25 24.0 N (19.4233)	155 17 36.0 W (155.2933)	1240.0	HVO
HVU	Hansel Valley ..... Box Elder County, Utah, U.S.A. opened 197611.	41 46 46.8 N (41.7797)	112 46 30.0 W (112.7750)	1609.0	SLC
HW-	(Alternate Abbreviation for HW-IS)				
HW-IS	C Hawaii Island ..... Hawaii, Hawaii, U.S.A. 19630724-19641022.	19 58 49.0 N (19.9803)	155 42 20.0 W (155.7056)	705.0	LRSB
HWA	Hua-lien (Hualien, Karenko) ..... China (Taiwan)	23 58 .. N (23.9667)	121 37 .. E (121.6167)	18.0	TAP
HWD	Hollywood ..... South Carolina, U.S.A.	32 44 21.0 N (32.7392)	80 17 00.0 W ( 80.2833)	4.0	USGS
HWK	Hiawatha ..... Kansas, U.S.A. opened 19781005.	39 48 07.8 N (39.8022)	95 29 47.4 W ( 95.4965)	320.0	LAK
HWSM	Haiwee Spring South ..... Inyo County, California, U.S.A. opened 19750926. MNLO code WHS.	36 06 18.0 N (36.1050)	117 45 38.5 W (117.7607)	1436.0	MNLO
HWV	Hinton ..... West Virginia, U.S.A. opened 197804.	37 35 26.0 N (37.5906)	80 50 27.0 W ( 80.8408)	521.0	BLA
HWZ	R Hwange (Wankie) ..... Zimbabwe	18 19 48.8 S (18.3302)	26 30 12.1 E ( 26.5034)	...	BUL
HXI	(Alternate Abbreviation for GYA)				
HY-	(Alternate Abbreviation for HY-MA)				
HY-MA	C Hysham ..... Montana, U.S.A. 19641130-19650919.	45 58 22.0 N (45.9728)	107 04 54.0 W (107.0817)	975.0	LRSB

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
HYA	Hoyanger ..... Norway	61 09 57.6 N (61.1660)	6 11 13.2 E ( 6.1870)	30.0	BER
HYB	Hyderabad—Nat. Geophysical Research Inst. .... Andhra Pradesh, India opened 19671211.	17 25 01.0 N (17.4169)	78 33 11.0 E ( 78.5531)	510.0	
HYC	CD Haney ..... British Columbia, Canada 19750901-19800704.	49 15 56.0 N (49.2656)	122 34 23.0 W (122.5731)	150.0	WCTN
HYD	C Hyderabad ..... Andhra Pradesh, India closed 196712.	17 26 .. N (17.4333)	78 27 .. E ( 78.4500)	528.0	
HYF	D Humbligny ..... Berry, France	47 16 06.5 N (47.2685)	2 38 22.0 E ( 2.6394)	428.0	LDG
HYS	R Haystack Butte ..... San Bernardino County, California, U.S.A. opened 198203.	34 51 49.8 N (34.8638)	117 34 07.2 W (117.5687)	867.0	PAS
HYT	Haines Junction ..... Yukon Territory, Canada opened 19810727.	60 49 30.0 N (60.8250)	137 30 13.5 W (137.5038)	1416.0	OTTR
HYX	Hoyt Mine ..... Nevada, U.S.A. opened 198001.	39 46 22.1 N (39.7728)	117 45 47.9 W (117.7633)	1661.0	REN
HZA	R Huzimizaka ..... Nagano, Honshu, Japan opened 195807.	36 23 57.0 N (36.3992)	138 32 28.0 E (138.5411)	2232.0	ERIJ
IAA	C In Amquel (Issek Toufreg) ..... Algeria	23 49 20.0 N (23.8222)	5 10 30.0 E ( 5.1750)	...	
IAG	R Institut Agronomique ..... Guadeloupe	16 05 02.4 N (16.0840)	61 36 00.0 W ( 61.6000)	250.0	FDF
IAS	Iasi ..... Romania opened 19511210.	47 11 36.0 N (47.1933)	27 33 42.0 E ( 27.5617)	160.0	BUC
IAV	R Isla Aves ..... Venezuela	15 42 .. N (15.7000)	63 36 .. W ( 63.6000)	...	CAR
IBK	Innsbruck ..... Austria opened 197303.	47 15 38.0 N (47.2606)	11 23 05.0 E ( 11.3847)	580.0	FUR
IBU	C Ibukiyama (Ibukisan) ..... Shiga, Honshu, Japan (Alternate Abbreviation for IC-GL)	35 22 42.0 N (35.3783)	136 22 36.0 E (136.3767)	30.0	
IC- IC-GL	C Ice Cap ..... Greenland 19660708-19670828.	77 56 48.0 N (77.9467)	39 11 00.0 E ( 39.1833)	2365.0	LRSM
ICA	Ica ..... Peru	14 04 30.0 S (14.0750)	75 43 30.0 W ( 75.7250)	500.0	LIM
ICH	R Ichihara ..... Chiba, Honshu, Japan opened 197904	35 24 03.2 N (35.4009)	140 10 36.5 E (140.1768)	-146.0	CDPJ
ICR	Volcan Irazu ..... Costa Rica Also sent to NEIS by ICRE.	9 58 51.0 N ( 9.9808)	83 49 49.8 W ( 83.8305)	3306.0	SJR
ICRE	F Instituto Costarricense de Electricidad, San Jose				
ICY	R Ichiyama ..... Shizuoka, Honshu, Japan opened 197511.	34 54 12.0 N (34.9033)	138 56 00.0 E (138.9333)	210.0	ERIJ
IDA	C Idaho Array ..... Idaho, U.S.A.	43 47 12.0 N (43.7867)	113 01 21.0 W (113.0225)	1524.0	
IDC	R Isla del Cano ..... Costa Rica	...	...	...	HDC
IDE	Isla Desecheo ..... Puerto Rico opened 19770215.	18 23 11.1 N (18.3864)	67 28 46.3 W ( 67.4795)	218.0	USGS
IDR	Barrage Idriss Premier ..... Morocco opened 197906.	34 09 57.6 N (34.1660)	4 45 00.0 W ( 4.7500)	...	SPGM
IFR	Ifrane ..... Morocco opened 19641101.	33 30 59.7 N (33.5166)	5 07 37.9 W ( 5.1272)	1630.0	SPGM
IGL	Igloolik ..... Northwest Territories, Canada opened 19750903.	69 22 36.0 N (69.3767)	81 48 24.0 W ( 81.8067)	38.0	OTTR
IGM	R Isla Guadalupe ..... Baja California, Mexico	28 53 03.0 N (28.8842)	118 17 30.0 W (118.2917)	65.0	UNM
IGR	R Igron ..... Tajik S.S.R., U.S.S.R.	38 18 .. N (38.3000)	69 18 .. E ( 69.3000)	...	MOSR
IGS	F Institute of Geological Sciences, Edinburgh, UK				
IHR	Ishihara ..... Kochi, Shikoku, Japan opened 19670401.	33 41 16.6 N (33.6879)	133 28 16.2 E (133.4712)	510.0	URS
IIC	D Santa Rita Coyatepec ..... Mexico, Mexico Also sent to NEIS by MEX. Also sent to NEIS by UNM.	19 46 01.2 N (19.7670)	99 15 28.8 W ( 99.2580)	2725.0	IIM
IID	Iida ..... Nagano, Honshu, Japan	35 30 36.0 N (35.5100)	137 50 06.0 E (137.8350)	482.0	JMA
IIDJ	Iida Outpost ..... Nagano, Honshu, Japan opened 197803.	35 28 48.0 N (35.4800)	137 54 42.0 E (137.9117)	630.0	JMA

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
III	Iguala--Cerro de Tuxpan ..... Guerrero, Mexico Also sent to NEIS by MEX. Also sent to NEIS by UNM.	18 22 33.6 N (18.3760)	99 28 04.8 W ( 99.4680)	1750.0	IIM
IIM	Instituto de Ingenieria, UNAM ..... Distrito Federal, Mexico Also sent to NEIS by MEX. Also sent to NEIS by UNM.	19 19 33.5 N (19.3260)	99 10 55.2 W ( 99.1820)	2275.0	IIM
IIP	D El Pino ..... Mexico, Mexico Also sent to NEIS by MEX. Also sent to NEIS by UNM.	19 20 48.0 N (19.3467)	98 55 01.2 W ( 98.9170)	2650.0	IIM
IIS	Int'l Inst. of Seismology and Earthquake Eng. .... Tokyo, Honshu, Japan	35 42 35.0 N (35.7097)	139 41 50.0 E (139.6972)	25.0	
IIT	D Tonantzintla ..... Puebla, Mexico Also sent to NEIS by MEX. Also sent to NEIS by UNM.	19 01 15.6 N (19.0210)	98 18 30.0 W ( 98.3083)	2205.0	IIM
IJDJ	(Alternate Abbreviation for IIDJ)				
IJF	Robinson Crusoe Island ..... Juan Fernandez Islands, Valparaiso, Chile	33 37 .. S (33.6167)	78 50 .. W ( 78.8333)	6.0	
IK-	(Alternate Abbreviation for IK-AR)				
IK-AR	C Ink ..... Arkansas, U.S.A. 19621110-19621213.	34 37 10.0 N (34.6194)	94 06 09.0 W ( 94.1025)	305.0	LRSM
IKJ	C Ikusaka ..... Nagano, Honshu, Japan 196807-19700315.	36 25 18.5 N (36.4218)	137 56 38.6 E (137.9441)	500.0	ERIJ
IKP	D Inkaph ..... San Diego County, California, U.S.A. opened 197211.	32 38 55.8 N (32.6488)	116 06 28.8 W (116.1080)	957.0	PAS
IKZ	R Isaka ..... Zambia opened 1984.	10 10 16.5 S (10.1713)	32 38 45.5 E ( 32.6460)	1350.0	LSZ
ILA	I-lan (Ylan, Giran) ..... China (Taiwan) opened 1936.	24 46 .. N (24.7667)	121 45 .. E (121.7500)	7.0	TAP
ILG	C Inge Lehmann ..... Greenland 19660826-19677	77 56 48.0 N (77.9467)	39 11 00.0 W ( 39.1833)	2401.0	
ILI	C Ili ..... Kazakh S.S.R., U.S.S.R. (43.9167)	43 55 .. N ( 77.1000)	77 06 .. E ( 77.1000)	...	
ILM	Iliamna ..... Western Alaska, Alaska, U.S.A. opened 19710807.	60 10 55.2 N (60.1820)	152 48 58.2 W (152.8162)	550.0	AGS
ILN	C Island Lagoon ..... South Australia, Australia 197003-197303.	31 23 35.0 S (31.3931)	136 52 12.0 E (136.8700)	137.0	ADE
ILO	C Iloilo ..... Panay, Philippines (10.7000)	10 42 .. N (10.7000)	122 34 .. E (122.5667)	...	
ILT	Iultin ..... Magadanskaya Oblast, R.S.F.S.R., U.S.S.R. (67.9000)	67 54 .. N (67.9000)	178 42 .. W (178.7000)	...	MOS
IMA	Indian Mountain ..... Western Alaska, Alaska, U.S.A. opened 19710805. USTN opened 1985.	66 04 06.5 N (66.0685)	153 40 43.0 W (153.6786)	1380.0	PMR USTN
(IMA)	see international code IMAT				
IMAT	R Imadeyama ..... Iwate, Honshu, Japan opened 196808. TOH code IMA.	39 06 24.0 N (39.1067)	141 45 36.0 E (141.7600)	519.0	TOH
IMG	R Imogone ..... Miyama, Hokkaido, Japan (42.3905)	42 23 25.7 N (42.3905)	140 08 39.8 E (140.1444)	90.0	HSS
IMJ	R Imajo ..... Fukui, Honshu, Japan opened 197211.	35 47 53.4 N (35.7982)	136 18 10.0 E (136.3028)	240.0	DR1
IMO	Isla Mona ..... Puerto Rico opened 19770215.	18 06 41.1 N (18.1114)	67 54 30.5 W ( 67.9085)	84.0	USGS
IMP	Imphol ..... Manipur, India (24.7833)	24 47 .. N (24.7833)	93 56 .. E ( 93.9333)	...	ND1
IMR	C Isla Mona ..... Puerto Rico 19751114-19770110.	18 05 18.1 N (18.0884)	67 50 46.6 W ( 67.8463)	55.0	USGS
IMW	Indian Meadow ..... Wyoming, U.S.A. (43.8970)	43 53 49.2 N (43.8970)	110 56 21.0 W (110.9392)	2646.0	USTN
IN1	Indiana Array ..... Indiana, U.S.A. opened 1980.	40 32 31.2 N (40.5420)	85 53 37.0 W ( 85.8936)	...	AAM
IN2	Indiana Array ..... Indiana, U.S.A. opened 1980.	39 56 20.4 N (39.9390)	86 46 59.3 W ( 86.7831)	...	AAM
IN3	Indiana Array ..... Indiana, U.S.A. opened 1980.	39 15 55.0 N (39.2653)	85 47 07.5 W ( 85.7854)	...	AAM
IN4	Indiana Array ..... Indiana, U.S.A. opened 1980.	39 34 11.1 N (39.5697)	84 54 10.4 W ( 84.9029)	...	AAM
INA	C Iinan ..... Mie, Honshu, Japan 196507-197007.	34 26 46.6 N (34.4463)	136 22 29.2 E (136.3748)	160.0	ERIJ



Code		Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
INB	R	Inuba ..... Chiba, Honshu, Japan opened 197203.	35 42 11.0 N (35.7031)	140 51 37.2 E (140.8603)	32.0	ERIJ
INC	C	Inchon (Tyosen, Zinsen) ..... South Korea	37 29 .. N (37.4833)	126 38 .. E (126.6333)	70.0	
IND		Independence ..... Sierra County, California, U.S.A. opened 197711.	39 26 03.5 N (39.4343)	120 17 30.1 W (120.2917)	2146.0	REN
(IND)		see international code INDC				
INDC	R	India Hills ..... Riverside County, California, U.S.A. opened 198108. PAS code IND.	33 48 58.2 N (33.8162)	116 13 46.8 W (116.2297)	354.0	PAS
INDN		Indianola ..... Nebraska, U.S.A.	40 11 33.0 N (40.1925)	100 24 00.6 W (100.4002)	762.0	LAK
INF	R	Infanta ..... Luzon, Philippines opened 1972.	14 45 00.0 N (14.7500)	121 38 48.0 E (121.6467)	5.0	MAN
ING	D	Ingram Ranch ..... Imperial County, California, U.S.A. opened 197303.	32 59 18.0 N (32.9883)	115 18 36.6 W (115.3102)	2.0	PAS
INH		Isangel ..... Vanuatu Islands opened 19700610.	19 32 50.0 S (19.5472)	169 16 23.0 E (169.2731)	110.0	NOU
INK		Inuvik ..... Northwest Territories, Canada opened 19690222.	68 18 24.0 N (68.3067)	133 31 12.0 W (133.5200)	40.0	OTT
(INM)		see international code INMK				
INMG	F	Inst Nacional de Meteorologia e Geafisica, Lisbon				
INMK	U	Ichinamiya ..... Takushima, Shikoku, Japan 197309-197405. KYT code INM.	34 01 42.3 N (34.0284)	134 27 58.8 E (134.4663)	50.0	KYT
INN	C	Innsbruck ..... Austria	47 16 .. N (47.2667)	11 24 .. E ( 11.4000)	575.0	
INR		Itanagar ..... Arunachal Pradesh, India opened 198105.	27 03 .. N (27.0500)	93 17 .. E ( 93.2833)	...	JHI
INS	D	Inspiration ..... Riverside County, California, U.S.A. opened 197404.	33 56 08.2 N (33.9356)	116 11 39.6 W (116.1943)	1700.0	PAS
(INS)		see international code INSS				
INSS	R	Institut ..... Kamchatskaya Oblast, R S.F.S.R., U.S.S.R. MOS code INS.	53 36 .. N (53.6000)	158 06 .. E (158.1000)	...	MOSR
INU	D	Inuyama ..... Aichi, Honshu, Japan opened 196606.	35 20 55.8 N (35.3488)	137 01 02.7 E (137.0174)	140.0	NGY
INV	C	Inverloch ..... New South Wales, Australia 1959-19830614.	34 58 .. S (34.9667)	149 40 .. E (149.6667)	650.0	CAN
INY		Ithaca ..... New York, U.S.A. opened 19720805.	42 26 37.7 N (42.4438)	76 29 00.9 W ( 76.4836)	238.0	INY
IO-		(Alternate Abbreviation for IO-NV)				
IO-NV	C	Ione ..... Nevada, U.S.A.	38 31 33.0 N (38.5258)	117 38 20.0 W (117.6389)	1737.0	LRSM
IPB	F	(phase code designation)				
IPC	F	(phase code designation)				
IPD	F	(phase code designation)				
IPG	F	(phase code designation)				
IPM		Ipah ..... Peninsular Malaysia, Malaysia opened 19790526.	4 34 46.2 N ( 4.5795)	101 01 31.8 E (101.0255)	246.0	KLM
IPN	F	(phase code designation)				
IPR	F	(phase code designation)				
IPU	F	(phase code designation)				
IQO		Iquique ..... Tarapaca, Chile opened 1976.	20 14 27.0 S (20.2408)	70 07 40.0 W ( 70.1278)	...	SAN
IR1	D	Iran Long-Period Array ..... Iran opened 197601.	35 24 58.2 N (35.4162)	50 41 19.5 E ( 50.6888)	1347.0	TEH
IR2	D	Iran Long-Period Array ..... Iran opened 197601.	35 39 46.1 N (35.6628)	50 53 51.5 E ( 50.8976)	1172.0	TEH
IR3	D	Iran Long-Period Array ..... Iran opened 197601.	35 28 34.0 N (35.4761)	51 01 25.5 E ( 51.0237)	1106.0	TEH
IR4	D	Iran Long-Period Array ..... Iran opened 197601.	35 14 19.3 N (35.2387)	50 54 04.2 E ( 50.9012)	1373.0	TEH
IR5	D	Iran Long-Period Array ..... Iran opened 197601.	35 12 46.2 N (35.2128)	50 34 52.0 E ( 50.5811)	1350.0	TEH
IR6	D	Iran Long-Period Array ..... Iran opened 197601.	35 28 25.2 N (35.4737)	50 25 32.2 E ( 50.4256)	1540.0	TEH
IR7	D	Iran Long-Period Array ..... Iran opened 197601.	35 42 10.1 N (35.7028)	50 36 32.0 E ( 50.6089)	1305.0	TEH

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
IRC	D Iron Canyon ..... Los Angeles County, California, U.S.A. opened 19711101.	34 23 24.0 N (34.3900)	118 24 00.0 W (118.4000)	580.0	PAS
IRK	Irkutsk ..... Irkutskaya Oblast, R.S.F.S.R., U.S.S.R.	52 16 18.0 N (52.2717)	104 18 36.0 E (104.3100)	467.0	MOS
IRN	RD Iron Mountains ..... San Bernardino County, California, U.S.A. opened 197409.	34 09 36.0 N (34.1600)	115 11 02.4 W (115.1840)	980.0	PAS
IRS	R Iris ..... Imperial County, California, U.S.A. opened 198307.	33 11 27.0 N (33.1908)	115 25 45.0 W (115.4292)	-10.0	PAS
IRZ	C Volcan Irazu ..... Costa Rica 19840317-1985.	9 58 27.9 N ( 9.9744)	83 51 56.6 W ( 83.8657)	3380.0	HDC
IRZ2	Volcan Irazu ..... Costa Rica opened 1985.	9 58 07.8 N ( 9.9688)	83 53 51.0 W ( 83.8975)	2975.0	HDC
ISA	D Isabella ..... Kern County, California, U.S.A. opened 19540106.	35 39 48.0 N (35.6633)	118 28 24.0 W (118.4733)	835.0	PAS
ISB	F (phase code identification)				
ISC	F International Seismological Centre, U.K.				
ISE	Ise ..... Mie, Honshu, Japan opened 196310.	34 27 30.6 N (34.4585)	136 46 26.3 E (136.7740)	440.0	ERIJ
ISF	C Isfjord ..... Svalbard, Norway	78 03 33.0 N (78.0592)	13 38 25.0 E ( 13.6403)	5.0	
ISG	F (phase code identification)				
ISH	Ishtion ..... Tajik S.S.R., U.S.S.R.	38 50 .. N (38.8333)	70 47 .. E ( 70.7833)	...	
ISI	Ishigaki-shima ..... Ryukyu Islands, Japan	24 20 .. N (24.3333)	124 10 .. E (124.1667)	6.0	JMA
(ISI)	see international code ISIK				
ISIK	R Ishii ..... Tokushima, Shikoku, Japan opened 197410. KYT code ISI.	34 03 26.4 N (34.0573)	134 27 29.0 E (134.4581)	27.0	KYT
ISK	Istanbul--Kandilli ..... Turkey	41 03 56.0 N (41.0656)	29 03 33.0 E ( 29.0592)	132.0	ISK
ISN	Ishinomaki ..... Miyagi, Honshu, Japan	38 25 30.0 N (38.4250)	141 18 12.0 E (141.3033)	44.0	JMA
ISO	Isola ..... Provence, France opened 196001.	44 11 .. N (44.1833)	7 03 .. E ( 7.0500)	870.0	
ISQ	Mount Isa ..... Queensland, Australia opened 197907.	20 42 54.0 S (20.7150)	139 33 12.0 E (139.5533)	500.0	
ISR	Istrito ..... Romania opened 197703.	45 08 16.0 N (45.1378)	26 32 41.0 E ( 26.5447)	750.0	BUC
ISS	F (phase code identification)				
ISSF	Issarbe ..... Beorn, France	43 01 40.1 N (43.0278)	0 47 43.1 W ( 0.7953)	1210.0	PAR
IST	Istanbul ..... Turkey opened 19620220, moved slightly 19690715.	41 02 44.0 N (41.0456)	28 59 45.0 E ( 28.9958)	50.0	IST WWSS
ISTOP	F (keyword for telegraphic format)				
ISU	R Indiana State University ..... Indiana, U.S.A.	39 28 17.0 N (39.4714)	87 24 27.0 W ( 87.4075)	148.0	
ITA	Itatiaia ..... Rio de Janeiro, Brazil	22 22 32.0 S (22.3756)	44 42 06.0 W ( 44.7017)	2530.0	VAO
ITB	Itaipu ..... Parana, Brazil	24 47 37.0 S (24.7936)	54 12 32.0 W ( 54.2089)	300.0	BDF
ITB1	Itaipu ..... Parana, Brazil opened 1983.	24 38 48.0 S (24.6467)	54 23 19.0 W ( 54.3886)	...	BDF
ITB7	Itaipu ..... Parana, Brazil opened 1983?	25 07 20.0 S (25.1222)	54 10 31.0 W ( 54.1753)	400.0	BDF
ITD	R Itadori ..... Gifu, Honshu, Japan opened 197804.	35 43 25.6 N (35.7238)	136 46 49.3 E (136.7804)	390.0	NGY
ITG	Itzapa ..... Guatemala Opened 1984.	14 35 48.6 N (14.5968)	90 50 43.8 W ( 90.8455)	2320.0	GCG
(ITG)	see international code ITGE				
ITGE	U Itoigawa ..... Niigata, Honshu, Japan 197011-197303. ERIJ code ITG.	37 00 29.4 N (37.0082)	137 59 57.0 E (137.9992)	270.0	ERIJ
ITH	C Ithaca ..... New York, U.S.A. 1909-1940's.	42 27 .. N (42.4500)	76 29 .. W ( 76.4833)	243.0	
ITM	Ithomi ..... Greece opened 19741001.	37 10 47.0 N (37.1797)	21 55 36.0 E ( 21.9267)	400.0	ATH
ITO	C Ito ..... Shizuoka, Honshu, Japan moved 193706; closed 194909.	34 58 .. N (34.9667)	139 06 .. E (139.1000)	...	JMA
ITR	Itapirica ..... Pernambuco, Brazil	8 45 41.0 S ( 8.7614)	38 25 24.0 W ( 38.4233)	321.0	

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
ITZ	Itezhi-Tezhi ..... Zambia opened 1984.	15 46 11.0 S (15.7697)	26 02 10.0 E ( 26.0361)	1106.0	LSZ
IVA	Ivangrad ..... Yugoslavia opened 19821225.	42 52 18.3 N (42.8718)	19 53 53.2 E ( 19.8981)	945.0	TTG
IVI	C Ivigtut ..... Greenland	61 12 .. N (61.2000)	48 11 .. W ( 48.1833)	20.0	COP
IVT	Ira ..... Vermont, U.S.A.	43 31 19.6 N (43.5221)	73 03 11.9 W ( 73.0533)	295.0	WES
IVY	R Inverloch ..... New South Wales, Australia opened 19830614.	34 58 20.0 S (34.9722)	149 43 06.0 E (149.7183)	...	CAN
IWJ	R Iwai-Kita ..... Chiba, Hanshu, Japan opened 197105. CDPJ code IWJ.	35 05 53.2 N (35.0981)	139 52 17.0 E (139.8714)	...	CDPJ
IWK	R Iwaki ..... Fukushima, Hanshu, Japan see international code IWJ	37 00 00.0 N (37.0000)	140 56 56.4 E (140.9490)	35.0	TOH
(IWK)					
IWN	RD Iwanai (Obihiro City) ..... Tokachi, Hokkaido, Japan opened 19760701.	42 40 13.8 N (42.6705)	143 02 46.4 E (143.0462)	235.0	HSS
IWO	U Iwaosan ..... Mie, Hanshu, Japan 19630721-19680917.	34 52 57.0 N (34.8825)	136 07 56.0 E (136.1322)	400.0	KYT
IWT	R Iwatsuki ..... Saitama, Hanshu, Japan opened 197303	35 55 32.9 N (35.9258)	139 44 17.2 E (139.7381)	-3501.0	CDPJ
IXG	Ixtaco ..... Guatemala	...	...	...	GCG
IXT	C Ixtapalapa ..... Distrito Federal, Mexico	19 24 .. N (19.4000)	99 06 .. W ( 99.1000)	...	
IZK	C Iizuka ..... Fukuoka, Kyushu, Japan	33 39 .. N (33.6500)	130 42 .. E (130.7000)	...	
IZM	Izmir ..... Turkey opened 19730318.	38 23 52.0 N (38.3978)	27 15 45.0 E ( 27.2625)	632.0	ISK
(IZM)	see international code IZMH				
IZMH	R Iizume ..... Aomori, Hanshu, Japan opened 197305. HRS code IZM.	40 50 01.6 N (40.8338)	140 29 54.7 E (140.4985)	30.0	HRS
IZN	R Iznik ..... Turkey opened 197811.	40 26 01.7 N (40.4338)	29 45 37.8 E ( 29.7605)	195.0	
IZT	R Izumi ..... Hyaga, Hanshu, Japan opened 196506.	34 58 20.0 N (34.9722)	134 53 15.5 E (134.8876)	230.0	DRI
IZU	Izuhara ..... Nagasaki, Kyushu, Japan (Alternate Abbreviation for JA-MN)	34 12 12.0 N (34.2033)	129 17 42.0 E (129.2950)	22.0	JMA
JA-MN	C Jasper ..... Minnesota, U.S.A.	43 53 24.0 N (43.8900)	96 19 17.0 W ( 96.3214)	518.0	LRSN
JAC	C Jacksonville ..... Florida, U.S.A. 1950-1956.	30 25 .. N (30.4167)	81 39 .. W ( 81.6500)	9.0	
JACH	Jahuel ..... Aconcagua, Chile opened 198212?	32 40 54.7 S (32.6819)	70 35 34.6 W ( 70.5929)	1075.0	SAN
(JAL)	see international code AMC				
JALM	(Alternate Abbreviation for AMC)				
JAN	Janina ..... Greece	39 39 24.0 N (39.6567)	20 51 03.0 E ( 20.8508)	540.0	ATH
JAQ	D La Grande-3 ..... Quebec, Canada ECTN 19810323-19821122; reopened 19840401.	53 48 08.0 N (53.8022)	75 43 16.0 W ( 75.7211)	366.0	ECTN
JAS	CD Jamestown ..... Tuolumne County, California, U.S.A. 19640828-19840630. DWSS 19801001-19840630. Moved to JAS1.	37 56 48.0 N (37.9467)	120 26 18.0 W (120.4383)	457.0	BRK DWSS USTN
JAS1	D Jamestown ..... Tuolumne County, California, U.S.A. opened 19840703.	37 55 36.0 N (37.9267)	120 25 12.0 W (120.4200)	425.0	BRK DWSS USTN
JAT	Jato ..... Guatemala opened 1979.	14 19 04.8 N (14.3180)	91 38 12.0 W ( 91.6367)	68.0	GCG
JAU	Jaout ..... Bearn, France	43 02 16.8 N (43.0380)	0 22 09.5 W ( 0.3693)	1545.0	PAR
JAY	Jayapura ..... Irian Jaya, Indonesia opened 19730401.	2 30 53.4 S ( 2.5148)	140 42 16.8 E (140.7047)	400.0	DJA
(JBC)	see international code LT15				
JBCM	(Alternate Abbreviation for LT15)				
(JBG)	see international code BGH				
JBGM	(Alternate Abbreviation for BGH)				
(JBL)	see international code JBLM				
JBLM	Camp Ben Lomond ..... Santa Cruz County, California, U.S.A. opened 19760427. MNLO code JBL.	37 07 40.1 N (37.1278)	122 09 58.7 W (122.1663)	792.0	MNLO
(JBM)	see international code JBMM				

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
JBMM -		Black Mountain ..... Santa Clara County, California, U.S.A. opened 19750224. MNLO code JBM.	37 19 05.5 N (37.3182)	122 09 09.7 W (122.1527)	820.0	MNLO
JBO	C	La Grande-3 ..... Quebec, Canada closed 19821116	53 36 37.0 N (53.6103)	75 36 19.0 W ( 75.6053)	381.0	
(JBZ)		see international code JBZM				
JBZM		Buzzard Lagoon Road ..... Santa Cruz County, California, U.S.A. opened 19751007. MNLO code JBZ.	37 01 04.1 N (37.0178)	121 47 08.9 W (121.7858)	213.0	MNLO
(JCB)		see international code CBO				
JCBM		(Alternate Abbreviation for CBO)				
JCE1	R	John's Creek ..... Oklahoma, U.S.A. opened 19810723.	35 34 52.3 N (35.5812)	97 54 01.1 W ( 97.9003)	413.0	TUL
JCK		Jackeroth ..... Nordrhein-Westfalen, Fed. Rep. of Germany opened 1981.	51 02 10.8 N (51.0363)	6 25 54.6 E ( 6.4318)	-240.0	
JCQ	C	La Grande-3 ..... Quebec, Canada closed 19821106	53 28 02.0 N (53.4672)	75 49 27.0 W ( 75.8242)	320.0	
JCR		Jicoral ..... Costa Rica Also sent to NEIS by ICRE.	9 51 01.2 N ( 9.8503)	83 06 58.8 W ( 83.1163)	582.0	SJR
JCT		Junction ..... Texas, U.S.A. opened 19650301.	30 28 46.0 N (30.4794)	99 48 08.0 W ( 99.8022)	591.0	WWSS
JCV	R	Junquita-Caracas ..... Venezuela	...	...	...	CAR
JCW		Jim Creek ..... Washington, U.S.A. opened 19710218.	48 11 36.6 N (48.1935)	121 55 46.2 W (121.9295)	616.0	SEA
JE-		(Alternate Abbreviation for JE-LA)				
JE-LA	C	Jena ..... Louisiana, U.S.A. 19640206-19641123; 19661116-19670116.	31 47 05.0 N (31.7847)	92 00 55.0 W ( 92.0153)	46.0	LRSM
(JEC)		see international code EUC				
JEC1		Jenson Cabin ..... Idaho, U.S.A. opened 198312.	44 22 19.8 N (44.3722)	114 11 03.0 W (114.1842)	2135.0	SLC
JECM		(Alternate Abbreviation for EUC)				
(JEG)		see international code JEGM				
JEGM		El Granada ..... San Mateo County, California, U.S.A. opened 19750210. MNLO code JEG.	37 30 50.4 N (37.5140)	122 27 44.3 W (122.4623)	202.0	MNLO
JEN	C	Jena ..... German Dem. Rep. closed 19641101.	50 57 07.0 N (50.9519)	11 35 00.0 E ( 11.5833)	193.0	
JER		Jerusalem ..... Israel opened 1954. WWSS opened 19640801.	31 46 19.0 N (31.7719)	35 11 50.0 E ( 35.1972)	770.0	JER WWSS
JFS		Joseph F. Staten ..... Kern County, California, U.S.A. opened 197906.	35 21 03.0 N (35.3508)	117 40 12.0 W (117.6700)	1433.0	PAS
JGI		Juniper Gulch ..... Idaho, U.S.A. opened 19791106.	44 05 33.4 N (44.0926)	112 40 36.8 W (112.6769)	1657.0	USGS
JHC		Johnson Canyon ..... Monterey County, California, U.S.A. opened 19690618. MNLO code BJC.	36 32 49.2 N (36.5470)	121 23 31.8 W (121.3922)	207.0	MNLO
JHI		Jorhat ..... Assam, India opened 1979.	26 44 .. N (26.7333)	94 10 .. E ( 94.1667)	84.0	JHI
(JHL)		see international code JHLM				
JHLM		Holstrom Ranch ..... Santa Cruz County, California, U.S.A. opened 19751002. MNLO code JHL.	37 06 33.5 N (37.1093)	121 49 57.0 W (121.8325)	908.0	MNLO
JHN		Jahnsen ..... Nebraska, U.S.A. opened 197812.	40 26 48.0 N (40.4467)	96 01 07.3 W ( 96.0187)	335.0	LAK
JHP		Judd Hill Plantation ..... Arkansas, U.S.A. opened 19750210. MNLO code JHP.	35 36 18.0 N (35.6050)	90 30 36.0 W ( 90.5100)	68.0	
(JHP)		see international code JHPM				
JHPM		Huddart Park ..... San Mateo County, California, U.S.A. MNLO code JHP.	37 26 39.0 N (37.4442)	122 18 05.4 W (122.3015)	347.0	MNLO
JIG		Jinotega ..... Nicaragua opened 1975.	13 12 04.2 N (13.2012)	85 46 15.0 W ( 85.7708)	1249.0	APY
JIN	C	Jindabyne ..... New South Wales, Australia 1958-19720809.	36 26 22.0 S (36.4394)	148 35 35.0 E (148.5931)	960.0	CAN
JIZ	R	Nakaizu ..... Shizuoka, Honshu, Japan opened 197612	34 54 46.4 N (34.9129)	138 59 48.5 E (138.9968)	263.0	CDPJ
JKM		Jackman ..... Maine, U.S.A.	45 39 19.8 N (45.6555)	70 14 33.4 W ( 70.2426)	378.0	WES
(JLT)		see international code LTW				
JLTM		(Alternate Abbreviation for LTW)				

## TABLE 1

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TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
JRRM		Redwood Retreat ..... Santo Cruz County, California, U.S.A. opened 19760109. MNLO code JRR.	37 03 16.2 N (37.0545)	121 43 36.5 W (121.7268)	408.0	MNLO
JRS	C	Jersey ..... Channel Islands, United Kingdom	49 11 32.0 N (49.1922)	2 05 55.0 W ( 2.0986)	53.0	
JRTX		Jordon Ranch ..... Texas, U.S.A. opened 1979?	32 56 02.4 N (32.9340)	100 57 10.8 W (100.9530)	804.0	
JRWM	R	Joshua Ridge West ..... Inyo County, California, U.S.A. opened 19750925.	35 59 39.5 N (35.9943)	117 49 17.4 W (117.8215)	1366.0	MNLO
JS-		(Alternate Abbreviation for JS-TN)				
JS-TN	C	Jackson ..... Tennessee, U.S.A. 19611211-19611219; 19620510-19620628.	35 39 20.0 N (35.6556)	88 36 46.0 W ( 88.6128)	152.0	LRSM
(JSA)		see international code SAC				
JSAM		(Alternate Abbreviation for SAC)				
JSC		Jenkinsville ..... South Carolina, U.S.A. opened 19740520.	34 16 44.0 N (34.2789)	81 15 29.0 W ( 81.2581)	120.0	USGS USTN
(JSC)		see international code SEC				
JSCM		(Alternate Abbreviation for SEC)				
(JSF)		see international code SFT				
JSFM		(Alternate Abbreviation for SFT)				
JSGM		(Alternate Abbreviation for SGC)				
(JSJ)		see international code SJH				
JSJM		(Alternate Abbreviation for SJH)				
JSM	R	Jim Sage Mountain ..... Idaho, U.S.A.	42 07 52.8 N (42.1313)	113 22 57.0 W (113.3825)	1524.0	SLCI
(JSM)		see international code JSMM				
JSMM		Sawmill Road ..... Santo Cruz County, California, U.S.A. opened 19710714. MNLO code JSM.	37 12 44.3 N (37.2123)	122 10 03.7 W (122.1677)	262.0	MNLO
JSO	F	Jordan Seismological Observatory				
(JSS)		see international code SOS				
JSSM		(Alternate Abbreviation for SOS)				
(JST)		see international code JSTM				
JSTM		Santa Teresa Hills ..... Santa Clara County, California, U.S.A. opened 19751002. MNLO code JST.	37 12 24.5 N (37.2068)	121 47 50.3 W (121.7973)	149.0	MNLO
JSTOP	F	(keyword for telegraphic format)				
(JTG)		see international code JTGM				
JTGM		Trout Gulch Road ..... Santo Cruz County, California, U.S.A. opened 19751002. MNLO code JTG.	37 01 42.6 N (37.0285)	121 52 34.7 W (121.8763)	253.0	MNLO
JTR	R	Joshua Tree Park ..... Riverside County, California, U.S.A. opened 198106.	33 48 50.4 N (33.8140)	115 54 00.6 W (115.9002)	1372.0	PAS
JU-		(Alternate Abbreviation for JU-TX)				
JU-TX	C	Juno ..... Texas, U.S.A. 19640404-19640811.	30 06 43.0 N (30.1119)	101 04 38.0 W (101.0772)	533.0	LRSM
(JUC)		see international code JUCM				
JUCM		Univ. of California, Santa Cruz ..... Santo Cruz County, California, U.S.A. opened 19750129. MNLO code JUC.	37 00 04.3 N (37.0012)	122 02 54.6 W (122.0485)	177.0	MNLO
JUD		Juan Diaz ..... Costa Rica opened 198411.	10 09 43.2 N (10.1620)	85 32 49.9 W ( 85.5472)	844.0	HDC
JUE		Juelich ..... Nordrhein-Westfalen, Fed. Rep. of Germany opened 197411.	50 54 45.9 N (50.9128)	6 24 35.2 E ( 6.4098)	97.0	BNS
JUG	C	Jugenheim ..... Hessen, Fed. Rep. of Germany	49 46 .. N (49.7667)	8 36 .. E ( 8.6000)	...	
JUJ		Jujuy ..... Jujuy, Argentina	24 14 45.0 S (24.2458)	65 16 22.0 W ( 65.2728)	1270.0	
JUL	F	(keyword for telegraphic format)				
(JUL)		see international code JULC				
JULC		Julian ..... San Diego County, California, U.S.A. opened 197804. PAS code JUL.	33 02 54.0 N (33.0483)	116 36 46.2 W (116.6128)	1292.0	PAS
JULY	F	(keyword for telegraphic format)				
JUM	R	Jug ..... New Mexico, U.S.A.	35 54 18.0 N (35.9050)	106 40 06.0 W (106.6683)	2400.0	
JUN	F	(keyword for telegraphic format)				
JUNE	F	(keyword for telegraphic format)				
JWA	C	Jwalamukhi ..... Himachal Pradesh, India 19651201-?	31 52 .. N (31.8667)	76 20 .. E ( 76.3333)	...	NDI
JWSM		(Alternate Abbreviation for WDS)				
JYSA	R	..... Finland	62 46 12.0 N (62.7700)	24 52 12.0 E ( 24.8700)	...	
JYV	R	Jyvaskyla ..... Finland	.....	.....	...	HEL
K01	R	Nishinai ..... Iwate, Honshu, Japan opened 19711128.	39 23 56.0 N (39.3989)	141 36 19.0 E (141.6053)	431.0	TOH
(K01)		see international code KV01				

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
K02	R	Yamasaki ..... Iwate, Honshu, Japan opened 19711128. (K02) see international code KV02	39 22 28.0 N (39.3744)	141 35 48.0 E (141.5967)	346.0	TOH
K03	R	Shimotochinai ..... Iwate, Honshu, Japan opened 19711128. (K03) see international code KV03	39 21 30.0 N (39.3583)	141 34 39.0 E (141.5775)	289.0	TOH
K04	R	Kokoji ..... Iwate, Honshu, Japan opened 19701110. (K04) see international code KV04	39 21 40.0 N (39.3611)	141 31 09.0 E (141.5192)	477.0	TOH
K05	R	Ishipane ..... Iwate, Honshu, Japan opened 19701130. (K05) see international code KV05	39 22 56.0 N (39.3822)	141 30 50.0 E (141.5139)	463.0	TOH
K06	R	Arakawa ..... Iwate, Honshu, Japan opened 19701111. (K06) see international code KV06	39 25 05.0 N (39.4181)	141 32 47.0 E (141.5464)	363.0	TOH
K07	R	Kotohata ..... Iwate, Honshu, Japan opened 19711128.	39 24 59.0 N (39.4164)	141 39 23.0 E (141.6564)	554.0	TOH
K08	R	Monami-yama ..... Iwate, Honshu, Japan opened 19701111.	39 18 46.0 N (39.3128)	141 31 28.0 E (141.5244)	488.0	TOH
K09	R	Ooide ..... Iwate, Honshu, Japan opened 19711128. (K09) see international code KV09	39 28 27.0 N (39.4742)	141 30 41.0 E (141.5114)	446.0	TOH
K10	R	Oonadairo ..... Iwate, Honshu, Japan opened 19711128.	39 29 45.0 N (39.4958)	141 30 53.0 E (141.5147)	616.0	TOH
K11	R	Fujikirizawa ..... Iwate, Honshu, Japan opened 19711128. (K11) see international code KV11	39 28 42.0 N (39.4783)	141 31 57.0 E (141.5325)	527.0	TOH
K12	R	Koide ..... Iwate, Honshu, Japan opened 19711128. (K12) see international code KV12 (K91) see international code KV91	39 27 27.0 N (39.4575)	141 29 56.0 E (141.4989)	534.0	TOH
KAA	C	Karrotha ..... Western Australia, Australia 19710211-19720731. (KAA) see international code KUH	20 46 38.0 S (20.7772)	116 51 32.0 E (116.8589)	15.0	AUST
KAAD	D	Kabul ..... Afghanistan opened 19770510.	34 32 27.0 N (34.5408)	69 02 35.4 E ( 69.0432)	1920.0	ASRO
KAB		Kabansk ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	52 03 .. N (52.0500)	106 39 .. E (106.6500)	470.0	MOSR
KAD		Karad ..... Maharashtra, India opened 19700101. NDI code KRD. (KAD) see international code KADD	17 18 19.7 N (17.3055)	74 10 59.1 E ( 74.1831)	581.0	NDI
KADD	U	Katsuyama ..... Fukui, Honshu, Japan 197407-197504. DRI code KAD.	36 03 43.5 N (36.0621)	136 32 53.5 E (136.5482)	380.0	DRI
KAE		Kaena ..... Hawaii, Hawaii, U.S.A. opened 19730508.	19 17 21.0 N (19.2892)	155 07 57.0 W (155.1325)	37.0	HVO
KAF	D	Kangasniemi ..... Finland opened 19770831.	62 06 46.0 N (62.1128)	26 18 22.0 E ( 26.3061)	205.0	HEL
KAG		Kagoshima ..... Kagoshima, Kyushu, Japan	31 34 24.0 N (31.5733)	130 33 12.0 E (130.5533)	5.0	JMA
KAGJ		Kagoshima 2 ..... Kagoshima, Kyushu, Japan	31 11 12.0 N (31.1867)	130 53 18.0 E (130.8883)	200.0	JMA
KAH	R	Kaushut ..... Turkmen S.S.R., U.S.S.R.	37 54 .. N (37.9000)	59 54 .. E ( 59.9000)	...	MOSR
KAI		Kaimata ..... South Island, New Zealand see international code KAIM	42 31 33.0 S (42.5258)	171 24 31.0 E (171.4086)	82.0	WEL
KAIM		Koyak Island ..... Central Alaska, Alaska, U.S.A. AGS code KAI.	59 55 36.6 N (59.9268)	144 24 58.8 W (144.4163)	311.0	AGS
KAJ		Kashiwara ..... Osaka, Honshu, Japan see international code KAJD	34 30 .. N (34.5000)	135 48 .. E (135.8000)	120.0	
KAJD	R	Katsuyama ..... Fukui, Honshu, Japan opened 197506. DRI code KAJ.	36 02 55.2 N (36.0487)	136 31 41.3 E (136.5281)	300.0	DRI
KAK		Kakiaka ..... Ibaraki, Honshu, Japan	36 13 54.0 N (36.2317)	140 11 36.0 E (140.1933)	27.0	JMA
KAKJ		Kakiaka Outpost ..... Ibaraki, Honshu, Japan opened 1978.	36 12 18.0 N (36.2050)	140 10 24.0 E (140.1733)	15.0	JMA
KAL	C	Kalacs ..... Hungary	46 31 43.0 N (46.5286)	18 58 35.0 E ( 18.9764)	93.0	

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
KAM	C	Kameyama ..... Mie, Honshu, Japan	34 51 24.0 N (34.8567)	136 27 54.0 E (136.4650)	71.0	JMA
KAN		Kanazawa ..... Ishikawa, Honshu, Japan	36 32 48.0 N (36.5467)	136 38 54.0 E (136.6483)	28.0	JMA
KAO		Kapuskasing ..... Ontario, Canada opened 19820918.	49 26 54.0 N (49.4483)	82 29 06.0 W ( 82.4850)	198.0	OTTR
KAQ	U	La Grande-4 ..... Quebec, Canada 19830321-19840312.	53 59 00.0 N (53.9833)	73 31 23.0 W ( 73.5231)	472.0	ECTN
KAR		Karachi ..... Pakistan	24 56 00.0 N (24.9333)	67 08 36.0 E ( 67.1433)	34.0	QUE
KAS		Kastamonu ..... Turkey	41 22 18.0 N (41.3717)	33 46 00.0 E ( 33.7667)	850.0	IST
KAT		Kizyl-Arvat ..... Turkmen S.S.R., U.S.S.R.	39 12 .. N (39.2000)	56 16 .. E ( 56.2667)	90.0	MOS
KAU		Kao-hsiung (Kaushiong, Takao) ..... China (Taiwan)	22 37 .. N (22.6167)	120 16 .. E (120.2667)	29.0	TAP
KAV	C	Kavieng ..... New Ireland, Papua New Guinea 19710825-197405.	2 34 24.0 S ( 2.5733)	150 49 00.0 E (150.8167)	4.0	PMG
KAY		Katlanovo ..... Yugoslavia opened 196901.	41 53 45.0 N (41.8958)	21 42 06.0 E ( 21.7017)	248.0	SKO
KAZ		Karuizawa ..... Nagano, Honshu, Japan	36 20 24.0 N (36.3400)	138 33 06.0 E (138.5517)	999.0	JMA
KBA		Barrage Kaelnbrein ..... Austria opened 198111.	47 04 42.2 N (47.0784)	13 20 40.9 E ( 13.3447)	1721.0	VIE
(KBB)		see international code KBBM				
KBBM		Bear Butte ..... Humboldt County, California, U.S.A. MNLO code KBB.	40 11 49.2 N (40.1970)	123 51 00.0 W (123.8500)	576.0	MNLO
KBE	U	Kobe ..... Hyogo, Honshu, Japan 19670401-19750330. Moved slightly 19711003.	34 44 04.3 N (34.7345)	135 10 40.2 E (135.1778)	440.0	KYT
KBF		Kyburz Flat ..... Sierra County, California, U.S.A. opened 197304.	39 30 24.4 N (39.5068)	120 12 42.4 W (120.2118)	2079.0	REN
KBG	R	Krutaberegovo ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R.	56 15 .. N (56.2500)	162 42 .. E (162.7000)	...	MOSR
KBH	R	Kobugahara ..... Tochigi, Honshu, Japan opened 197009.	36 39 18.0 N (36.6550)	139 31 43.0 E (139.5286)	700.0	ERIJ
KBL		Kabul ..... Afghanistan opened 19680608.	34 32 27.0 N (34.5408)	69 02 35.4 E ( 69.0432)	1920.0	WWSS
KBN		Korca ..... Albania	40 37 25.0 N (40.6236)	20 48 51.0 E ( 20.8142)	...	TIR
(KBN)		see international code KBNM				
KBNM		Bluenose ..... Mendocino County, California, U.S.A. MNLO code KBN.	39 53 33.6 N (39.8927)	123 11 38.4 W (123.1940)	1363.0	MNLO
KBQ	R	La Grande-4 ..... Quebec, Canada	53 58 40.0 N (53.9778)	73 17 06.0 W ( 73.2850)	472.0	OTTR
(KBR)		see international code KBRM				
KBRM		Barry Ridge ..... Humboldt County, California, U.S.A. MNLO code KBR.	40 43 47.4 N (40.7298)	123 57 20.4 W (123.9557)	853.0	MNLO
KBS		Kingsbay ..... Svalbard, Norway	78 55 03.0 N (78.9175)	11 55 26.0 E ( 11.9239)	46.0	BER WWSS
(KBS)		see international code KBSM				
KBSM		Bell Springs ..... Mendocino County, California, U.S.A. MNLO code KBS.	39 55 04.2 N (39.9178)	123 35 40.8 W (123.5947)	1134.0	MNLO
KBT		Komakuk Beach ..... Yukon Territory, Canada opened 19810808.	69 35 37.0 N (69.5936)	140 10 56.0 W (140.1822)	15.0	OTTR
KBY	C	Kobayashi Ranch ..... Imperial County, California, U.S.A. 197502-197605.	33 02 24.6 N (33.0402)	115 42 03.6 W (115.7010)	-51.0	PAS
KC-		(Alternate Abbreviation for KC-MO)				
KC-MO	C	Kansas City ..... Missouri, U.S.A. 19651017-19670116.	39 21 21.0 N (39.3558)	94 40 17.0 W ( 94.6714)	274.0	LRSB
KCA		Cave ..... Kerguelen Islands opened 197402.	49 20 52.8 S (49.3480)	70 13 04.8 E ( 70.2180)	...	
KCH	R	Monts Chateau ..... Kerguelen Islands opened 197402.	49 14 38.4 S (49.2440)	70 08 42.0 E ( 70.1450)	...	
KCHT		Kechabto ..... Tunisia	37 06 30.0 N (37.1083)	9 57 12.0 E ( 9.9533)	420.0	SBS
KCI		Kelly Canyon ..... Idaho, U.S.A.	43 40 07.8 N (43.6688)	111 39 51.6 W (111.6643)	1902.0	
KCM	C	Kilenge Mission ..... New Britain, Papua New Guinea 19750205-1980.	5 29 .. S ( 5.4833)	148 23 .. E (148.3833)	15.0	RAB
KCN	R	Ketchikan ..... Southeastern Alaska, Alaska, U.S.A.	55 20 03.6 N (55.3343)	131 37 57.0 W (131.6325)	20.0	

CODES



Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
(KCP)		see international code KCPM				
KCPM		Cahto Peak ..... Mendocino County, California, U.S.A. MNLO code KCP.	39 41 14.4 N (39.6873)	123 34 39.6 W (123.5777)	1265.0	MNLO
KCO	R	La Grande-4 ..... Quebec, Canada	53 49 58.0 N (53.8328)	73 07 55.0 W ( 73.1319)	457.0	OTTR
(KCR)		see international code KCRM				
KCRM		Chalk Rock ..... Humboldt County, California, U.S.A. MNLO code KCR.	40 25 34.8 N (40.4263)	123 49 06.6 W (123.8185)	896.0	MNLO
KCT		Karacabey ..... Turkey opened 19840101.	40 14 56.0 N (40.2489)	28 21 24.0 E ( 28.3567)	451.0	ISK
(KCT)		see international code KCTM				
KCTM		Capetown ..... Humboldt County, California, U.S.A. MNLO code KCT.	40 28 33.0 N (40.4758)	124 20 10.8 W (124.3363)	409.0	MNLO
KCY	R	Kuchiyama ..... Tokushima, Shikoku, Japan opened 197412	33 59 49.1 N (33.9970)	134 08 32.1 E (134.1423)	260.0	KYT
KDA	C	Kurando ..... Queensland, Australia 195911-1964.	16 49 30.0 S (16.8250)	145 37 48.0 E (145.6300)	365.0	BRS
KDB		Konedabu ..... New Guinea, Papua New Guinea opened 1968.	9 28 19.5 S ( 9.4721)	147 09 36.1 E (147.1600)	35.0	PMG
KDC		Kodiak ..... Kodiak Island, Alaska, U.S.A. opened 19640402.	57 44 52.2 N (57.7478)	152 29 30.0 W (152.4917)	13.0	PMR USTN
KDE		Karadeniz Ereqlisi ..... Turkey opened 198207.	41 17 20.0 N (41.2889)	31 25 30.0 E ( 31.4250)	290.0	ISK
KDG	C	Kedougou ..... Senegal	12 55 33.0 N (12.9258)	12 19 17.0 W ( 12.3214)	...	MBO
KDK	C	Khodzhikent ..... Tajik S.S.R., U.S.S.R.	41 37 .. N (41.6167)	69 58 .. E ( 69.9667)	...	
KDR	R	Kadzharan ..... Armenian S.S.R., U.S.S.R. location uncertain.	39 10 .. N (39.1667)	46 08 .. E ( 46.1333)	...	MOS
KDS		Kedougou ..... Senegal opened 19760801.	12 34 07.5 N (12.5688)	12 12 40.2 W ( 12.2112)	110.0	MBO
KDT	U	Kodero ..... Hyogo, Honshu, Japan 197010-197206.	34 55 05.7 N (34.9182)	134 42 45.9 E (134.7127)	200.0	DRI
KDUT		Kidman Hollow ..... Cache County, Utah, U.S.A. opened 197810.	41 43 16.8 N (41.7213)	112 01 45.0 W (112.0292)	1829.0	SLC
KDV	R	Kondovu Island ..... Fiji	18 57 55.8 S (18.9655)	178 20 48.0 E (178.3467)	390.0	SVA
KDZ		Kurdzholi ..... Bulgaria (Alternate Abbreviation for KE-WA)	41 38 28.0 N (41.6411)	25 21 00.0 E ( 25.3500)	329.0	SOF
KE- KE-WA	C	Kennewick ..... Washington, U.S.A.	46 08 24.0 N (46.1400)	119 16 39.0 W (119.2775)	396.0	LRSM
KEA	C	Kealakomo ..... Hawaii, Hawaii, U.S.A. 19660927-1969. HVO code KMO.	19 18 30.0 N (19.3083)	155 09 36.0 W (155.1600)	201.0	HVO
KEB		Keban ..... Turkey opened 19740528.	38 47 52.0 N (38.7978)	38 43 40.0 E ( 38.7278)	739.0	ISK
KEC		Kecskemet ..... Hungary	46 54 44.0 N (46.9122)	19 41 54.0 E ( 19.6983)	122.0	
KED	C	Kedougou ..... Senegal 197601?-19760801.	12 55 33.0 N (12.9258)	12 19 17.0 W ( 12.3214)	...	MBO
KEE	D	Keen Camp Maintenance Station ..... Riverside County, California, U.S.A. opened 197502.	33 38 18.0 N (33.6383)	116 39 11.4 W (116.6532)	1366.0	PAS
KEF		Keuruu ..... Finland opened 19770831.	62 10 02.0 N (62.1672)	24 52 13.0 E ( 24.8703)	215.0	HEL
KEL	C	Kelud ..... Jawa, Indonesia	8 06 .. S ( 8.1000)	112 54 .. E (112.9000)	...	
KEP		King Edward Point ..... South Georgia opened 19720301.	54 16 48.0 S (54.2800)	36 28 48.0 W ( 36.4800)	...	
KER		Bokhtoron (Kermanshah) ..... Iran opened 196504.	34 21 08.0 N (34.3522)	47 06 21.0 E ( 47.1058)	1310.0	TEH
KES	C	Ksar Es Souk ..... Morocco 197302-197610. Code changed to HAD.	31 59 42.0 N (31.9950)	4 27 18.0 W ( 4.4550)	1124.0	SPGM
KET	C	Kerovat ..... New Britain, Papua New Guinea 19690321-1970.	4 19 59.1 S ( 4.3331)	152 02 10.7 E (152.0363)	17.0	RAB
KETZ	R	Ketetahi ..... North Island, New Zealand opened 198505.	39 06 02.3 S (39.1006)	175 39 06.4 E (175.6518)	1208.0	WELT

TABLE 1

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Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
KEV	D Kevo ..... Finland WWSS opened 19620907. DWSS opened 19811014.	69 45 19.0 N (69.7553)	27 00 24.0 E ( 27.0067)	80.0	HEL DWSS WWSS
KEW	C Kew ..... England, United Kingdom closed 196812.	51 28 06.0 N (51.4683)	0 18 47.0 W ( 0.3131)	5.0	
KEY	C Kluane ..... Yukon Territory, Canada 19780826-19791124; 19800328-19810725.	61 03 00.0 N (61.0500)	138 30 06.0 W (138.5017)	785.0	OTTR
KFA	Klofenfurt ..... Austria	46 38 54.0 N (46.6483)	14 19 40.0 E ( 14.3278)	450.0	VIE
(KFA)	see international code KFH				
KFC	Kentfield ..... Morin County, California, U.S.A. opened 196601.	37 57 18.0 N (37.9550)	122 33 10.0 W (122.5528)	6.0	
KFH	Kaaiiki Faults ..... Hawaii, Hawaii, U.S.A. HVO code KFA.	19 25 15.6 N (19.4210)	155 25 08.4 W (155.4190)	1579.0	HVO
KFNJ	R Kofrein ..... Jordan opened 198309.	31 51 42.0 N (31.8617)	35 40 37.0 E ( 35.6769)	-90.0	JSO
KFO	Klamath Falls ..... Oregon, U.S.A. opened 1962.	42 16 00.0 N (42.2667)	121 44 42.0 W (121.7450)	1439.0	
(KFP)	see international code KFPM				
KFPM	Forley Peak ..... Mendocino County, California, U.S.A. MNLO code KFP.	39 38 21.0 N (39.6392)	123 25 26.4 W (123.4240)	796.0	MNLO
KG-	(Alternate Abbreviation for KG-AZ)				
KG-AS	C Kingman ..... Arizona, U.S.A. 19630419-19630711; 19680410-19680426	35 38 30.0 N (35.6417)	113 54 28.0 W (113.9078)	1067.0	LRSM
KG-AZ	C Kingman ..... Arizona, U.S.A. 19630419-19630711; 19680410-19680426.	35 38 30.0 N (35.6417)	113 54 28.0 W (113.9078)	1067.0	LRSM
KGI	C Kellogg ..... Idaho, U.S.A. 1970-197501.	47 29 18.0 N (47.4883)	116 04 54.0 W (116.0817)	1400.0	
KGJ	R Kitakami ..... Iwate, Honshu, Japan opened 19700929.	39 23 18.0 N (39.3883)	141 33 54.0 E (141.5650)	376.0	TOH
KGL	R Kogul ..... Moldavian S.S.R., U.S.S.R.	45 54 .. N (45.9000)	28 12 .. E ( 28.2000)	...	MOSR
KGM	Kluang ..... Peninsular Malaysia, Malaysia	2 00 56.4 N ( 2.0157)	103 19 08.4 E (103.3190)	103.0	KLM
(KGM)	see international code KGMM				
(KGM)	see international code KGMM				
KGMM	R Komigamo ..... Kyoto, Honshu, Japan opened 19640301. KYT code KGM.	35 03 33.5 N (35.0593)	135 45 56.7 E (135.7658)	180.0	KYT
KGMM	Grouse Mountain ..... Humboldt County, California, U.S.A. MNLO code KGM.	40 45 31.8 N (40.7588)	123 40 27.6 W (123.6743)	1615.0	MNLO
KGNN	R Komagane ..... Yamanashi, Honshu, Japan	35 45 06.5 N (35.7518)	137 58 18.8 E (137.9719)	629.0	CDPJ
KGR	R Kogok River ..... Western Alaska, Alaska, U.S.A.	63 10 09.0 N (63.1692)	162 04 00.0 W (162.0667)	320.0	GIA
KGT	Korabigo ..... Turkey	40 27 06.0 N (40.4517)	27 18 12.0 E ( 27.3033)	185.0	ISK
KGW	R Kokegawa ..... Shizuoka, Honshu, Japan (Alternate Abbreviation for KH-AZ)	34 51 45.4 N (34.8626)	138 01 19.9 E (138.0222)	69.0	CDPJ
KH-	(Alternate Abbreviation for KH-AZ)				
KH-AZ	C Kohls Ranch ..... Arizona, U.S.A. 19640402-19640618.	34 29 00.0 N (34.4833)	111 02 03.0 W (111.0342)	2286.0	LRSM
KHA	Khancobon ..... New South Wales, Australia opened 19680906.	36 12 49.0 S (36.2136)	148 07 44.0 E (148.1289)	435.0	CAN
KHC	D Kasperske Hary ..... Czechoslovakia	49 07 51.4 N (49.1309)	13 34 41.6 E ( 13.5782)	695.0	PRU
(KHC)	see international code KHY				
KHE	Kheis ..... Arkhangelskaya Oblast, R.S.F.S.R., U.S.S.R.	80 37 .. N (80.6167)	58 03 .. E ( 58.0500)	100.0	MOS
KHG	R Khandyga ..... Yakutskaya ASSR, R.S.F.S.R., U.S.S.R.	62 40 .. N (62.6667)	135 36 .. E (135.6000)	...	MOSR
KHI	Kakhk ..... Iran opened 197104.	34 08 36.0 N (34.1433)	58 38 30.0 E ( 58.6417)	1600.0	MUI
(KHI)	see international code KHS				
KHJ	R Kushihiro ..... Gifu, Honshu, Japan CDPJ code KSH.	35 15 27.4 N (35.2576)	137 24 31.7 E (137.4088)	343.0	CDPJ
KHK	R Keihoku ..... Kyoto, Honshu, Japan opened 19630928.	35 10 38.8 N (35.1774)	135 39 44.3 E (135.6623)	260.0	KYT
(KHK)	see international code KHKI				
KHKI	Kohong-Kohong ..... Bali, Nusa Tenggara, Indonesia DJA code KHK.	8 21 51.6 S ( 8.3643)	115 36 29.4 E (115.6082)	...	DJA

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TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
KHM	Kahima ..... Nagaland, India opened 1979.	25 39 47.0 N (25.6631)	94 04 34.0 E ( 94.0761)	1630.0	JHI
KHO	Khorag ..... Tajik S.S.R., U.S.S.R.	37 29 .. N (37.4833)	71 32 .. E ( 71.5333)	1850.0	MOS
(KHP)	see international code KPC				
KHR	C Kharangan ..... Tajik S.S.R., U.S.S.R.	38 40 .. N (38.6667)	68 47 .. E ( 68.7833)	...	
KHS	R Khashi ..... Georgian S.S.R., U.S.S.R. MOS code KHI.	42 54 .. N (42.9000)	42 12 .. E ( 42.2000)	...	TIF
KHT	Khao Laem Dam ..... Thailand opened 198210.	14 47 05.4 N (14.7848)	98 35 33.0 E ( 98.5925)	173.3	CHG
KHU	Kahuku ..... Hawaii, Hawaii, U.S.A. opened 19690826.	19 14 54.0 N (19.2483)	155 37 06.0 W (155.6183)	1939.0	HVO
KHY	R Khatystyr ..... Amurskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code KHC.	55 42 .. N (55.7000)	121 30 .. E (121.5000)	...	MOSR
KIA	R Kiara Terrace ..... Pakistan opened 1974?	34 06 48.0 N (34.1133)	72 42 48.0 E ( 72.7133)	497.0	PAL
KIC	Kosan Baka ..... Ivory Coast opened 19670601.	6 21 38.0 N ( 6.3606)	4 44 28.0 W ( 4.7411)	175.0	LIC
KIE	Kermi ..... Texas, U.S.A.	31 36 24.6 N (31.6068)	103 11 44.4 W (103.1957)	828.0	USGS
KIH	Kanekii ..... Hawaii, Hawaii, U.S.A. HVO code KII.	19 30 33.6 N (19.5093)	155 45 54.0 W (155.7650)	1841.0	HVO
KII	R Karymskii ..... R.S.F.S.R., U.S.S.R.	...	...	...	MOSR
(KII)	see international code KIH				
KIJ	C Kawah Idjen ..... Jawa, Indonesia	8 04 .. S ( 8.0667)	114 14 .. E (114.2333)	...	
KIK	Kika Raxquin ..... Guatemala	14 48 46.8 N (14.8130)	91 24 37.8 W ( 91.4105)	3200.0	GCG
KIM	Kimberley ..... Cape Province, South Africa	28 45 06.0 S (28.7517)	24 46 48.0 E ( 24.7800)	1321.0	PRE
KIN	C Kingston ..... Jamaica 1937-19781109.	17 58 25.4 N (17.9737)	76 47 06.2 W ( 76.7851)	32.0	
KIP	D Kipapa ..... Oahu, Hawaii, U.S.A. opened 19621109. WWSS 19621109-19820815. HGLP 19720901-19790102. IDA opened 197709. USTN closed.	21 25 24.0 N (21.4233)	158 00 54.0 W (158.0150)	70.0	HON WWSS HGLP IDA USTN
(KIP)	see international code KIPM				
KIPM	Iran Peak ..... Mendocino County, California, U.S.A. MNLO code KIP.	39 48 31.2 N (39.8087)	123 28 49.8 W (123.4805)	1367.0	MNLO
KIR	Kiruna ..... Sweden	67 50 24.0 N (67.8400)	20 25 00.0 E ( 20.4167)	390.0	UPP
KIS	Kishinev ..... Moldavian S.S.R., U.S.S.R.	47 01 .. N (47.0167)	28 52 .. E ( 28.8667)	49.0	MOS
(KIS)	see international code KISE				
(KIS)	see international code KISK				
KISE	R Kishinomiya ..... Wakayama, Honshu, Japan opened 19750802. ERIJ code KIS.	34 13 19.3 N (34.2220)	135 18 00.0 E (135.3000)	75.0	ERIJ
KISK	R Kishima-dake ..... Kumamoto, Kyushu, Japan opened 1966. KYT code KIS.	32 53 33.4 N (32.8926)	131 04 00.7 E (131.0669)	1105.0	KYT
KIT	Kermi ..... Texas, U.S.A.	31 32 37.0 N (31.5436)	102 52 55.0 W (102.8819)	795.0	USGS
(KIT)	see international code KITD				
(KIT)	see international code KITH				
KITD	R Kitadake ..... Kagoshima, Kyushu, Japan opened 1962. DRI code KIT.	31 35 57.0 N (31.5992)	130 38 46.0 E (130.6461)	450.0	DRI
KITH	R Kitausu ..... Iburi, Hokkaido, Japan opened 19770814. HSS code KIT.	42 31 25.9 N (42.5239)	140 48 37.4 E (140.8104)	120.0	HSS
KIW	Kapiti Island ..... North Island, New Zealand opened 19780410.	40 51 50.0 S (40.8639)	174 54 42.0 E (174.9117)	320.0	WELW
KIY	C Kiyosumi ..... Chiba, Honshu, Japan closed 1941.	35 09 .. N (35.1500)	140 11 .. E (140.1833)	290.0	ERIJ
KJA	R Kijajana ..... Guatemala	15 26 37.8 N (15.4438)	91 46 57.6 W ( 91.7827)	2280.0	GCG
KJF	Kajaani ..... Finland opened 19700709.	64 11 57.0 N (64.1992)	27 42 53.0 E ( 27.7147)	160.0	HEL
KJN	C Kajaani ..... Finland closed 197007.	64 05 07.0 N (64.0853)	27 42 43.0 E ( 27.7119)	250.0	HEL
KKD	C Karintji-Kaba-Dempa ..... Sumatera, Indonesia	3 42 .. S ( 3.7000)	102 56 .. E (102.9333)	...	

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Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
KKG	Kukul ..... Guatemala opened 1979	14 59 00.0 N (14.9833)	92 02 30.0 W ( 92.0417)	900.0	GCG
(KKG)	see international code KKGU				
KKGU	R Kamikugo ..... Tochigi, Honshu, Japan opened 19760717. UTU code KKG.	36 35 52.5 N (36.5979)	139 37 30.2 E (139.6251)	280.0	UTU
KKH	Kailua Kona ..... Hawaii, Hawaii, U.S.A. opened 1975.	19 39 51.0 N (19.6642)	156 00 32.0 W (156.0089)	...	HON USTN
KKI	Karkar Island ..... Karkar Island, Papua New Guinea opened 19750622.	4 35 18.0 S ( 4.5883)	145 57 15.0 E (145.9542)	460.0	RAB
KKJ	R Kaminakuni ..... Hiyama, Hokkaido, Japan	41 46 44.1 N (41.7789)	140 10 32.4 E (140.1757)	70.0	HSS
KKKK	F (keyword for telegraphic transmission)				
KKM	Kota Kinabalu ..... Sabah, Malaysia	6 02 39.6 N ( 6.0443)	116 12 52.8 E (116.2147)	830.0	KLM
KKN	Kakani ..... Nepal opened 19800327.	27 47 24.0 N (27.7900)	85 16 48.0 E ( 85.2800)	1920.0	DMN
(KKP)	see international code KKPM				
KKPM	Kettenpom ..... Trinity County, California, U.S.A. MNLO code KKP.	40 08 45.0 N (40.1458)	123 20 06.0 W (123.3350)	1244.0	MNLO
KKR	Kurukshetra ..... Haryana, India opened 197401.	29 57 48.0 N (29.9633)	76 49 30.0 E ( 76.8250)	257.0	
KKS	Kukes ..... Albania (42.0756) ( 20.4113)	42 04 32.2 N (42.0756)	20 24 40.7 E ( 20.4113)	...	TIR
KKT	Kermit ..... Texas, U.S.A. (31.6227) (103.2888)	31 37 21.6 N (31.6227)	103 17 19.8 W (103.2888)	...	USGS
KKU	Keanakalu ..... Hawaii, Hawaii, U.S.A. opened 19710323.	19 53 23.4 N (19.8898)	155 20 34.8 W (155.3430)	1863.0	HVO
KKW	Kainokawa ..... Wakayama, Hanshu, Japan opened 195712.	33 53 55.5 N (33.8988)	135 26 30.6 E (135.4418)	260.0	ERIJ
KKY	C Kaikoura West ..... South Island, New Zealand 19720608-19800817.	42 25 12.0 S (42.4200)	173 41 31.0 E (173.6919)	101.0	WEL
KKZ	Kaikoura ..... South Island, New Zealand opened 19800817.	43 25 19.0 S (43.4219)	173 41 47.0 E (173.6964)	...	WEL
KLB	Kellerberrin ..... Western Australia, Australia opened 19810923.	31 35 32.4 S (31.5923)	117 45 36.0 E (117.7600)	300.0	AUST
KLC	C Kirkland Lake ..... Ontario, Canada 19391219-1957.	48 08 41.0 N (48.1447)	80 01 45.0 W ( 80.0292)	310.0	OTTR
KLD	Kalaidasht ..... Tajik S.S.R., U.S.S.R. (38.6000) ( 69.5000)	38 36 .. N (38.6000)	69 30 .. E ( 69.5000)	...	MOSR
(KLD)	MOS code KLT. location uncertain. see international code KLDS				
KLDS	R Kuldur ..... Khabarovskiy Kray, R.S.F.S.R., U.S.S.R. MOS code KLD.	49 12 .. N (49.2000)	131 48 .. E (131.8000)	...	MOSR
KLG	Kalgoorlie ..... Western Australia, Australia opened 1964.	30 47 01.2 S (30.7837)	121 27 28.8 E (121.4580)	360.0	AUST
KLGA	R Kalgaorlie ..... Western Australia, Australia (30.7175) (121.4383)	30 43 03.0 S (30.7175)	121 26 17.9 E (121.4383)	400.0	AUST
KLH	Kapapala Ranch ..... Hawaii, Hawaii, U.S.A. opened 19691002. HVO code KPR.	19 16 24.0 N (19.2733)	155 26 42.0 W (155.4450)	610.0	HVO
KLI	Katabumi ..... Sumatera, Indonesia ( 4.8632) (104.8567)	4 51 47.4 S ( 4.8632)	104 51 24.0 E (104.8567)	...	DJA
KLK	C Kealakekua ..... Hawaii, Hawaii, U.S.A. 196504-197401.	19 31 19.2 N (19.5220)	155 55 13.2 W (155.9203)	505.0	HVO
KLL	Kallitalsperre ..... Nordrhein-Westfalen, Fed. Rep. of Germany (50.6461) ( 6.3111)	50 38 46.0 N (50.6461)	6 18 40.0 E ( 6.3111)	400.0	BNS
KLM	Kuala Lumpur ..... Peninsular Malaysia, Malaysia ( 3.1025) (101.6447)	3 06 09.0 N ( 3.1025)	101 38 40.8 E (101.6447)	46.0	KLM
KLN	D McKendrick Lake ..... New Brunswick, Canada opened 19820128.	46 50 36.0 N (46.8433)	66 22 18.1 W ( 66.3717)	411.0	ECTN
KLS	C Karlskrona ..... Sweden 196111-19681012.	56 09 54.0 N (56.1650)	15 35 30.0 E ( 15.5917)	11.0	UPP
KLT	Keltepe ..... Turkey (40.6435) ( 30.1006)	40 38 36.5 N (40.6435)	30 06 02.1 E ( 30.1006)	1601.0	ISK
(KLT)	see international code KLD				
KLU	Klutina ..... Central Alaska, Alaska, U.S.A. (61.4928) (145.9202)	61 29 34.2 N (61.4928)	145 55 12.6 W (145.9202)	1012.0	AGS
(KLU)	see international code PKL				
KLY	Kiyuchi ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R. (56.3167) (160.8667)	56 19 .. N (56.3167)	160 52 .. E (160.8667)	149.0	MOSR

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TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
KM-	(Alternate Abbreviation for KM-CL)				
KM-CL	C Kromer San Bernardino County, California, U.S.A. 19630429-19630710; 19640114-19640321; 19660225-19660312; 19680415-19680426.	34 52 52.0 N (34.8811)	117 15 24.0 W (117.2567)	853.0	LRSM
KM2	Kermi Texas, U.S.A. opened 19761215.	32 05 33.0 N (32.0925)	103 04 18.6 W (103.0718)	932.0	USGS
KM3	Kermi Texas, U.S.A.	31 40 39.6 N (31.6777)	103 12 33.0 W (103.2092)	...	USGS
KM5	Kermi Texas, U.S.A. opened 19761015.	31 49 54.0 N (31.8317)	103 01 54.0 W (103.0317)	874.0	USGS
KM6	Kermi Texas, U.S.A. opened 19761016.	31 58 57.0 N (31.9825)	102 51 47.4 W (102.8632)	1030.0	USGS
KM9	Kermi Texas, U.S.A. opened 19761014.	31 44 53.4 N (31.7482)	102 51 22.8 W (102.8563)	888.0	USGS
KMA	Kam Albania see international code KMAS	42 15 43.0 N (42.2619)	20 14 34.0 E (20.2428)	...	TIR
(KMA)					
KMAS	R Kamarou Tajik S.S.R., U.S.S.R. MOS code KMA.	39 06 ... N (39.1000)	70 12 ... E (70.2000)	...	MOSR
KMB	C Kimbe New Britain, Papua New Guinea 19691122-1969.	5 29 ... S (5.4833)	150 06 ... E (150.1000)	23.0	RAB
KMD	U Kamatsu Ishikawa, Honshu, Japan 197410-197611.	36 18 48.6 N (36.3135)	136 29 29.6 E (136.4916)	70.0	DRI
KME	C Kermi Texas, U.S.A. opened 19761014.	31 34 41.4 N (31.5782)	103 07 12.0 W (103.1200)	816.0	USGS
KMF	R Kamafusa Miyagi, Honshu, Japan opened 196908.	38 12 36.0 N (38.2100)	140 42 06.0 E (140.7017)	180.0	TOH
KMG	Kumagaya Saitama, Honshu, Japan see international code KMGE	36 08 48.0 N (36.1467)	139 23 06.0 E (139.3850)	31.0	JMA
(KMG)					
KMGE	R Kuramagawa Gumma, Honshu, Japan opened 196210. ERIJ code KMG.	36 25 12.0 N (36.4200)	138 32 44.0 E (138.5456)	1557.0	ERIJ
KMH	Puu Kamao Hawaii, U.S.A. HVO code KMM.	19 23 28.2 N (19.3912)	155 06 58.8 W (155.1163)	750.0	HVO
KMI	Kunming Yunnan, China (Mainland)	25 07 24.0 N (25.1233)	102 44 24.0 E (102.7400)	1945.0	BJI
KMJ	Kume-shima (Kumejima) Ryukyu Islands, Japan opened 197610.	26 20 10.0 N (26.3361)	126 48 22.0 E (126.8061)	5.0	JMA
(KMJ)	see international code KMJD				
KMJD	R Kamatsu Ishikawa, Honshu, Japan opened 197605. DRI code KMJ.	36 21 52.3 N (36.3645)	136 30 20.6 E (136.5057)	70.0	DRI
KMK	C Kamakura Kanagawa, Honshu, Japan	35 19 ... N (35.3167)	139 33 ... E (139.5500)	...	
KML	C Kamuela Hawaii, U.S.A. 1962-19711030.	20 01 54.0 N (20.0317)	155 42 00.0 W (155.7000)	740.0	HVO
KMM	C Kamigama Kyoto, Honshu, Japan see international code KMH	35 02 ... N (35.0333)	135 42 ... E (135.7000)	190.0	
(KMM)					
KMN	Kumano Wakayama, Honshu, Japan opened 19660622; moved 19730819. see international code KMNK	33 58 03.8 N (33.9677)	136 03 29.6 E (136.0582)	300.0	ERIJ
(KMN)					
KMNK	R Kaminaka Tokushima, Shikoku, Japan opened 197412. KYT code KMN.	33 47 11.4 N (33.7865)	134 18 20.7 E (134.3058)	280.0	KYT
KMO	Kumara Buryatskaya ASSR, R.S.F.S.R., U.S.S.R. see international code KEA	55 53 ... N (55.8833)	111 13 ... E (111.2167)	...	MOSR
(KMO)					
KMP	Kimball Pass Central Alaska, Alaska, U.S.A. opened 19770804. see international code KMPM	61 30 51.5 N (61.5143)	145 01 47.3 W (145.0298)	1103.0	AGS
(KMP)					
KMPM	Maunt Pierce Humboldt County, California, U.S.A. MNLO code KMP.	40 25 02.4 N (40.4173)	124 07 12.6 W (124.1202)	957.0	MNLO
KMR	Kremsmuenster Austria opened 1958.	48 03 23.4 N (48.0565)	14 07 54.9 E (14.1319)	379.0	VIE
KMS	R Karamursel Turkey opened 197908. see international code KMSS	40 40 21.7 N (40.6727)	29 35 28.0 E (29.5911)	280.0	
(KMS)					
KMSA	R Kimberley Cape Province, South Africa proposed GTSN station.				

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TABLE 1

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Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
KMSS	R	Komsamalabad ..... Tajik S.S.R., U.S.S.R. MOS code KMS.	38 54 .. N (38.9000)	69 54 .. E ( 69.9000)	...	MOSR
KMT	C	Kinomoto ..... Wakayama, Honshu, Japan 19650602-19651130.	34 15 44.4 N (34.2623)	135 07 30.5 E (135.1251)	20.0	ERIJ
KMU	D	Kamikineusu ..... Hidaka, Hokkaido, Japan opened 19670701.	42 14 19.0 N (42.2386)	142 58 02.0 E (142.9672)	185.0	HSS
KMV	C	Keen Mountain ..... Virginia, U.S.A. 1969-1969.	37 12 30.0 N (37.2083)	82 01 33.0 W ( 82.0258)	500.0	BLA
KMY		Karmoy ..... Norway opened 198411.	59 12 43.2 N (59.2120)	5 14 49.2 E ( 5.2470)	58.0	BER
(KMY)		see international code KMYN				
KMYN	U	Kameyama ..... Mie, Honshu, Japan 197412-197804. NGY code KMY.	34 52 01.2 N (34.8670)	136 21 00.0 E (136.3500)	240.0	NGY
KMZ		Kasempa ..... Zambia opened 1984.	13 27 19.8 S (13.4555)	25 50 01.5 E ( 25.8338)	1223.0	LSZ
KN-		(Alternate Abbreviation for KN-UT)				
KN-UT	C	Kanab ..... Kane County, Utah, U.S.A. 19611209-19691031; 19710926-19711109.	37 01 22.0 N (37.0228)	112 49 39.0 W (112.8275)	1737.0	LRSM
KNA		Kununurra ..... Western Australia, Australia opened 196511.	15 45 .. S (15.7500)	128 46 .. E (128.7667)	60.0	AUST
KNB		Kanab ..... Kane County, Utah, U.S.A. opened 196811.	37 00 59.8 N (37.0166)	112 49 20.7 W (112.8224)	1715.0	LAC
KND	R	Kandira ..... Turkey Opened 197811.	41 03 09.7 N (41.0527)	30 09 38.9 E ( 30.1608)	50.0	
KNG	C	Kaliningrad (Konigsberg) ..... Kaliningradskaia Oblast, R.S.F.S.R., U.S.S.R.	54 50 .. N (54.8333)	20 30 .. E ( 20.5000)	33.0	
KNH		Kipuka Nene ..... Hawaii, U.S.A. opened 19670921. HVO code KPN.	19 20 06.0 N (19.3350)	155 17 24.0 W (155.2900)	924.0	HVO
KNI	C	Kayna Nagar ..... Maharashtra, India 19631011-?	17 23 48.0 N (17.3967)	73 45 00.0 E ( 73.7500)	630.0	NDI
(KNI)		see international code KNIM				
KNIM		Knight Island ..... Kenai Peninsula, Alaska, U.S.A. opened 19850712. AGS code KNI.	60 20 55.2 N (60.3487)	147 44 09.6 W (147.7360)	434.0	AGS
KNJ		(Alternate Abbreviation for KMT)				
(KNJ)		see international code KNJD				
KNJD	U	Kanaiharu ..... Shiga, Honshu, Japan 197207-197405. DRI code KNJ.	35 34 17.8 N (35.5716)	136 17 04.5 E (136.2846)	300.0	DRI
KNK		Knik Glacier ..... Central Alaska, Alaska, U.S.A. opened 19730811.	61 24 45.0 N (61.4125)	148 27 20.4 W (148.4557)	595.0	AGS
KNO	C	Knox Ranch ..... Kern County, California, U.S.A. 195207-19521110.	35 29 00.0 N (35.4833)	118 31 42.0 W (118.5283)	1090.0	PAS
KNP	R	Kunneppu ..... Abashiri, Hokkaido, Japan	43 45 35.7 N (43.7599)	143 42 44.6 E (143.7124)	190.0	HSS
KNR	R	Kangurt ..... Tajik S.S.R., U.S.S.R.	38 12 .. N (38.2000)	69 30 .. E ( 69.5000)	...	MOSR
KNT		Kendrikan ..... Greece opened 19810101.	41 09 43.0 N (41.1619)	22 53 53.0 E ( 22.8981)	380.0	THE
KNW	C	Konowana ..... Hawaii, Hawaii, U.S.A. 1922-196012.	19 30 48.0 N (19.5133)	155 55 06.0 W (155.9183)	495.0	HVO
KNY	R	Kanayama ..... Fukushima, Honshu, Japan opened 19790807.	37 24 01.4 N (37.4004)	139 33 29.5 E (139.5582)	390.0	TOH
KOA	C	Kobuan ..... Bougainville Island, Papua New Guinea 19691207-19721130.	6 13 26.9 S ( 6.2241)	155 37 08.3 E (155.6190)	65.0	RAB
KOB		Kabe ..... Hyogo, Honshu, Japan moved 193911.	34 41 18.0 N (34.6883)	135 10 48.0 E (135.1800)	58.0	JMA
KOC		Kochi ..... Kochi, Shikoku, Japan	33 33 12.0 N (33.5533)	133 32 12.0 E (133.5367)	~1.0	JMA
KOD		Kodaiakanal ..... Tamil Nadu, India opened 1910. WWSS opened 19641027.	10 14 .. N (10.2333)	77 28 .. E ( 77.4667)	2345.0	NDI WWSS
KOE		Koppel ..... Rheinland-Pfalz, Fed. Rep. of Germany	50 25 31.0 N (50.4253)	7 43 53.8 E ( 7.7316)	...	
KOF		Kofu ..... Yamanashi, Honshu, Japan moved 195201.	35 39 54.0 N (35.6650)	138 33 30.0 E (138.5583)	272.0	JMA
KOH		Kohala ..... Hawaii, Hawaii, U.S.A. opened 19710525.	20 07 41.4 N (20.1282)	155 46 46.2 W (155.7795)	1166.0	HVO

CODES

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
KOI	Khonso ..... Arunachal Pradesh, India opened 1979.	26 59 .. N (26.9833)	95 30 .. E ( 95.5000)	785.0	JHI
(KOI)	see international code KOID				
KOID	R Kaika ..... Kogoshima, Kyushu, Japan opened 1976. DRI code KOI.	31 35 14.0 N (31.5872)	130 36 46.0 E (130.6128)	40.0	DRI
KOK	R Koryakskiy ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R.	53 18 .. N (53.3000)	158 42 .. E (158.7000)	...	MOSR
KOL	R Kalay ..... Turkey opened 197609.	41 25 27.5 N (41.4243)	35 47 46.0 E ( 35.7961)	145.0	
KOM	C Komaba ..... Saitama, Honshu, Japan closed 1941.	35 39 00.0 N (35.6500)	139 45 46.0 E (139.7628)	38.0	ERIJ
(KOM)	see international code KOMT				
KOMT	R Akitakoma ..... Akita, Honshu, Japan opened 19700903. TOH code KOM.	39 46 48.0 N (39.7800)	140 46 12.0 E (140.7700)	680.0	TOH
KON	Kongsberg ..... Norway WWSS 19620628-19831227. HGLP 19711001-1978.	59 38 56.7 N (59.6491)	9 35 53.6 E ( 9.5982)	216.0	BER WWSS HGLP
(KON)	see international code KONH				
KONH	R Konpirayama ..... Iburi, Hokkaido, Japan opened 19770814. HSS code KON.	42 33 14.6 N (42.5541)	140 49 00.5 E (140.8168)	230.0	HSS
KONO	D Kongsberg ..... Norway opened 197809.	59 38 56.7 N (59.6491)	9 35 53.6 E ( 9.5982)	216.0	BER ASRO
KOO	R Koro-o ..... Fiji	...	...	...	
KOR	C Koror ..... Belau 195001-195812.	7 20 06.0 N ( 7.3350)	134 29 06.0 E (134.4850)	30.0	NEIS
KOS	C Kosmodemyonsk ..... Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	44 06 .. N (44.1000)	145 53 .. E (145.8833)	...	
KOSA	R Koster ..... Transvaal, South Africa proposed GTSN station.	...	...	...	
KOU	Koumou ..... New Caledonia opened 19600101.	20 33 43.0 S (20.5619)	164 16 53.0 E (164.2814)	17.0	NOU
(KOV)	see international code KSV				
KOW	R Kowen Forrest ..... Australian Cap. Terr., Australia opened 197510.	35 17 18.0 S (35.2883)	149 17 54.0 E (149.2983)	792.0	AUST
KOY	C Koyama ..... Shizuoka, Honshu, Japan closed 1941.	35 21 .. N (35.3500)	138 59 .. E (138.9833)	...	ERIJ
KOZ	Kozyrevsk ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R.	56 03 .. N (56.0500)	159 52 .. E (159.8667)	...	MOSR
KP-NV	C Kowich Peak ..... Nevada, U.S.A. 19700121-19700424; 19700829-19710809	37 53 51.0 N (37.8975)	116 27 33.0 W (116.4592)	2134.0	LRSN
KPB	R Port Bizet ..... Kerguelen Islands opened 197402.	49 31 12.0 S (49.5200)	69 54 03.6 E ( 69.9010)	...	
KPC	Khapcheranga ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R. MOS code KHP.	49 42 .. N (49.7000)	112 24 .. E (112.4000)	950.0	MOSR
KPD	R Port Douzieme ..... Kerguelen Islands opened 197402.	49 31 01.2 S (49.5170)	70 09 25.2 E ( 70.1570)	...	
KPH	C Kaena Point ..... Oahu, Hawaii, U.S.A. 196504-1976.	21 34 34.1 N (21.5761)	158 16 31.6 W (158.2754)	110.0	HON
KPK	Konaka Peak ..... Butte County, California, U.S.A. opened 196901.	39 35 00.0 N (39.5833)	121 18 19.2 W (121.3053)	899.0	CDWR
KPN	Kupiano ..... New Guinea, Papua New Guinea see international code KNH	10 04 28.4 S (10.0746)	148 10 53.1 E (148.1814)	20.0	RAB
(KPN)	see international code KNH				
KPO	Kapoho ..... Hawaii, Hawaii, U.S.A.	19 30 01.2 N (19.5003)	154 50 30.6 W (154.8418)	134.0	HVO
(KPP)	see international code KPPM				
KPPM	Pickett Peak ..... Trinity County, California, U.S.A. MNLO code KPP.	40 20 45.6 N (40.3460)	123 21 43.8 W (123.3622)	1762.0	MNLO
KPR	C Krasnoy Polyono ..... Krasnodarskiy Krai, R.S.F.S.R., U.S.S.R.	43 40 .. N (43.6667)	40 12 .. E ( 40.2000)	450.0	
(KPR)	see international code KLH				
KR-	(Alternate Abbreviation for KR-OR)				
KR-OR	C Crane ..... Oregon, U.S.A.	43 25 03.0 N (43.4175)	118 30 44.0 W (118.5122)	1402.0	LRSN
KR1	R Kirovskoe ..... Kirghiz S.S.R., U.S.S.R.	42 36 .. N (42.6000)	71 36 .. E ( 71.6000)	...	MOSR
KRA	Krakow ..... Poland	50 03 22.0 N (50.0561)	19 56 23.0 E ( 19.9397)	223.0	WAR

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
KRB	C	Karibo ..... Zimbabwe closed 196603.	16 31 36.0 S (16.5267)	28 47 42.0 E ( 28.7950)	805.0	BUL
KRC	C	King Ranch ..... Kern County, California, U.S.A. 19521016-19651203.	35 19 36.0 N (35.3267)	119 44 42.0 W (119.7450)	680.0	PAS
KRD	C	Kurday ..... Kazakh S.S.R., U.S.S.R.	43 23 .. N (43.3833)	75 03 .. E ( 75.0500)	900.0	
(KRD)		see international code KAD				
KRE	C	Kure ..... Hiroshima, Honshu, Japan	34 14 .. N (34.2333)	132 34 .. E (132.5667)	...	
KRF	R	Krasnovadsk ..... Turkmen S.S.R., U.S.S.R.	40 00 .. N (40.0000)	53 00 .. E ( 53.0000)	...	MOSR
KRG	C	Kerema ..... New Guinea, Papua New Guinea 196202-before 1969.	7 57 35.0 S ( 7.9597)	145 46 08.0 E (145.7689)	14.0	PMG
KRH	R	Kirikhon ..... Turkey opened 197912.	36 29 31.9 N (36.4922)	36 20 47.8 E ( 36.3466)	220.0	
KRI		Karoi ..... Zimbabwe opened 1978.	16 49 45.5 S (16.8293)	29 36 53.1 E ( 29.6147)	1343.0	BUL
(KRI)		see international code KRN				
KRJ		Kamimuraga ..... Nagano, Honshu, Japan opened 196807.	36 24 59.2 N (36.4164)	138 09 05.2 E (138.1514)	621.0	ERIJ
KRK	C	Kirkenes ..... Norway closed 19690511.	69 43 27.0 N (69.7242)	30 03 45.0 E ( 30.0625)	25.0	BER WWSS
(KRK)		see international code KRKM				
KRKM		Rackout Springs ..... Mendocino County, California, U.S.A. MNLO code KRK.	39 33 46.2 N (39.5628)	123 10 55.8 W (123.1822)	1280.0	MNLO
KRL		Karlsruhe ..... Baden-Wurttemberg, Fed. Rep. of Germany 1905-1922; 1926-194006; 194905-195808; reopened 196007.	49 00 39.0 N (49.0108)	8 24 44.0 E ( 8.4122)	114.0	
KRM		Kurmenty ..... Kazakh S.S.R., U.S.S.R.	43 00 .. N (43.0000)	78 16 .. E ( 78.2667)	...	
KRN	R	Kranaki ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code KRI.	54 36 .. N (54.6000)	161 10 .. E (161.1667)	...	MOSR
KRNA		Kawich Range ..... Nevada, U.S.A. opened 19800423.	37 44 28.0 N (37.7411)	116 22 45.0 W (116.3792)	1980.0	USGS
KRO		Karo ..... Fiji opened 198112.	17 18 50.6 S (17.3141)	179 23 29.7 E (179.3916)	522.0	SVA
(KRO)		see international code KROS				
KROS	R	Kirovskiy ..... Amurskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code KRO.	54 24 .. N (54.4000)	127 00 .. E (127.0000)	...	MOSR
KRP		Karapiro ..... North Island, New Zealand	37 55 30.0 S (37.9250)	175 32 15.0 E (175.5375)	64.0	WEL
KRR	C	Karoi ..... Zimbabwe 1967-1978.	16 51 06.0 S (16.8517)	29 37 06.0 E ( 29.6183)	1380.0	BUL
KRS	C	Krasnogorka ..... Kazakh S.S.R., U.S.S.R.	43 15 .. N (43.2500)	75 10 .. E ( 75.1667)	...	
KRT	C	Keravat ..... New Britain, Papua New Guinea 19661118-19681217.	4 21 10.5 S ( 4.3529)	152 03 06.0 E (152.0517)	20.0	RAB
KRU		Karasu ..... Tajik S.S.R., U.S.S.R.	38 29 .. N (38.4833)	68 59 .. E ( 68.9833)	...	MOSR
KRV		Kirovabad ..... Azerbaijan S.S.R., U.S.S.R.	40 39 .. N (40.6500)	46 20 .. E ( 46.3333)	340.0	MOS
KRW		Karlsruhe—West ..... Baden-Wurttemberg, Fed. Rep. of Germany	49 01 17.0 N (49.0214)	8 22 05.1 E ( 8.3681)	110.0	KRW
KRY	C	Koidern River ..... Yukon Territory, Canada 19780829-19810401.	61 58 12.0 N (61.9700)	140 24 30.0 W (140.4083)	686.0	OTTR
KRZ		(Alternate Abbreviation for KAZ)				
KSA		Ksara ..... Lebanon	33 49 24.0 N (33.8233)	35 53 24.0 E ( 35.8900)	920.0	
KSC	R	Kennedy Space Center ..... Florida, U.S.A.	...	...	...	
KSH		Kashi (Kashgar) ..... Xinjiang, China (Mainland) see international code KHJ	39 27 19.0 N (39.4553)	75 58 48.0 E ( 75.9800)	1286.0	BJI
(KSH)						
KSI		Kapahiang ..... Sumatera, Indonesia	3 38 01.8 S ( 3.6338)	102 35 32.4 E (102.5923)	...	DJA
KSJ	C	Kashima ..... Nogano, Honshu, Japan 196812-196903.	36 34 34.4 N (36.5762)	137 48 19.4 E (137.8054)	1010.0	ERIJ
KSM	R	Kuching ..... Sarawak, Malaysia	1 30 00.0 N ( 1.5000)	110 21 42.0 E (110.3617)	...	KLM
KSN	R	Kinkasan ..... Miyagi, Honshu, Japan opened 19770615.	38 16 18.0 N (38.2717)	141 35 18.0 E (141.5883)	...	TOH



Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
KSP	D Ksiaz ..... Poland opened 197101. (KSP) see international code KSPM	50 50 36.0 N (50.8433)	16 17 36.0 E ( 16.2933)	380.0	WAR
KSPM	Sherwood Peak ..... Mendocino County, California, U.S.A. MNLO code KSP.	39 31 02.4 N (39.5173)	123 30 05.4 W (123.5015)	869.0	MNLO
KSR	Koster ..... Transvaal, South Africa	25 51 54.0 S (25.8650)	26 53 48.0 E ( 26.8967)	1623.0	PRE
KSRS	R Korea Array ..... South Korea	37 27 14.4 N (37.4540)	127 55 22.8 E (127.9230)	...	
KST	R Kastek ..... Kazakh S.S.R., U.S.S.R.	43 00 .. N (43.0000)	76 00 .. E ( 76.0000)	...	MOSR
KSTOP	F (keyword for telegraphic format)				
KSU	Kousour ..... Djibouti opened 1976	11 31 03.0 N (11.5175)	42 26 44.9 E ( 42.4458)	370.0	ARO
KSV	R Kosov ..... Ukraine S.S.R., U.S.S.R. MOS code KOV.	48 19 .. N (48.3167)	25 04 .. E ( 25.0667)	...	MOSR
KT1	Kermi ..... New Mexico, U.S.A. opened 19751108.	32 04 06.0 N (32.0683)	103 19 44.4 W (103.3290)	930.0	USGS
KT2	C Kermi ..... New Mexico, U.S.A. 19760120-19761215.	32 05 22.0 N (32.0894)	103 06 08.0 W (103.1022)	927.0	USGS
KT3	Kermi ..... Texas, U.S.A.	31 37 21.6 N (31.6227)	103 17 19.8 W (103.2888)	855.0	USGS
KT4	Kermi ..... Texas, U.S.A. opened 19760117.	31 54 36.0 N (31.9100)	103 18 54.6 W (103.3152)	948.0	USGS
KT5	C Kermi ..... New Mexico, U.S.A. 19760324-19761015.	32 04 04.8 N (32.0680)	103 19 34.2 W (103.3262)	...	USGS
KT7	Kermi ..... Texas, U.S.A. opened 19751113.	31 42 33.0 N (31.7092)	103 18 21.6 W (103.3060)	847.0	USGS
KT8	Kermi ..... Texas, U.S.A. opened 19760116.	31 42 24.0 N (31.7067)	103 05 49.8 W (103.0972)	840.0	USGS
KT9	C Kermi ..... Texas, U.S.A. 19760117-19761014.	31 43 04.0 N (31.7178)	102 52 52.0 W (102.8811)	869.0	USGS
KTA	Kotzebue ..... Northern Alaska, Alaska, U.S.A. opened 197608.	66 51 00.0 N (66.8500)	162 36 36.0 W (162.6100)	26.0	GIA
KTE	C Kermi ..... Texas, U.S.A. 19760115-19761014.	31 31 40.0 N (31.5278)	103 05 51.0 W (103.0975)	799.0	USGS
KTG	Kap Tobin ..... Greenland opened 196307. WWSS 196307-19800831.	70 25 .. N (70.4167)	21 59 .. W ( 21.9833)	6.0	COP WWSS
KTJ	Kamata ..... Shizuoka, Honshu, Japan opened 197804. (KTJ) see international code KTJD	34 56 36.0 N (34.9433)	139 05 12.0 E (139.0867)	58.0	JMA
KTJD	R Kamitokara ..... Gifu, Honshu, Japan opened 19690220. DRI code KTJ.	36 16 48.7 N (36.2802)	137 19 37.4 E (137.3271)	760.0	DRI
KTM	C Kotmai ..... Alaska Peninsula, Alaska, U.S.A. 19730727-19750824.	58 19 28.8 N (58.3247)	155 22 35.4 W (155.3765)	945.0	AGS
KTN	R Katrineberg ..... Sweden opened 198001 (KTN) see international code KTNK	61 03 57.6 N (61.0660)	16 17 02.4 E ( 16.2840)	...	HFS
KTNK	R Kotano ..... Osaka, Honshu, Japan opened 19750729. KYT code KTN.	34 46 17.9 N (34.7716)	135 42 18.9 E (135.7052)	250.0	KYT
KTR	C Kotsuura ..... Chiba, Honshu, Japan	35 09 .. N (35.1500)	140 19 .. E (140.3167)	290.0	
KTJ	C Kermi ..... Texas, U.S.A. opened 19751110.	31 32 37.0 N (31.5436)	102 52 55.0 W (102.8819)	795.0	USGS
KTX	Kermi ..... Texas, U.S.A. opened 19760116.	31 31 49.8 N (31.5305)	103 17 22.8 W (103.2897)	847.0	USGS
KTZ	Kutztown ..... Pennsylvania, U.S.A. opened 196710.	40 30 42.0 N (40.5117)	75 46 48.0 W ( 75.7800)	148.0	
KUB	R Kuba ..... Azerbaijan S.S.R., U.S.S.R.	41 24 .. N (41.4000)	48 24 .. E ( 48.4000)	...	MOSR
KUC	C Kucino ..... Moskovskaya Oblast, R.S.F.S.R., U.S.S.R.	55 45 .. N (55.7500)	37 58 .. E ( 37.9667)	155.0	
KUG	Kupang ..... Timor, Nusa Tenggara, Indonesia opened 19730101.	10 09 49.8 S (10.1638)	123 35 21.0 E (123.5892)	52.0	DJA
KUH	Kaapuna ..... Hawaii, Hawaii, U.S.A. opened 19720104. HVO code KAA.	19 15 58.8 N (19.2663)	155 52 16.8 W (155.8713)	524.0	HVO

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
KUK	Kukurantumi ..... Ghana opened 197306.	6 11 20.4 N ( 6.1890)	0 22 08.4 W ( 0.3690)	198.0	
KUL	Kulyab ..... Tajik S.S.R., U.S.S.R.	37 54 .. N (37.9000)	69 45 .. E ( 69.7500)	605.0	MOS
KUM	Kumamoto ..... Kumamoto, Kyushu, Japan (32.8100)	32 48 36.0 N (32.8100)	130 42 36.0 E (130.7100)	39.0	JMA
KUMJ	Kumamoto 2 ..... Kumamoto, Kyushu, Japan (32.5350)	32 32 06.0 N (32.5350)	130 49 42.0 E (130.8283)	170.0	JMA
KUN	(Alternate Abbreviation for KMI)				
KUP	C Kupang ..... Timor, Nusa Tenggara, Indonesia closed 1973?	10 10 04.0 S (10.1678)	123 35 11.0 E (123.5864)	52.0	DJA
KUPN	Kupiano ..... New Guinea, Papua New Guinea opened 19831214.	10 04 37.0 S (10.0769)	148 11 03.0 E (148.1842)	10.0	PMG
KUPT	Kupang ..... Timor, Nusa Tenggara, Indonesia (10.1513)	10 09 04.8 S (10.1513)	123 36 19.2 E (123.6053)	...	DJA
KUR	Kurilsk ..... Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R. (45.2333)	45 14 .. N (45.2333)	147 52 .. E (147.8667)	...	MOS
KUS	Kushiro ..... Kushiro, Hokkaido, Japan (42.9783)	42 58 42.0 N (42.9783)	144 23 42.0 E (144.3950)	34.0	JMA
KUSJ	Kushiro Outpost ..... Kushiro, Hokkaido, Japan opened 1978.	43 05 54.0 N (43.0983)	144 42 36.0 E (144.7100)	75.0	JMA
KUT	C Kutsugahara ..... Hiroshima, Honshu, Japan 19680506-19741227.	34 57 10.1 N (34.9528)	132 48 57.2 E (132.8159)	336.0	ERIJ
KUU	Kurty ..... Kazakh S.S.R., U.S.S.R. Location uncertain. (44.2500)	44 15 .. N (44.2500)	76 45 .. E ( 76.7500)	...	MOSR
KV- KV-AT	(Alternate Abbreviation for KV-AT)				
	C Keg River ..... Alberta, Canada 19651012-19651115; 19680826-19680909.	56 49 49.0 N (56.8303)	117 19 26.0 W (117.3239)	305.0	LRSM
KV01	R Kirishima Volcano ..... Kagoshima, Kyushu, Japan opened 196404. ERIJ code K01.	31 56 41.0 N (31.9447)	130 50 52.0 E (130.8478)	1215.0	ERIJ
KV02	R Kamimanzen ..... Miyazaki, Kyushu, Japan opened 196404. ERIJ code K02.	31 59 35.0 N (31.9931)	130 50 11.0 E (130.8364)	430.0	ERIJ
KV03	R Oonami West ..... Kagoshima, Kyushu, Japan opened 196404. ERIJ code K03.	31 55 18.0 N (31.9217)	130 50 33.0 E (130.8425)	1188.0	ERIJ
KV04	R Kurina-dake ..... Miyazaki, Kyushu, Japan opened 196902. ERIJ code K04.	31 56 32.0 N (31.9422)	130 48 48.0 E (130.8133)	1020.0	ERIJ
KV05	R Oonami East ..... Kagoshima, Kyushu, Japan opened 197407. ERIJ code K05.	31 55 18.0 N (31.9217)	130 51 31.0 E (130.8586)	1300.0	ERIJ
KV06	R Karakunidake ..... Miyazaki, Kyushu, Japan opened 196603. ERIJ code K06.	31 56 58.0 N (31.9494)	130 52 16.0 E (130.8711)	1100.0	ERIJ
KV09	R Okamoto-Ura ..... Miyazaki, Kyushu, Japan opened 196603. ERIJ code K09.	32 01 06.0 N (32.0183)	130 47 16.0 E (130.7878)	280.0	ERIJ
KV11	R Takachiho West ..... Kagoshima, Kyushu, Japan opened 196803. ERIJ code K11.	31 53 02.0 N (31.8839)	130 53 56.0 E (130.8989)	980.0	ERIJ
KV12	R Sinyu ..... Kagoshima, Kyushu, Japan opened 197605. ERIJ code K12.	31 53 19.0 N (31.8886)	130 52 17.0 E (130.8714)	890.0	ERIJ
KV91	R Ura ..... Miyazaki, Kyushu, Japan opened 197805. ERIJ code K91.	32 00 47.0 N (32.0131)	130 48 11.0 E (130.8031)	308.0	ERIJ
KVG	Kavieng ..... New Ireland, Papua New Guinea opened 197405.	2 34 20.0 S ( 2.5722)	150 47 42.0 E (150.7950)	1.0	PMG
KVN	Kaiserville ..... Nevada, U.S.A. opened 197109.	39 03 03.6 N (39.0510)	118 06 00.0 W (118.1000)	1829.0	REN
KVO	R Kavakta ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R. (56.1000)	56 06 .. N (56.1000)	113 06 .. E (113.1000)	...	MOSR
KVT	Kavak ..... Turkey opened 19760724. (41.0806)	41 04 50.2 N (41.0806)	36 02 47.0 E ( 36.0464)	650.0	ISK
KWA	(Alternate Abbreviation for GYA)				
KWJ	U Kawai ..... Shiga, Honshu, Japan 197308-197310.	35 30 55.3 N (35.5154)	136 14 58.0 E (136.2494)	170.0	DRI
KWT	R Kawatabi ..... Miyagi, Honshu, Japan opened 19750419.	38 45 12.0 N (38.7533)	140 45 36.0 E (140.7600)	260.0	TOH
KWZ	R Kawazu ..... Shizuoka, Honshu, Japan opened 197509.	34 45 45.0 N (34.7625)	138 59 24.0 E (138.9900)	65.0	ERIJ
KYA	C Kyakhta ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R. (50.3667)	50 22 .. N (50.3667)	106 27 .. E (106.4500)	...	

## CODES

TABLE 1

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
KYJ	R	Kuroyan Tayama, Honshu, Japan opened 197001.	36 33 50.4 N (36.5640)	137 40 09.0 E (137.6692)	1390.0	ERIJ
KYK	C	Kayak Island Central Alaska, Alaska, U.S.A. opened 19741002.	59 52 06.0 N (59.8683)	144 31 23.4 W (144.5232)	375.0	AGS
KYL		Kyle Scotland, United Kingdom	57 19 11.0 N (57.3197)	5 39 02.0 W ( 5.6506)	105.0	BGS
KYO		Kyoto Kyoto, Honshu, Japan moved 195812.	35 00 42.0 N (35.0117)	135 44 06.0 E (135.7350)	42.0	JMA
KYP	R	Key Point Los Angeles County, California, U.S.A. opened 197306.	34 06 06.6 N (34.1018)	118 52 46.2 W (118.8795)	700.0	PAS
KYS		Kiyasumi Chiba, Honshu, Japan opened 196604.	35 11 51.6 N (35.1977)	140 08 53.6 E (140.1482)	180.0	ERIJ
KYT (KYT)	F	Kyoto University, Japan see international code KYTD				
KYTD	R	Kurayoshi Tottori, Honshu, Japan opened 197209. DRI code KYT.	35 26 21.2 N (35.4392)	133 50 01.9 E (133.8339)	100.0	DRI
KZI		Kaziranga Assam, India opened 198302.	26 34 36.0 N (26.5767)	93 24 30.0 E ( 93.4083)	130.0	JHI
KZJ	R	Kashiwa-zaki Niigata, Honshu, Japan opened 19690821.	37 19 50.4 N (37.3307)	138 31 35.4 E (138.5265)	100.0	ERIJ
KZL	R	Kazelskiy Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R. (53.2000)	53 12 .. N (53.2000)	158 54 .. E (158.9000)	...	MOSR
KZM		Kalamazoo Michigan, U.S.A. opened 197802.	42 09 10.0 N (42.1528)	85 49 16.0 W ( 85.8211)	...	AAM
KZN		Kozani Greece opened 197206.	40 18 24.0 N (40.3067)	21 46 15.0 E ( 21.7708)	900.0	ATH
KZT	U	Kanzaki Hyogo, Honshu, Japan 196912-197206.	35 04 26.1 N (35.0739)	134 47 35.8 E (134.7933)	200.0	DRI
KZW	R	Kaizawa Aomori, Honshu, Japan opened 197512.	40 41 29.3 N (40.6915)	140 21 47.1 E (140.3631)	160.0	HRS
L6KY		Lock 6 Kentucky, U.S.A. (Alternate Abbreviation for LA-GA)	37 55 33.6 N (37.9260)	84 49 12.0 W ( 84.8200)	128.0	BHXY
LA- LA-GA	C	Lafayette Georgia, U.S.A. 19651203-19651213.	34 51 26.0 N (34.8572)	85 27 00.0 W ( 85.4500)	610.0	LRSN
LA0	R	(Alternate Abbreviation for LA0)				
LAA	C	Little America Lesser Antarctica, Antarctica (78.2000)	78 12 .. S (78.2000)	162 15 .. W (162.2500)	...	
LAC		Landers San Bernardino County, California, U.S.A. opened 196808.	34 23 23.2 N (34.3898)	116 24 41.4 W (116.4115)	792.0	LAC
LAD		Ladron Mountain New Mexico, U.S.A. opened 197601.	34 27 30.0 N (34.4583)	107 02 15.0 W (107.0375)	1768.0	NEIS
LAE	C	Lae New Guinea, Papua New Guinea 1966-19700518.	6 40 23.0 S ( 6.6731)	146 54 48.0 E (146.9133)	50.0	PMG
LAF	C	Lafayette Rhode Island, U.S.A. 19760325-19770610.	41 33 03.0 N (41.5508)	71 30 24.0 W ( 71.5067)	40.0	WES
LAG		Langila (Cape Gloucester) New Britain, Papua New Guinea opened 196712; operates intermittently.	5 27 20.0 S ( 5.4556)	148 26 00.0 E (148.4333)	24.0	RAB
LAH	C	Lahore Pakistan opened 1952. WWSS 19620904-19681231.	31 33 .. N (31.5500)	74 20 .. E ( 74.3333)	210.0	QUE WWSS
LAK		Lawrence Kansas, U.S.A. opened 19770814.	39 02 46.8 N (39.0463)	95 12 16.2 W ( 95.2045)	326.0	LAK
(LAM)		see international code CXM				
LAN	C	Lanzhou (Lonchaw) Gansu, China (Mainland) (36.0500)	36 03 .. N (36.0500)	103 50 .. E (103.8333)	1518.0	BJI
(LAN)		see international code LANC				
LANC	R	Lancaster Los Angeles County, California, U.S.A. opened 198104. PAS code LAN.	34 43 37.2 N (34.7270)	118 03 03.6 W (118.0510)	719.0	PAS
LANH		Locania New Hampshire, U.S.A. (43.5910)	43 35 27.6 N (43.5910)	71 29 24.0 W ( 71.4900)	200.0	
LAO	CD	LASA Array Montana, U.S.A. 196601-1978?	46 41 19.0 N (46.6886)	106 13 20.0 W (106.2222)	744.0	LASA
LAP		La Paz Baja California Sur, Mexico reopened 19720802 at new location.	24 09 36.0 N (24.1600)	110 16 48.0 W (110.2800)	65.0	PAS
LAQ	D	La Grande Quebec, Canada ECTN 19781015-19791107.	53 48 26.4 N (53.8073)	77 01 12.0 W ( 77.0200)	183.0	ECTN

CODES

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
(LAQ)	see international code LAQC				
LAQC	R La Quinta ..... Riverside County, California, U.S.A. opened 198108. PAS code LAQ.	33 37 40.8 N (33.6280)	116 16 46.8 W (116.2797)	49.0	PAS
LAR	C Laramie ..... Wyoming, U.S.A. 1954-1977.	41 18 52.0 N (41.3144)	105 34 59.0 W (105.5831)	2400.0	
LAS	C Mount Lassen ..... Shasta County, California, U.S.A. 19731001-19740716.	40 28 30.7 N (40.4752)	121 30 29.5 W (121.5082)	2650.0	MNLO
LASA	F Large Aperture Seismic Array, Billings, Montana				
LAT	Lae ..... New Guinea, Papua New Guinea opened 19700519.	6 39 12.0 S ( 6.6533)	147 00 00.0 E (147.0000)	72.0	PMG
LAV	Laguna Verde ..... Valparaiso, Chile opened 198212?	33 05 14.5 S (33.0874)	71 44 46.2 W ( 71.7462)	60.0	SAN
(LAV)	see international code LAVC				
LAVC	R Lavic ..... San Bernardino County, California, U.S.A. opened 198105. PAS code LAV.	34 45 57.0 N (34.7658)	116 17 11.4 W (116.2865)	902.0	PAS
LAW	Lawrence ..... Kansas, U.S.A. 1909-1933; reopened 1952.	38 57 34.0 N (38.9594)	95 15 00.0 W ( 95.2500)	260.0	
LAX	Bahia de Los Angeles ..... Baja California, Mexico opened 19711231.	28 56 48.0 N (28.9467)	113 34 00.0 W (113.5667)	50.0	PAS
LAY	Lan-yu ..... China (Taiwan) (Alternate Abbreviation for LB-NH)	22 02 .. N (22.0333)	121 33 .. E (121.5500)	322.0	TAP
LB-					
LB-NH	C Lebanon ..... New Hampshire, U.S.A. 19620614-19620628.	43 37 15.0 N (43.6208)	72 16 32.0 W ( 72.2756)	274.0	LRSN
LB1	CD LASA B Ring ..... Montana, U.S.A. 196601-19780630.	46 45 08.0 N (46.7522)	106 05 30.0 W (106.0917)	754.0	LASA
LB2	CD LASA B Ring ..... Montana, U.S.A. 196601-19780630.	46 38 06.0 N (46.6350)	106 09 46.0 W (106.1628)	694.0	LASA
LB3	CD LASA B Ring ..... Montana, U.S.A. 196601-19780630.	46 39 33.0 N (46.6592)	106 19 01.0 W (106.3169)	723.0	LASA
LB4	CD LASA B Ring ..... Montana, U.S.A. 196601-19780630.	46 46 05.0 N (46.7681)	106 14 35.0 W (106.2431)	717.0	LASA
LBC	C Lubudi ..... Zaire 196612-before 1977.	9 54 .. S ( 9.9000)	25 59 .. E ( 25.9833)	1375.0	
LBF	D Les Buteaux ..... Nivernais, France	46 59 04.0 N (46.9844)	3 58 38.0 E ( 3.9772)	715.0	LDG
(LBF)	see international code LBFM				
LBFM	Black Fox ..... Siskiyou County, California, U.S.A. MNLO code LBF.	41 20 49.2 N (41.3470)	121 53 25.2 W (121.8903)	1982.0	MNLO
LBM	C Little Butte ..... Montana, U.S.A. 19741009-19761004.	46 30 53.7 N (46.5149)	111 51 13.4 W (111.8537)	1524.0	MSO
LBP	U Lucky Bay Pass ..... Nevada, U.S.A. 197603-197809.	38 25 55.2 N (38.4320)	118 44 20.4 W (118.7390)	2280.0	REN
LBO	D La Grande ..... Quebec, Canada ECTN 19781011-19791107.	53 32 09.6 N (53.5360)	77 21 14.4 W ( 77.3540)	183.0	ECTN
LBT	Labete ..... Solomon Islands ( 8.3167)	8 19 .. S ( 8.3167)	157 16 .. E (157.2667)	...	HNR
LBUT	C Lower Browns Hole ..... Weber County, Utah, U.S.A. 197808-198105.	41 18 34.8 N (41.3097)	111 43 54.0 W (111.7317)	1768.0	SLC
LC-	(Alternate Abbreviation for LC-NM)				
LC-NM	C Las Cruces ..... New Mexico, U.S.A. 19610920-19650723; open 5 intervals during 19650928-19730522.	32 24 08.0 N (32.4022)	106 35 58.0 W (106.5994)	1585.0	LRSN
LC1	CD LASA C Ring ..... Montana, U.S.A. 196601-1978?	46 50 22.0 N (46.8394)	106 07 39.0 W (106.1275)	719.0	LASA
LC2	CD LASA C Ring ..... Montana, U.S.A. 196601-19780630.	46 40 10.0 N (46.6694)	106 00 45.0 W (106.0125)	779.0	LASA
LC3	CD LASA C Ring ..... Montana, U.S.A. 196601-19780630.	46 34 27.0 N (46.5742)	106 14 59.0 W (106.2497)	682.0	LASA
LC4	CD LASA C Ring ..... Montana, U.S.A. 196601-19780630.	46 44 07.0 N (46.7353)	106 22 26.0 W (106.3739)	764.0	LASA
LCA	Log Cabin ..... Alabama, U.S.A. opened 19710109. MNLO code LOG.	33 18 24.0 N (33.3067)	87 28 06.0 W ( 87.4683)	132.0	MNLO
LCAL	Lambert Chapel ..... Alabama, U.S.A.	34 31 21.0 N (34.5225)	85 37 48.6 W ( 85.6302)	544.0	TVA

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
LCC	C Liang-Chow (Wuwei) ..... Gonsu, China (Mainland)	36 05 . N (36.0833)	103 40 . E (103.6667)	1600.0	
LCCM	Lewis and Clark Caverns ..... Montano, U.S.A. opened 198303.	45 50 15.6 N (45.8377)	111 52 41.4 W (111.8782)	1669.0	BUT
(LCF)	see international code LCFM				
LCFM	Crescent Cliffs ..... Shasta County, California, U.S.A. opened 19761112. MNLO code LCF.	40 29 10.7 N (40.4863)	121 31 26.4 W (121.5240)	840.0	MNLO
LCG	Leon Cerro Gordo ..... Guanajuato, Mexico opened 196803.	21 08 42.0 N (21.1450)	101 43 30.0 W (101.7250)	2200.0	UNM
LCH	Last Change Range ..... Inyo County, California, U.S.A.	37 14 05.0 N (37.2347)	117 38 50.0 W (117.6472)	1455.0	USGS
LCI	Lecce ..... Puglia, Italy	40 20 02.0 N (40.3339)	17 57 14.0 E (17.9539)	49.0	ROM
LCL	R Rancho Los Cerritos ..... Los Angeles County, California, U.S.A.	33 50 00.0 N (33.8333)	118 11 33.0 W (118.1925)	8.0	USC
(LCM)	see international code LCMM				
LCMM	Colby Mountain ..... Tehama County, California, U.S.A. MNLO code LCM.	40 08 47.4 N (40.1465)	121 31 15.6 W (121.5210)	1829.0	MNLO
LCN	R Lincoln ..... Nebraska, U.S.A. opened 19771223.	40 48 42.0 N (40.8117)	96 42 07.0 W (96.7019)	352.0	
LCNA	Lacona ..... New York, U.S.A.	43 38 39.0 N (43.6442)	75 55 33.6 W (75.9260)	396.0	BLMY
LCNE	Loup City ..... Nebraska, U.S.A.	41 18 30.0 N (41.3083)	98 56 19.3 W (98.9387)	671.0	LAK
LCQ	RD La Grande ..... Quebec, Canada ECTN 19781013-19790227.	53 32 27.6 N (53.5410)	76 58 22.8 W (76.9730)	290.0	ECTN
LCR	C La Lucha ..... Costa Rica 197801-198211.	9 44 18.4 N (9.7384)	84 00 05.8 W (84.0016)	1400.0	SJR
LCR2	Lo Lucha 2 ..... Costa Rica opened 198211. Also sent to NEIS by ICRE.	9 44 31.8 N (9.7422)	84 00 10.8 W (84.0030)	1730.0	SJR
LCV	C La Cueva ..... New Mexico, U.S.A. opened 197309.	35 52 58.0 N (35.8828)	106 40 27.0 W (106.6742)	2652.0	LOA
LD-	(Alternate Abbreviation for LD-MS)				
LD-MS	C Lucedale ..... Mississippi, U.S.A. 19661113-19661203; 19690119-19690202.	30 57 . N (30.9500)	88 53 . W (88.8833)	70.0	LRSM
LD1	CD LASA D Ring ..... Montano, U.S.A. 196601-19780630.	46 50 23.0 N (46.8397)	105 53 22.0 W (105.8894)	759.0	LASA
LD2	CD LASA D Ring ..... Montano, U.S.A. 196601-19780630.	46 30 11.0 N (46.5031)	106 00 39.0 W (106.0108)	661.0	LASA
LD2MS	C Lucedale ..... Mississippi, U.S.A. 19690118-19690202; 19700414-19700422	30 51 10.0 N (30.8528)	88 32 26.0 W (88.5406)	79.0	LRSM
LD3	CD LASA D Ring ..... Montano, U.S.A. opened 196601.	46 32 59.0 N (46.5497)	106 28 49.0 W (106.4803)	800.0	LASA
LD3MS	C Lucedale ..... Mississippi, U.S.A. 19690118-19690202; 19700409-19700422	30 39 58.0 N (30.6661)	89 02 37.0 W (89.0436)	46.0	LRSM
LD4	CD LASA D Ring ..... Montano, U.S.A. 196601-19780630.	46 56 31.0 N (46.9419)	106 23 00.0 W (106.3833)	713.0	LASA
LDF	Lo Druitiere ..... Normandie, France opened 19820928.	48 35 37.0 N (48.5936)	0 07 20.0 W (0.1222)	290.0	LDG
LDG	F Laboratoire de Detection et de Geophysique, France				
LDM	Libby Dam ..... Montano, U.S.A. opened 19700222.	48 27 14.0 N (48.4539)	115 19 02.0 W (115.3172)	838.0	
LDN	London ..... Ontario, Canada opened 197506.	43 02 24.0 N (43.0400)	81 11 00.0 W (81.1833)	246.0	
LDO	RD La Grande ..... Quebec, Canada ECTN 19790227-19810310.	53 48 21.6 N (53.8060)	77 25 40.8 W (77.4280)	198.0	ECTN
LDV	C Leadville ..... Nevado, U.S.A. 197403-197605.	41 05 51.0 N (41.0975)	119 23 26.0 W (119.3906)	1798.0	REN
LE-	(Alternate Abbreviation for LE-TN)				
LE-TN	C Lewisburg ..... Tennessee, U.S.A. 19621017-19621027.	35 38 05.0 N (35.6347)	86 46 02.0 W (86.7672)	213.0	LRSM
LE1	CD LASA E Ring ..... Montano, U.S.A. 196601-19740101.	47 09 46.0 N (47.1628)	106 03 22.0 W (106.0561)	685.0	LASA
LE2	CD LASA E Ring ..... Montano, U.S.A. 196601-19740101.	46 30 46.0 N (46.5128)	105 21 53.0 W (105.3647)	610.0	LASA

TABLE 1

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Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
LE3	CD LASA E Ring ..... Montana, U.S.A. 196601-19740101.	46 08 58.0 N (46.1494)	106 20 03.0 W (106.3342)	761.0	LASA
LE4	CD LASA E Ring ..... Montana, U.S.A. 196601-19740101.	46 45 39.0 N (46.7608)	106 55 00.0 W (106.9167)	803.0	LASA
LEA	C Lead ..... South Dakota, U.S.A.	44 20 .. N (44.3333)	103 49 .. W (103.8167)	...	
LED	D Lead Mountain ..... San Bernardino County, California, U.S.A. opened 197404.	34 28 03.6 N (34.4677)	115 56 11.4 W (115.9365)	853.0	PAS
LEE	Leeds ..... Washington County, Utah, U.S.A. opened 196304.	37 14 34.8 N (37.2430)	113 22 36.0 W (113.3767)	1097.0	SAND
LEG	R Legaspi ..... Luzon, Philippines	13 08 .. N (13.1333)	123 44 .. E (123.7333)	19.0	MAN
LEI	C Leipzig ..... German Dem. Rep. closed 1934.	51 20 06.0 N (51.3350)	12 23 30.0 E (12.3917)	113.0	
LEK	Lexington ..... Kentucky, U.S.A. 19741001-197605.	38 02 10.0 N (38.0361)	84 30 18.0 W (84.5050)	299.0	
LEM	D Lembang ..... Jawa, Indonesia Opened 1954. WWSS opened 19641028. DWSS opened 19820601.	6 49 34.8 S (6.8263)	107 37 03.0 E (107.6175)	1252.0	DJA DWSS WWSS
LEN	Leninakan ..... Armenian S.S.R., U.S.S.R.	40 46 .. N (40.7667)	43 51 .. E (43.8500)	1522.0	MOS
LEO	Leoncita ..... San Juan, Argentina	31 47 59.0 S (31.7997)	69 20 07.0 W (69.3353)	2240.0	ZON
(LEO)	see international code LEOC				
LEOC	R Leona Valley ..... Los Angeles County, California, U.S.A. opened 198103. PAS code LEO.	34 37 52.8 N (34.6313)	118 18 13.2 W (118.3037)	1073.0	PAS
LER	Lerida ..... New South Wales, Australia opened 1970.	34 56 04.0 S (34.9344)	149 21 51.0 E (149.3642)	700.0	CAN
LES	C Lesazovodsk ..... Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	44 46 .. N (44.7667)	147 11 .. E (147.1833)	...	
LET	F (keyword for telegraphic format)				
LEV	R Loma de el Viento ..... Venezuela	7 45 57.8 N (7.7661)	63 03 38.5 W (63.0607)	337.0	GUU
LEX	C Lexington ..... Virginia, U.S.A. 197105-1977.	37 47 22.0 N (37.7894)	79 26 30.0 W (79.4417)	311.0	
LF-	(Alternate Abbreviation for LF-TN)				
LF-TN	C La Follette ..... Tennessee, U.S.A.	36 28 11.0 N (36.4697)	83 49 43.0 W (83.8286)	366.0	LRSN
LF1	CD LASA F Ring ..... Montana, U.S.A. 196601-19740101.	47 22 15.0 N (47.3708)	105 11 15.0 W (105.1875)	740.0	LASA
LF2	CD LASA F Ring ..... Montana, U.S.A. 196601-19740101.	45 54 35.0 N (45.9097)	105 29 08.0 W (105.4856)	754.0	LASA
LF3	CD LASA F Ring ..... Montana, U.S.A. 196601-19740101.	45 58 22.0 N (45.9728)	107 04 54.0 W (107.0817)	837.0	LASA
LF4	CD LASA F Ring ..... Montana, U.S.A. 196601-19740101.	47 24 40.0 N (47.4111)	106 56 37.0 W (106.9436)	707.0	LASA
LFA	Lagoa do Fogo ..... Azores, Portugal opened 1980.	37 46 21.5 N (37.7726)	25 28 59.1 W (25.4831)	693.0	PDA
LFC	C Lake Fork Canyon ..... New Mexico, U.S.A. opened 19751104.	35 52 36.8 N (35.8769)	106 39 52.9 W (106.6647)	2451.0	LOA
LFF	D La Frestal ..... Guyenne, France	44 56 12.0 N (44.9367)	0 44 10.0 E (0.7361)	193.0	LDG
LFM	C Lubrecht Forest ..... Montana, U.S.A. 19740802-19761004.	46 53 23.4 N (46.8898)	113 27 09.8 W (113.4527)	1256.0	MSO
LG-	(Alternate Abbreviation for LG-AZ)				
LG-AZ	C Long Valley ..... Arizona, U.S.A. 19640402-19651004.	34 24 28.0 N (34.4078)	111 32 45.0 W (111.5458)	1768.0	LRSN
LGA	RD Laguna Mountains ..... Arizona, U.S.A. opened 197507.	32 45 34.8 N (32.7597)	114 29 34.2 W (114.4928)	68.0	PAS
LGAR	La Grange ..... Arkansas, U.S.A. opened 19790807.	34 39 05.7 N (34.6516)	90 39 23.3 W (90.6565)	100.0	TEIC
(LGB)	see international code LGBM				
LGBM	Gray Butte ..... Siskiyou County, California, U.S.A. MNLO code LGB. USTN closed.	41 20 42.6 N (41.3452)	122 11 39.6 W (122.1943)	2304.0	MNLO USTN
LGC	C Lakewood Golf Course ..... Los Angeles County, California, U.S.A. 197105-19740315.	33 50 09.0 N (33.8358)	118 09 01.2 W (118.1503)	17.0	PAS
LGD	R Lagadekhi ..... Georgian S.S.R., U.S.S.R.	41 48 .. N (41.8000)	46 18 .. E (46.3000)	...	TIF

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
LGG	R	Legon ..... Ghana opened 197611. moved 400m in early 1977.	5 38 54.0 N ( 5.6483)	0 11 48.0 W ( 0.1967)	137.0	
LGM	C	Little Green Mountain ..... Idaho, U.S.A. 197110-19740725.	46 43 58.8 N (46.7330)	116 05 34.8 W (116.0930)	1455.0	MSO
LGN		Lagunillas ..... Venezuela opened 196908.	10 08 43.0 N (10.1453)	71 16 13.0 W ( 71.2703)	-3.0	CAR
LGP		Legaspi ..... Luzon, Philippines opened 19751008.	13 09 22.2 N (13.1562)	123 44 01.8 E (123.7338)	19.0	MAN
LGO	U	La Grande-2 ..... Quebec, Canada 19760804-19800419.	53 41 31.2 N (53.6920)	77 43 30.0 W ( 77.7250)	190.0	OTTR
LGR		Logrono ..... Spain (42.4578)	42 27 28.0 N (42.4578)	2 30 11.7 W ( 2.5032)	446.0	MDD
LHA	C	Lhasa ..... Tibet, China (Mainland) (29.6367)	29 38 12.0 N (29.6367)	91 02 12.0 E ( 91.0367)	3658.0	BJI
LHC		Lakehead University (Thunder Bay) ..... Ontario, Canada opened 19690228.	48 25 .. N (48.4167)	89 16 .. W ( 89.2667)	196.0	OTT
LHD		Little Hoado Mountain ..... Montana, U.S.A. (48.2578)	48 15 27.9 N (48.2578)	115 33 30.3 W (115.5584)	1134.0	
LHE		Lhers ..... Bearn, France (42.9130)	42 54 46.8 N (42.9130)	0 37 16.7 W ( 0.6213)	1070.0	PAR
LHG		La Concha ..... Guatemala opened 1979.	14 26 42.0 N (14.4450)	91 10 57.0 W ( 91.1825)	600.0	GCG
(LHK)		see international code LHKM				
LHKM		Mount Harkness ..... Plumas County, California, U.S.A. MNLO code LHK.	40 26 07.2 N (40.4353)	121 16 40.2 W (121.2778)	2060.0	MNLO
LHM	C	Lake Helena ..... Montana, U.S.A. 19741009-19761004.	46 40 32.1 N (46.6756)	111 56 36.1 W (111.9434)	1117.0	MSO
LHN		Lillehammer ..... Norway opened 19650401.	61 02 57.0 N (61.0492)	10 52 48.0 E ( 10.8800)	555.0	BER
LHS		Liberty Hill ..... South Carolina, U.S.A. opened 19740520.	34 28 45.0 N (34.4792)	80 48 30.0 W ( 80.8083)	120.0	USGS USTN
LHU	D	Lake Hughes ..... Los Angeles County, California, U.S.A. opened 197606.	34 40 15.6 N (34.6710)	118 24 40.7 W (118.4113)	1036.0	PAS
LHV		Little Huntan Valley ..... Nevada, U.S.A. (38.2512)	38 15 04.2 N (38.2512)	118 30 16.2 W (118.5045)	...	REN
LI-		(Alternate Abbreviation for LI-NV)				
LI-NV	C	Liberty ..... Nevada, U.S.A. (38.3061)	38 18 22.0 N (38.3061)	117 17 30.0 W (117.2917)	1829.0	LRSM
LIB	R	Langara Island ..... British Columbia, Canada Opened 198409.	54 15 21.0 N (54.2558)	133 03 30.0 W (133.0583)	35.0	OTTR
LIC		Lamto ..... Ivory Coast opened 196506.	6 13 28.0 N ( 6.2244)	5 01 40.0 W ( 5.0278)	100.0	LIC
LICR	R	Limon ..... Costa Rica	...	...	...	HDC
LIL	C	Lille ..... Artois, France (50.6158)	50 36 57.0 N (50.6158)	3 04 15.0 E ( 3.0708)	13.0	
LILH		Lima ..... New York, U.S.A. (42.9213)	42 55 16.8 N (42.9213)	77 37 01.8 W ( 77.6172)	233.0	BLMY
LIM		Lima ..... Peru (11.9750)	11 58 30.0 S (11.9750)	77 02 05.0 W ( 77.0347)	127.0	LIM
LIN	C	Lincoln ..... Nebraska, U.S.A. 1931-1961.	40 50 18.0 N (40.8383)	96 39 12.0 W ( 96.6533)	366.0	
LIO		Liman ..... Costa Rica Also sent to NEIS by ICRE.	10 00 18.0 N (10.0050)	83 02 06.0 W ( 83.0350)	62.0	SJR
LIP		Lipkovo ..... Yugoslavia opened 196901.	42 09 45.0 N (42.1625)	21 35 00.0 E ( 21.5833)	483.0	SKO
LIS		Lisban ..... Portugal (38.7165)	38 42 59.4 N (38.7165)	9 08 56.7 W ( 9.1491)	77.0	
LIT		Litakharan ..... Greece (40.1008)	40 06 03.0 N (40.1008)	22 29 24.0 E ( 22.4900)	480.0	THE
(LIT)		see international code LITR				
LITR	R	Litchfield ..... Lassen County, California, U.S.A. opened 197804. REN code LIT.	40 25 50.9 N (40.4308)	120 19 14.9 W (120.3208)	1646.0	REN
LIV	C	Livarno ..... Tascano, Italy (43.5333)	43 32 .. N (43.5333)	10 18 .. E ( 10.3000)	...	
LIY		Limay ..... Nicaragua opened 1975.	13 11 54.0 N (13.1983)	86 33 36.6 W ( 86.5602)	460.0	APY
LJB		Lovejoy Buttes ..... Los Angeles County, California, U.S.A. opened 197712.	34 35 28.2 N (34.5912)	117 50 52.8 W (117.8480)	899.0	PAS

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
LJC	C	La Jolla San Diego County, California, U.S.A. 19270504-19751130.	32 51 48.0 N (32.8633)	117 15 12.0 W (117.2533)	8.0	PAS
LJU		Ljubljana (Laibach) Yugoslavia	46 02 36.0 N (46.0433)	14 32 00.0 E ( 14.5333)	396.0	LJU
LJX		Veracruz, Mexico	19 32 18.0 N (19.5383)	97 08 57.0 W ( 97.1492)	3050.0	MEX
LKC		Lake Chabot Alameda County, California, U.S.A. opened 19721121. MNLO code CLC.	37 44 16.8 N (37.7380)	122 03 49.8 W (122.0638)	312.0	MNLO
LKP	R	Likhapani Arunachal Pradesh, India	27 20 .. N (27.3333)	96 04 .. E ( 96.0667)	...	NDI
LKW		Lake Wisdom New Guinea, Papua New Guinea	5 20 06.0 S ( 5.3350)	147 03 54.0 E (147.0650)	150.0	RAB
LL-		(Alternate Abbreviation for LL-MS)				
LL-MS	C	Laurel Mississippi, U.S.A. 19661114-19661203; 19690117-19690202; 19700412-19700422.	31 43 17.0 N (31.7214)	89 21 21.0 W ( 89.3558)	91.0	LRSM
LLA		Llanada San Benito County, California, U.S.A. opened 19610908.	36 37 00.0 N (36.6167)	120 56 36.0 W (120.9433)	475.0	BRK
(LLA)		see international code LLAC				
LLAC	R	Llano San Bernardino County, California, U.S.A. opened 198105. PAS code LLA.	34 50 43.8 N (34.8455)	117 29 07.8 W (117.4855)	1018.0	PAS
LLC	C	La Lucha Farm Costa Rica 196602-197801.	9 39 55.5 N ( 9.6654)	83 59 56.7 W ( 83.9991)	1400.0	SJR
LLI		Lipari Lipari Islands, Italy	38 26 42.0 N (38.4450)	14 56 53.0 E ( 14.9481)	225.0	LLI
LLKY		Land-Between-the-Lakes Kentucky, U.S.A. opened 1985?	36 55 19.2 N (36.9220)	88 05 49.2 W ( 88.0970)	...	BHKY
LLL	C	Lillaoet British Columbia, Canada 195901-19600201.	50 41 42.0 N (50.6950)	121 55 00.0 W (121.9167)	...	OTTR
LLS	D	Linthal-Limmern Switzerland opened 197112.	46 52 08.0 N (46.8689)	8 59 49.0 E ( 8.9969)	1900.0	ZUR
LLW	R	Llanuwchllyn Wales, United Kingdom	52 50 57.0 N (52.8492)	3 39 54.0 W ( 3.6650)	...	BKN
LM-		(Alternate Abbreviation for LM-NV)				
LM-NV	C	Lake Mead Nevada, U.S.A. 19611125-19611220; 19620509-19620514.	36 34 57.0 N (36.5825)	114 32 07.0 W (114.5353)	536.0	LRSM
LM2	C	Lima (Magdalena) Peru Closed 19840303.	12 05 06.0 S (12.0850)	77 03 30.0 W ( 77.0583)	...	LIM
LMA	R	Le Marinel Zaire	10 18 .. S (10.3000)	25 24 .. E ( 25.4000)	...	
LMC		Lamocks (Nanpeng Liedao) Guongdang, China (Mainland)	23 16 .. N (23.2667)	117 17 .. E (117.2833)	...	
(LMC)		see international code LMCR				
LMCR		Lookout Mountain Mono County, California, U.S.A. opened 197911. REN code LMC.	37 43 41.9 N (37.7283)	118 56 42.7 W (118.9452)	2530.0	REN
LMF	C	Le Mans Maine, France	48 00 .. N (48.0000)	0 12 .. E ( 0.2000)	77.0	
LMG		Lamington New Guinea, Papua New Guinea opened 1970.	8 54 30.0 S ( 8.9083)	148 09 00.0 E (148.1500)	1200.0	RAB
(LMH)		see international code LMHM				
LMHM		Mount Hoffman Siskiyou County, California, U.S.A. MNLO code LMH.	41 34 44.4 N (41.5790)	121 39 26.4 W (121.6573)	2278.0	MNLO USTN
LML		Lae-Mount Lunamon New Guinea, Papua New Guinea opened 1979.	6 44 06.5 S ( 6.7351)	147 00 31.5 E (147.0087)	100.0	PMG
LMM		Moputo (Laurenco Marques) Mozambique	25 58 07.0 S (25.9686)	32 35 39.0 E ( 32.5942)	55.0	
LMN	D	Caledonia Mountain New Brunswick, Canada opened 19811028.	45 51 07.2 N (45.8520)	64 48 21.6 W ( 64.8060)	363.0	ECTN
LMO	C	Lookout Mountain Observatory Los Angeles County, California, U.S.A. 19710212-19730603.	34 06 31.0 N (34.1086)	118 23 16.0 W (118.3878)	392.0	
LMP		Lamap Vanuatu Islands	16 25 32.0 S (16.4256)	167 48 01.0 E (167.8003)	60.0	NOU
(LMP)		see international code LMPM				
LMPM		Military Pass Siskiyou County, California, U.S.A. MNLO code LMP.	41 29 18.0 N (41.4883)	122 09 41.4 W (122.1615)	1865.0	MNLO
LMQ		La Malbaie Quebec, Canada opened 19761103.	47 32 54.0 N (47.5483)	70 19 36.0 W ( 70.3267)	419.0	OTTR
LMR	D	La Maurre Provence, France	43 20 02.0 N (43.3339)	6 30 33.0 E ( 6.5092)	200.0	LDG



## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
LMS	Lookout Mountain Observatory Los Angeles County, California, U.S.A. opened 19740411.	34 04 09.0 N (34.0692)	118 26 25.0 W (118.4403)	131.0	
LMT	C Lemanthyme Tasmania, Australia 19690925-19710806.	41 36 36.0 S (41.6100)	146 09 07.0 E (146.1519)	349.0	TAU
LMTN	Little Mountain Tennessee, U.S.A.	35 53 12.6 N (35.8868)	83 24 35.4 W (83.4098)	610.0	TVA
LMU	C Lake Mauntain Utah County, Utah, U.S.A. 197409-198003.	40 16 59.0 N (40.2831)	111 56 13.0 W (111.9369)	2316.0	SLC
LMW	Lodd Mountain Washington, U.S.A. opened 19750630.	46 40 04.8 N (46.6680)	122 17 28.8 W (122.2913)	1195.0	SEA
(LMZ)	see international code LMZM				
LMZM	Manzanita Lake Shasta County, California, U.S.A. opened 19761112. MNLO code LMZ.	40 32 39.5 N (40.5443)	121 33 51.5 W (121.5643)	329.0	MNLO
LN-MA	C Lewistown Montano, U.S.A. 19671107-19671210	47 12 43.0 N (47.2119)	109 08 56.0 W (109.1489)	1448.0	LRSM
LNA	Lyongor Tojik S.S.R., U.S.S.R. location uncertain.	38 12 .. N (38.2000)	69 12 .. E (69.2000)	...	MOSR
LNB	Los Nubes Nicaragua opened 1983.	12 01 58.2 N (12.0328)	86 15 11.4 W (86.2532)	640.0	APY
LNC	C Lunocharskoye Uzbek S.S.R., U.S.S.R.	41 20 .. N (41.3333)	69 21 .. E (69.3500)	...	
LND	C London Ontario, Canada 19611207-19670531.	43 02 24.0 N (43.0400)	81 11 00.0 W (81.1833)	246.0	OTT
LNF	Linfen Shanxi, China (Mainland)	36 05 48.0 N (36.0967)	111 31 06.0 E (111.5183)	...	
LNG	C Luning Nevada, U.S.A.	38 36 54.0 N (38.6150)	118 12 34.8 W (118.2097)	...	
LNK	Lenkoran Azerbaijan S.S.R., U.S.S.R.	38 44 .. N (38.7333)	48 50 .. E (48.8333)	...	MOSR
LNM	Leon Guonajuato, Mexico	21 07 00.0 N (21.1167)	101 40 03.0 W (101.6675)	1800.0	UNM
LNN	C Leningrad Leningradskaya Oblast, R.S.F.S.R., U.S.S.R.	59 56 .. N (59.9333)	30 18 .. E (30.3000)	3.0	
LNR	Lonorore Vanuatu Islands	15 51 07.0 S (15.8519)	168 09 36.0 E (168.1600)	8.0	NOU
LNS	Lanslevillard Savoie, France	45 17 20.0 N (45.2889)	6 54 53.0 E (6.9147)	1480.0	STR
LNT	F (keyword for telegraphic format)				
LNV	Longavila Valparaiso, Chile opened 1972.	33 57 20.0 S (33.9556)	71 24 39.0 W (71.4108)	...	SAN
LNx	Lenox Massachusetts, U.S.A. (Alternate Abbreviation for LO-NV)	42 20 20.0 N (42.3389)	73 16 20.6 W (73.2724)	345.0	WES
LO- LO-NV	C Lovelock Nevada, U.S.A. 19630223-19630329.	39 56 07.0 N (39.9353)	118 50 22.0 W (118.8394)	1280.0	LRSM
LO2	C Pahute Mesa Nevada, U.S.A. 197305-1975.	37 11 52.5 N (37.1979)	116 22 43.2 W (116.3787)	2019.0	USGS
LOA	C Los Alamos New Mexico, U.S.A. opened 19720112.	35 49 28.9 N (35.8247)	106 17 39.8 W (106.2944)	2144.0	LOA
LOB	R Lobatse Botswana	...	...	...	
LOC	Lincoln School Morin County, California, U.S.A. opened 19700814. MNLO code NLN.	38 09 09.0 N (38.1525)	122 42 45.0 W (122.7125)	120.0	MNLO
LOE	Laei Thailand opened 198412.	17 24 22.8 N (17.4063)	101 43 47.4 E (101.7298)	258.7	CHG
LOG	C Logon Cache County, Utah, U.S.A. 19400126-197609.	41 44 30.0 N (41.7417)	111 48 48.0 W (111.8133)	1455.0	SLC
(LOG)	see international code LCA				
LOK	R Lockwood Valley Ventura County, California, U.S.A. opened 198204.	34 43 28.2 N (34.7245)	119 05 28.8 W (119.0913)	1570.0	PAS
LOM	Lome Togo	6 07 18.0 N (6.1217)	1 12 48.0 E (1.2133)	5.0	
LON	D Longmire Washington, U.S.A. opened 19580312. WWSS opened 19620822. DWSS opened 19801001.	46 45 00.0 N (46.7500)	121 48 36.0 W (121.8100)	854.0	SEA DWSS WWSS USTN
LOP	Lookout Peak Nevada, U.S.A. opened 19790123.	36 51 15.0 N (36.8542)	116 10 03.0 W (116.1675)	1695.0	USGS
LOR	Lormes (Sonne) Nivernois, France opened 1963.	47 16 06.0 N (47.2683)	3 51 32.0 E (3.8589)	520.0	LDG WWSS

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
LOSU	Losuia D'Entrecasteaux Islands, Papua New Guinea opened 19831208.	8 30 43.0 S ( 8.5119)	151 04 26.0 E (151.0739)	10.0	PMG
LOT	Lotru Romania	45 26 52.0 N (45.4478)	23 46 10.0 E ( 23.7694)	1240.0	BUC
LOU	Louis Bay Kenai Peninsula, Alaska, U.S.A. opened 19850712.	60 27 55.8 N (60.4655)	147 38 39.6 W (147.6443)	490.0	AGS
LP-	(Alternate Abbreviation for LP-TX)				
LP-TX	C La Pryor Texas, U.S.A. 19611127-19620516.	29 10 47.0 N (29.1797)	99 40 35.0 W ( 99.6764)	274.0	LRSM
LPA	La Plata Buenos Aires, Argentina opened 1907. WWSS opened 19620323.	34 54 32.0 S (34.9089)	57 55 55.0 W ( 57.9319)	14.0	WWSS
LPAZ	R La Paz Bolivia proposed GTSN station.	...	...	...	
LPB	La Paz Bolivia opened 19620407.	16 31 57.6 S (16.5327)	68 05 54.1 W ( 68.0984)	3292.0	LPZ WWSS
LPC	D La Cumbre Peak Santa Barbara County, California, U.S.A. opened 196911. PAS code SBLC.	34 29 47.4 N (34.4965)	119 42 48.6 W (119.7135)	1190.0	PAS
(LPD)	see international code LPDM				
LPDM	Pondosa Siskiyou County, California, U.S.A. MNLO code LPD.	41 11 43.2 N (41.1953)	121 41 45.6 W (121.6960)	1231.0	MNLO
LPE	F (keyword for telegraphic format)				
LPF	D Le Pertre Orleans, France	48 01 54.0 N (48.0317)	1 02 27.0 W ( 1.0408)	156.0	LDG
LPG	La Plagne Savoie, France opened 19850605.	45 29 51.7 N (45.4977)	6 45 05.2 E ( 6.7514)	2570.0	LDG
LPM	Los Pinos Mountain New Mexico, U.S.A. opened 197601.	34 18 27.3 N (34.3076)	106 38 00.9 W (106.6336)	1737.0	NEIS
LPN	F (keyword for telegraphic format)				
LPO	D Le Pouchou Guyenne, France	44 40 59.0 N (44.6831)	1 11 13.0 E ( 1.1869)	330.0	LDG
LPQ	D La Pocatiere Quebec, Canada opened 19800606.	47 20 27.0 N (47.3408)	70 00 34.0 W ( 70.0094)	126.0	ECTN
LPR	La Peregrina Puerto Rico opened 19760810.	18 18 31.0 N (18.3086)	65 52 11.0 W ( 65.8697)	580.0	USGS
LPS	La Palma El Salvador WWSS opened 19620702.	14 17 32.0 N (14.2922)	89 09 43.0 W ( 89.1619)	1000.0	SSS WWSS
LPT	C Lampang Thailand	18 13 .. N (18.2167)	99 33 .. E ( 99.5500)	...	CHG
LPW	Lampeter Wales, United Kingdom	52 06 50.0 N (52.1139)	4 04 05.0 W ( 4.0681)	152.0	BKN
LPZ	La Paz (San Calixto) Bolivia opened 1912.	16 29 43.0 S (16.4953)	68 07 57.7 W ( 68.1327)	3658.0	LPZ
LOA	C La Quiaca Jujuy, Argentina	22 06 12.0 S (22.1033)	65 36 12.0 W ( 65.6033)	3464.0	
LOQ	R La Grande-4 Quebec, Canada opened 19830223.	53 50 45.0 N (53.8458)	73 29 18.0 W ( 73.4883)	311.0	OTTR
LOT	Los Queltehues Santiago, Chile opened 19760626.	33 48 53.0 S (33.8147)	70 12 43.0 W ( 70.2119)	1400.0	SAN
LRA	C Little Rock Arkansas, U.S.A. 19310202-19670727.	34 46 42.0 N (34.7783)	92 21 06.0 W ( 92.3517)	150.0	SLM
LRC	Lone Oak Road Monterey County, California, U.S.A. opened 19700814. MNLO code PLO.	36 14 47.4 N (36.2465)	121 02 33.0 W (121.0425)	308.0	MNLO
(LRD)	see international code LRDM				
LRDM	Redding Peak Shasta County, California, U.S.A. opened 19761112. MNLO code LRD.	40 27 51.1 N (40.4642)	121 27 40.3 W (121.4612)	859.0	MNLO
LRG	D Lorgues Provence, France	43 27 17.0 N (43.4547)	6 21 37.0 E ( 6.3603)	110.0	LDG
LRI	C Big Lost River Idaho, U.S.A. opened 197112.	43 31 42.0 N (43.5283)	112 56 54.0 W (112.9483)	1509.0	USGS
LRM	Limekiln Ridge Montana, U.S.A. opened 19811010.	45 49 19.8 N (45.8222)	112 27 03.6 W (112.4510)	2326.0	BUT
(LRM)	see international code LRMC				
LRMC	R Laurel Mountain Kern County, California, U.S.A. opened 198204. PAS code LRM.	35 28 38.4 N (35.4773)	117 41 21.0 W (117.6892)	1256.0	PAS
LRO	R La Grande 3 Quebec, Canada opened 19840402.	53 42 05.0 N (53.7014)	76 03 32.0 W ( 76.0589)	284.0	OTTR

Code	Station-Name, Region and Comments	Latitude	Longitude	Elev.	Networks
LRR	Leresti ..... Romania opened 1983?	45 26 25.0 N (45.4403)	25 04 30.0 E ( 25.0750)	700.0	BUC
(LRR)	see international code LRRC				
LRRC	Little Rock Reservoir ..... Los Angeles County, California, U.S.A. opened 197605. PAS code LRR.	34 31 33.6 N (34.5260)	118 01 39.7 W (118.0277)	908.0	PAS
LRS	Lares ..... Puerto Rico opened 19770215.	18 17 36.1 N (18.2934)	66 50 41.9 W ( 66.8450)	440.0	USGS
LRV	Little Rabbit Valley ..... San Benito County, California, U.S.A. opened 19691126. MNLO code BRV.	36 25 27.6 N (36.4243)	121 01 04.8 W (121.0180)	555.0	MNLO
LRW	Lerwick ..... Shetland Islands, United Kingdom (Alternate Abbreviation for LS-NH)	60 08 09.4 N (60.1359)	1 10 40.5 W ( 1.1779)	...	BGS
LS- LS-NH	C Lisbon ..... New Hampshire, U.S.A. 19630927-19650322; 19661217-19661220; 19680119-19680119.	44 14 18.0 N (44.2383)	71 55 21.0 W ( 71.9225)	287.0	LRSM
LSA	Lhasa ..... Tibet, China (Mainland)	29 42 .. N (29.7000)	91 09 .. E ( 91.1500)	3658.0	BJI
LSB	R ..... Alaska, U.S.A.	...	...	...	
LSC	R ..... South Carolina, U.S.A.	...	...	...	
LSF	D Lo Sauterraine ..... Marche, France	46 15 00.0 N (46.2500)	1 31 46.0 E ( 1.5294)	430.0	LDG
LSI	C Little Sitkin Island ..... Aleutian Islands, Alaska, U.S.A. 19701020-19720630.	51 55 10.8 N (51.9197)	178 32 01.8 E (178.5338)	...	USGS
(LSL)	see international code LSLM				
LSLM	South Lassen ..... Tehama County, California, U.S.A. opened 19761112. MNLO code LSL.	40 26 01.3 N (40.4337)	121 32 10.3 W (121.5362)	1060.0	MNLO
LSM	Little Skull Mountain ..... Nevada, U.S.A. 1971-19790219; reopened 19791213.	36 44 24.0 N (36.7400)	116 16 22.0 W (116.2728)	1140.0	USGS
LSN	U Little Skull Mountain ..... Nevada, U.S.A. 19790219-19791213.	36 45 13.0 N (36.7536)	116 15 34.0 W (116.2594)	1070.0	USGS
LSP	Las Mesas ..... Puerto Rico opened 19751114.	18 10 39.8 N (18.1777)	67 05 10.3 W ( 67.0862)	...	USGS
LST	Lone Star ..... Missouri, U.S.A. opened 19740718. USTN closed.	36 31 22.8 N (36.5230)	89 43 51.6 W ( 89.7310)	83.0	SLM USTN
LSTOP	F (keyword for telegraphic format)				
LSU1	Parcperdue Array ..... Louisiana, U.S.A.	30 04 23.7 N (30.0732)	91 58 55.5 W ( 91.9821)	-23.0	GEOT
LSU2	Parcperdue Array ..... Louisiana, U.S.A.	30 04 42.6 N (30.0785)	92 01 53.4 W ( 92.0315)	-24.0	GEOT
LSU3	Parcperdue Array ..... Louisiana, U.S.A.	30 02 57.0 N (30.0492)	92 00 25.5 W ( 92.0071)	-24.0	GEOT
LSU4	Parcperdue Array ..... Louisiana, U.S.A.	30 02 06.0 N (30.0350)	92 02 46.5 W ( 92.0463)	-22.0	GEOT
LSU5	Parcperdue Array ..... Louisiana, U.S.A.	30 04 02.4 N (30.0673)	92 03 15.3 W ( 92.0543)	-24.0	GEOT
LSUT	Lucky Star ..... Cache County, Utah, U.S.A. opened 197911.	41 41 05.4 N (41.6848)	111 33 27.0 W (111.5575)	2225.0	SLC
LSW	C Landslide ..... Washington, U.S.A. 197006-197110.	46 28 52.8 N (46.4813)	119 14 43.2 W (119.2453)	262.0	MNLO
LSZ	Lusaka ..... Zambia opened 1984.	15 16 35.9 S (15.2766)	28 11 17.6 E ( 28.1882)	1185.0	LSZ
LT-	(Alternate Abbreviation for LT-PA)				
LT-PA	C Lewistown ..... Pennsylvania, U.S.A. 19621108-19621212.	40 20 21.0 N (40.3392)	78 04 00.0 W ( 78.0667)	396.0	LRSM
LT1	(Alternate Abbreviation for SEC)				
LT11	(Alternate Abbreviation for EGR)				
LT12	(Alternate Abbreviation for EUC)				
LT13	(Alternate Abbreviation for AGC)				
LT15	Bear Creek Road ..... Santa Cruz County, California, U.S.A. opened 19690521. MNLO code JBC.	37 09 37.1 N (37.1603)	122 01 34.3 W (122.0262)	660.0	MNLO
LT16	(Alternate Abbreviation for BGC)				
LT17	(Alternate Abbreviation for MTC)				
LT18	(Alternate Abbreviation for PLC)				
LT2	(Alternate Abbreviation for SJH)				
LT3	Portola State Park ..... San Mateo County, California, U.S.A. opened 19661222. MNLO code JPP.	37 15 52.2 N (37.2645)	122 12 46.8 W (122.2130)	186.0	MNLO
LT4	(Alternate Abbreviation for SFT)				
LT5	C La Honda ..... San Mateo County, California, U.S.A. 19661218-19700501.	37 19 52.7 N (37.3313)	122 16 49.1 W (122.2803)	226.0	MNLO
LT6	(Alternate Abbreviation for WDS)				

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
LT7	(Alternate Abbreviation for MDB)				
LT8	(Alternate Abbreviation for CYH)				
LT9	C San Andreas Lake ..... San Mateo County, California, U.S.A. 19670713-19720927.	37 34 33.6 N (37.5760)	122 25 23.9 W (122.4233)	335.0	MNLO
LTA	R Leoben ..... Austria (47.4033)	47 24 12.0 N (47.4033)	15 04 34.0 E ( 15.0761)	840.0	VIE
LTC	RD Little Chuckwalla Mountains ..... Riverside County, California, U.S.A. opened 197404.	33 29 20.4 N (33.4890)	115 04 12.0 W (115.0700)	458.0	PAS
(LTC)	see international code LTCM				
LTCM	Tuscan Springs ..... Tehama County, California, U.S.A. MNLO code LTC.	40 12 30.0 N (40.2083)	122 07 27.0 W (122.1242)	257.0	MNLO
LTG	R Las Tablanes ..... Guatemala opened 1978.	14 57 45.0 N (14.9625)	90 09 31.8 W ( 90.1588)	928.0	GCG
LTM	D Little Maria Mountains ..... Riverside County, California, U.S.A. opened 197404.	33 54 54.0 N (33.9150)	114 55 06.0 W (114.9183)	744.0	PAS
LTN	Lennox ..... Tennessee, U.S.A. opened 197708.	36 03 46.8 N (36.0630)	89 29 42.0 W ( 89.4950)	...	SLM
LTO	C La Grande-3 ..... Quebec, Canada 19800517-19821117.	53 42 06.0 N (53.7017)	76 05 06.0 W ( 76.0850)	313.0	OTTR
LTR	Lone Tree Road ..... San Benito County, California, U.S.A. opened 19700817. MNLO code HLT.	36 53 04.2 N (36.8845)	121 18 29.4 W (121.3082)	183.0	MNLO
LTT	Louis Trichardt ..... Cape Province, South Africa (29.7233)	29 43 24.0 S (29.7233)	23 00 54.0 E ( 23.0150)	1006.0	PRE
LTU	Little Mountain ..... Box Elder County, Utah, U.S.A. opened 197409.	41 35 30.0 N (41.5917)	112 14 50.0 W (112.2472)	1585.0	SLC
LTW	Los Trancos Woods ..... San Mateo County, California, U.S.A. opened 19661215. MNLO code JLT.	37 21 13.2 N (37.3537)	122 12 15.0 W (122.2042)	270.0	MNLO
LTX	Lajitas ..... Texas, U.S.A. USTN opened 19840912.	29 20 02.0 N (29.3339)	103 40 01.0 W (103.6669)	1013.0	DAL USTN
LU-MS	C Lumberton ..... Mississippi, U.S.A. 19690117-19690202; 19700407-19700422	31 02 20.0 N (31.0389)	89 14 20.0 W ( 89.2389)	91.0	LRSB
LUA	C Luanda ..... Angola ( 8.5000)	8 30 .. S ( 8.5000)	13 14 .. E ( 13.2333)	69.0	
LUB	Lubbock ..... Texas, U.S.A. opened 194806. WWSS opened 19611212.	33 35 .. N (33.5833)	101 52 .. W (101.8667)	979.0	WWSS
LUG	Luganville ..... Vanuatu Islands (15.5178)	15 31 04.0 S (15.5178)	167 07 48.0 E (167.1300)	150.0	NOU
LUN	C Lund ..... Sweden (55.6983)	55 41 54.0 N (55.6983)	13 11 12.0 E ( 13.1867)	32.0	
LUS	C Lusaka ..... Zambia 1971-before 1977.	15 23 01.2 S (15.3837)	28 19 52.2 E ( 28.3312)	1259.0	
LUX	Luxembourg ..... Luxembourg (49.6000)	49 36 .. N (49.6000)	6 08 .. E ( 6.1333)	...	
LV-	(Alternate Abbreviation for LV-LA)				
LV-LA	C Liddleville ..... Louisiana, U.S.A. 19630628-19640130.	32 08 10.0 N (32.1361)	91 52 30.0 W ( 91.8750)	15.0	LRSB
LVG	La Victoria ..... Guatemala opened 1978.	14 57 58.2 N (14.9662)	91 05 42.0 W ( 91.0950)	2020.0	GCG
LVK	C Lavelock ..... Nevada, U.S.A. 19691105-197511.	40 11 13.2 N (40.1870)	118 31 28.2 W (118.5245)	1225.0	REN
LVN	C Las Vegas ..... Nevada, U.S.A. 1960-1970.	36 06 33.0 N (36.1092)	115 08 24.0 W (115.1400)	610.0	USGS
LVNJ	Long Valley ..... New Jersey, U.S.A. opened 19770608.	40 48 34.2 N (40.8095)	74 45 54.0 W ( 74.7650)	201.0	PAL
LVR	C Liverpool ..... England, United Kingdom (53.4167)	53 25 .. N (53.4167)	2 56 .. W ( 2.9333)	60.0	
LVU	Levan Peak ..... Juab County, Utah, U.S.A. opened 197801.	39 29 30.0 N (39.4917)	111 49 36.0 W (111.8267)	2530.0	SLC
LVV	Lvov (Lemberg) ..... Ukrainian S.S.R., U.S.S.R. (49.8167)	49 49 .. N (49.8167)	24 02 .. E ( 24.0333)	308.0	MOS
LVW	C Las Vegas ..... Nevada, U.S.A. 1970-1981?	36 10 12.0 N (36.1700)	115 11 15.0 W (115.1875)	654.0	USGS
LVY	Levy ..... Central Alaska, Alaska, U.S.A. opened 197207.	64 13 00.0 N (64.2167)	149 15 12.0 W (149.2533)	230.0	GIA
LW-	(Alternate Abbreviation for LW-WA)				
LW-WA	C Lake Wenatchee ..... Washington, U.S.A. (47.8456)	47 50 44.0 N (47.8456)	120 54 06.0 W (120.9017)	762.0	LRSB

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
LWA	Lower Mag Wash Beaver County, Utah, U.S.A.	38 29 25.2 N (38.4903)	112 51 38.4 W (112.8607)	1817.0	SLCI
LWI	Lwiro Zaire 1953-19670926; reopened 19680419.	2 14 18.0 S ( 2.2383)	28 48 00.0 E ( 28.8000)	1748.0	
LWN	C 416 Nevada, U.S.A. opened 1970.	36 37 06.0 N (36.6183)	116 23 36.0 W (116.3933)	808.0	USGS
LXR	Lexington Reservoir Santa Clara County, California, U.S.A. opened 19750204. MNLO code JLX.	37 12 06.5 N (37.2018)	121 59 10.3 W (121.9862)	244.0	MNLO
LY-WA	C Lynden Washington, U.S.A. 19671108-19671210	48 38 51.0 N (48.6475)	122 12 10.0 W (122.2028)	122.0	LRSM
LYP	R Liyang Luzon, Philippines	14 38 00.2 N (14.6334)	120 29 06.4 E (120.4851)	100.5	
LYW	Lyman Washington, U.S.A. opened 19750416.	48 32 07.2 N (48.5353)	122 06 06.0 W (122.1017)	107.0	SEA
LZ-	(Alternate Abbreviation for LZ-BV)				
LZ-BV	C La Paz Bolivia 19630912-19650215.	16 15 31.0 S (16.2586)	68 28 47.0 W ( 68.4797)	3993.0	LRSM
LZH	Lanzhou (Lanchou) Gansu, China (Mainland)	36 05 12.0 N (36.0867)	103 50 40.0 E (103.8444)	1560.0	BJI
LZI	F (keyword for telegraphic format)				
M12	C M12 Hawaii, Hawaii, U.S.A. 197212-197306.	19 23 41.4 N (19.3948)	155 18 27.0 W (155.3075)	1116.0	HVO
(MA1)	see international code MGD				
MAA	Manantiales Mendoza, Argentina	32 05 02.0 S (32.0839)	69 51 00.0 W ( 69.8500)	...	ZON
MAB	R Maun Botswana	...	...	...	
MAC	Mark West Springs Sonoma County, California, U.S.A. opened 19700814. MNLO code NMW.	38 33 01.8 N (38.5505)	122 43 22.2 W (122.7228)	134.0	MNLO
MAD	C Madang New Guinea, Papua New Guinea closed before 1969.	5 14 .. S ( 5.2333)	145 48 .. E (145.8000)	...	
MADF	Madeleine Bearn, France	43 08 15.7 N (43.1377)	0 49 10.2 W ( 0.8195)	535.0	PAR
MAE	Maebashi Gumma, Honshu, Japan	36 24 06.0 N (36.4017)	139 03 54.0 E (139.0650)	113.0	JMA
MAG	Magadan Magadanskaya Oblast, R.S.F.S.R., U.S.S.R.	59 33 .. N (59.5500)	150 48 .. E (150.8000)	120.0	MOS
MAH	C Mahabeshwar Maharashtra, India 19640804-?	17 53 24.0 N (17.8900)	73 39 00.0 E ( 73.6500)	1382.0	NDI
MAI	C Maizuru Kyoto, Honshu, Japan	35 28 18.0 N (35.4717)	135 23 12.0 E (135.3867)	31.0	JMA
MAIO	D Mashhad Iran opened 197510. no data since 19781011.	36 18 00.0 N (36.3000)	59 29 40.2 E ( 59.4945)	1000.0	TEH SRO
MAJ	C Maron Jawa, Indonesia	7 34 .. S ( 7.5667)	110 25 .. E (110.4167)	...	
MAJO	D Matsushiro Nagano, Honshu, Japan opened 19770630.	36 32 30.0 N (36.5417)	138 12 32.0 E (138.2089)	422.0	JMA ASRO
MAK	Makhachkala Dagestanskaya ASSR, R.S.F.S.R., U.S.S.R.	43 01 .. N (43.0167)	47 26 .. E ( 47.4333)	10.0	MOS
(MAK)	see international code MAKK				
(MAK)	see international code MAKI				
MAKK	R Maki Kumamoto, Kyushu, Japan opened 1964. KYT code MAK.	32 55 02.4 N (32.9173)	130 55 40.3 E (130.9279)	440.0	KYT
MAKT	R Makukawa Fukushima, Honshu, Japan opened 19771027. TOH code MAK.	37 40 45.0 N (37.6792)	140 14 58.0 E (140.2494)	1240.0	TOH
MAL	Malaga Spain opened 1915. WWSS opened 19620426.	36 43 39.0 N (36.7275)	4 24 40.0 W ( 4.4111)	60.0	MDD WWSS
MAM	C Mambajao Camiguin, Philippines 1917-about 1935.	9 15 .. N ( 9.2500)	125 36 .. E (125.6000)	...	MAN
MAN	Manila (Diliman) Luzon, Philippines opened 1949; WWSS opened 19620714; WWSS currently inoperative.	14 39 36.0 N (14.6600)	121 04 40.8 E (121.0780)	70.0	MAN WWSS
MAO	Monte Argentario Toscana, Italy opened 198308.	42 25 00.1 N (42.4167)	11 09 07.9 E ( 11.1522)	20.0	ROM
MAP	Mactan Cebu, Philippines opened 19800122.	10 19 22.2 N (10.3228)	123 58 50.4 E (123.9807)	...	MAN
MAR	C Marseilles Provence, France	43 18 19.0 N (43.3053)	5 23 38.0 E ( 5.3939)	75.0	
(MAR)	see international code MARC				

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
MARC	R	Moricopa Kern County, California, U.S.A. opened 198002. PAS code MAR.	35 00 09.0 N (35.0025)	119 20 21.6 W (119.3393)	436.0	PAS
MARL	C	Morlboro Vermont, U.S.A. 19770808-19830225.	42 47 56.4 N (42.7990)	72 50 16.2 W ( 72.8378)	580.0	PAL
MAS	C	Mason Butte Idaho, U.S.A. 197110-19760114.	46 37 57.6 N (46.6327)	116 21 28.2 W (116.3578)	1141.0	MSD
MASJ	R	El Maslubiya Jordan opened 198309.	31 43 44.0 N (31.7289)	35 43 06.0 E ( 35.7183)	822.0	JSD
MAT	D	Matsushiro Nagano, Honshu, Japan opened 19470501. WWSS opened 19650801. HGLP 19730101-1977.	36 32 30.0 N (36.5417)	138 12 32.0 E (138.2089)	422.0	JMA WWSS HGLP
(MAT)		see international code MATH				
MATH	R	Matsumotoyama Iburi, Hokkaido, Japan opened 19771020. HSS code MAT.	42 32 56.1 N (42.5489)	140 52 05.8 E (140.8683)	120.0	HSS
MAU		Matua Sakholinskaya Oblast, R.S.F.S.R., U.S.S.R.	48 03 .. N (48.0500)	153 15 .. E (153.2500)	...	SAKL
MAW		Mawson Greater Antarctica, Antarctica opened 1956.	67 36 14.0 S (67.6039)	62 52 14.0 E ( 62.8706)	12.0	AUST
MAY	C	Mayfield Washington, U.S.A.	46 05 .. N (46.0833)	122 05 .. W (122.0833)	...	
MAZ		Mazatlan Sinaloa, Mexico (Alternate Abbreviation for MB-MS)	23 11 17.0 N (23.1881)	106 24 22.0 W (106.4061)	65.0	UNM
MB- MB-MS	C	McComb Mississippi, U.S.A. 19661115-19661206; 19690117-19690202; 19700410-19700422.	31 20 34.0 N (31.3428)	90 17 11.0 W ( 90.2864)	122.0	LRSM
MBA	C	Mount Bingar New South Wales, Australia 1961-1962.	34 07 30.0 S (34.1250)	146 14 14.0 E (146.2372)	...	CAN
MBC		Mould Bay Northwest Territories, Canada opened 19611018.	76 14 30.0 N (76.2417)	119 21 36.0 W (119.3600)	15.0	OTT
(MBF)		see international code MBFM				
MBFM		Blanchard Fire Station Mariposa County, California, U.S.A. opened 19761103. MNLD code MBF.	37 40 42.6 N (37.6785)	120 21 47.9 W (120.3633)	309.0	MNLD
MBG	R	Matouba Guadeloupe	16 02 52.8 N (16.0480)	61 41 02.4 W ( 61.6840)	830.0	FDF
MBI	C	Menon Buttes Idaho, U.S.A. 197309-197407.	43 47 11.0 N (43.7864)	111 58 14.0 W (111.9706)	1707.0	USGS
MBJ	R	Montego Bay (Kempshat) Jamaica	18 24 09.5 N (18.4026)	77 30 31.8 W ( 77.5088)	564.0	TRN
MBL		Marble Bar Western Australia, Australia opened 19760623.	21 09 36.0 S (21.1600)	119 50 00.0 E (119.8333)	200.0	AUST
MBO		Mbour Senegal	14 23 27.0 N (14.3908)	16 57 17.0 W ( 16.9547)	3.0	MBO
MBT	C	Marble Bar--Tawn Western Australia, Australia 197210-19760622.	21 10 12.0 S (21.1700)	119 44 30.0 E (119.7417)	200.0	AUST
MBU		Mbua Fiji opened 198112.	16 58 22.0 S (16.9728)	178 43 18.1 E (178.7217)	549.0	SVA
MBV		Mont Bernier Vanuatu Islands	17 39 31.2 S (17.6587)	168 18 37.8 E (168.3105)	...	INY
MBW		Mount Baker Washington, U.S.A. opened 19721108.	48 47 02.4 N (48.7840)	121 53 58.8 W (121.8997)	1676.0	SEA
MBZ		Menzel Bauzella Tunisia (Alternate Abbreviation for MC-SD)	36 40 26.0 N (36.6739)	10 40 20.0 E ( 10.6722)	240.0	SBS
MC- MC-SD	C	Mitchell South Dakota, U.S.A. 19620509-19620622	43 39 16.0 N (43.6544)	97 55 10.0 W ( 97.9194)	366.0	LRSM
MCA		Marble Canyon Inyo County, California, U.S.A. opened 19790123.	36 38 53.0 N (36.6481)	117 16 51.0 W (117.2808)	300.0	USGS
MCB	C	Moose Creek Bluff Central Alaska, Alaska, U.S.A. 196809-197109.	64 43 21.0 N (64.7225)	147 13 31.0 W (147.2253)	200.0	GIA
MCC	C	Mica Creek British Columbia, Canada 19660705-19770603.	52 03 06.0 N (52.0517)	118 35 07.0 W (118.5853)	578.0	OTTR
MCD		Coleburn Distillery Scotland, United Kingdom opened 198106.	57 34 58.0 N (57.5828)	3 14 42.0 W ( 3.2450)	280.0	BGS
MCE	C	Mica Creek British Columbia, Canada 19770604-19810812.	52 00 12.0 N (52.0033)	118 33 42.0 W (118.5617)	625.0	OTTR

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MCH	Masachopa ..... Nicaragua opened 1975.	11 52 28.8 N (11.8747)	86 31 43.2 W ( 86.5287)	147.0	APY
(MCH)	see international code CRH				
MCHM	(Alternate Abbreviation for CRH)				
MCI	C Monte Cassino ..... Lazio, Italy (41.4833)	41 29 .. N (41.4833)	13 49 .. E ( 13.8167)	527.0	
MCJ	Munro College (Malvern St. Elizabeth) ..... Jamaica opened 19770220.	17 55 22.8 N (17.9230)	77 41 13.2 W ( 77.6870)	808.0	TRN
MCK	McKinley ..... Central Alaska, Alaska, U.S.A. opened 196412.	63 43 56.4 N (63.7323)	148 56 06.0 W (148.9350)	610.0	GIA
MCL	C McNeil River ..... Western Alaska, Alaska, U.S.A. 1975-19810816.	59 06 09.6 N (59.1027)	154 11 58.4 W (154.1996)	273.0	GIA
MCM	C McMurdo Sound ..... Greater Antarctica, Antarctica (77.8333)	77 50 .. S (77.8333)	166 36 .. E (166.6000)	25.0	
MCN	C Mercury ..... Nevada, U.S.A. opened 1971.	36 55 53.5 N (36.9315)	116 03 22.0 W (116.0561)	...	USGS
MCNL	McNeil River ..... Western Alaska, Alaska, U.S.A. opened 19810822.	59 11 06.6 N (59.1852)	154 20 12.0 W (154.3367)	442.0	GIA
MCO	Caloane ..... Macau opened 1982.	22 07 19.0 N (22.1219)	113 33 30.0 E (113.5583)	174.0	
MCP	Moca ..... Puerto Rico opened 19751114.	18 25 08.3 N (18.4190)	67 06 38.7 W ( 67.1107)	250.0	USGS
MCPI	Mackay Peak ..... Idaho, U.S.A. opened 198311.	43 54 01.2 N (43.9003)	113 42 16.2 W (113.7045)	2902.0	SLC
MCQ	Macquarie Island ..... Macquarie Island, Australia opened 195006.	54 29 55.0 S (54.4986)	158 57 22.0 E (158.9561)	14.0	AUST
MCR	C Mercer ..... Central Alaska, Alaska, U.S.A. 197109-197507.	63 53 42.6 N (63.8952)	149 03 33.6 W (149.0593)	456.0	GIA
(MCR)	see international code MCRR				
MCRR	U Mono Craters ..... Mono County, California, U.S.A. 197605-197707. REN code MCR.	37 53 13.9 N (37.8872)	118 59 37.3 W (118.9937)	2268.0	REN
MCS	C Marcus Island ..... Marcus Island, Japan 1966-1970.	24 17 24.0 N (24.2900)	153 59 18.0 E (153.9883)	...	HIG
MCSM	R Central Site ..... Tuolumne County, California, U.S.A. opened 19720419.	37 56 19.7 N (37.9388)	120 31 45.5 W (120.5293)	373.0	MNLO
MCU	Monte Cristo Peak ..... Rich County, Utah, U.S.A. opened 197412.	41 27 42.0 N (41.4617)	111 30 27.0 W (111.5075)	2664.0	SLC
(MCU)	see international code MCUM				
MCUM	Copperopolis ..... Calaveras County, California, U.S.A. opened 19720419. MNLO code MCU.	37 58 21.7 N (37.9727)	120 37 01.2 W (120.6170)	336.0	MNLO
MCV	C Mercury ..... Nevada, U.S.A. 1971-197908.	36 38 00.7 N (36.6335)	115 59 59.3 W (115.9998)	1158.0	USGS
MCW	Mount Constitution ..... Washington, U.S.A. opened 19721108.	48 40 46.8 N (48.6797)	122 49 56.4 W (122.8323)	693.0	SEA USTN
MCY	Mercury ..... Nevada, U.S.A. opened 19800307.	36 39 42.0 N (36.6617)	115 57 44.0 W (115.9622)	1285.0	USGS
MD1	Moodus (Comstock Bridge) ..... Connecticut, U.S.A. (41.5529)	41 33 10.4 N (41.5529)	72 28 00.1 W ( 72.4667)	113.0	WES
MD2	Moodus (Pickers Lake) ..... Connecticut, U.S.A. (41.5314)	41 31 53.0 N (41.5314)	72 26 01.3 W ( 72.4337)	61.0	WES
MD3	Moodus (Cave Hill) ..... Connecticut, U.S.A. (41.5066)	41 30 23.8 N (41.5066)	72 28 17.4 W ( 72.4715)	152.0	WES
MD4	Moodus (Haddam Neck) ..... Connecticut, U.S.A. (41.5023)	41 30 08.3 N (41.5023)	72 30 43.6 W ( 72.5121)	106.0	WES
MD5	Moodus (Shailerville) ..... Connecticut, U.S.A. (41.4551)	41 27 18.4 N (41.4551)	72 29 42.0 W ( 72.4950)	101.0	WES
MDA	RD Mount Davis ..... Riverside County, California, U.S.A. opened 197501.	33 54 46.8 N (33.9130)	116 59 58.2 W (116.9995)	845.0	PAS
MDB	Medias ..... Romania opened 1979.	46 08 30.0 N (46.1417)	24 22 50.0 E ( 24.3806)	375.0	BUC
MDC	C Mount Diablo ..... Contra Costa County, California, U.S.A. 19670527-19740601.	37 52 54.0 N (37.8817)	121 54 51.0 W (121.9142)	1173.0	MNLO
MDD	C Madrid ..... Spain (40.4000)	40 24 .. N (40.4000)	3 41 .. W ( 3.6833)	...	MDD
MDG	Madang ..... New Guinea, Papua New Guinea opened 197412.	5 14 59.0 S ( 5.2497)	145 46 47.0 E (145.7797)	3.0	PMG

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MDJ	Mudanjiang ..... Heilongjiang, China (Mainland)	44 36 59.0 N (44.6164)	129 35 31.0 E (129.5919)	250.0	BJI
MDN	Morne Daniel ..... Dominico Also sent to NEIS by FDF.	15 18 57.6 N (15.3160)	61 24 00.0 W ( 61.4000)	99.0	TRN
MDR	Madras ..... Tamil Nadu, India	13 00 .. N (13.0000)	80 11 .. E ( 80.1833)	15.0	NDI
MDS	C Madison ..... Wisconsin, U.S.A. 19620116-19680610.	43 22 20.0 N (43.3722)	89 45 36.0 W ( 89.7600)	278.0	WWSS
MDV	Middlebury ..... Vermont, U.S.A. opened 197003.	43 59 57.0 N (43.9992)	73 10 52.2 W ( 73.1812)	134.0	PAL
MDW	Midway ..... Washington, U.S.A. opened 196903.	46 36 48.0 N (46.6133)	119 45 39.0 W (119.7600)	372.0	SEA
MDY	C Midway ..... Midway Islands, Hawaiian Islands 1966-1970.	28 12 24.0 N (28.2067)	177 20 00.0 W (177.3333)	...	HIG
MDZ	Mendoza ..... Mendoza, Argentina opened 19680307.	32 53 .. S (32.8833)	68 51 .. W ( 68.8500)	826.0	
ME- ME-BC	(Alternate Abbreviation for ME-BC) C Merritt ..... British Columbia, Canada 19620707-19620717.	50 06 21.0 N (50.1058)	120 39 56.0 W (120.6656)	1067.0	LRSM
MEA	C Monteagle ..... New South Wales, Australia 19660814-1971.	34 12 30.0 S (34.2083)	148 23 35.0 E (148.3931)	...	CAN
MEC	C Mechernich ..... Nordrhein-Westfalen, Fed. Rep. of Germany see international code MECC	50 36 .. N (50.6000)	6 40 .. E ( 6.6667)	...	
(MEC) MECC	R Mecca Hills ..... Riverside County, California, U.S.A. opened 198105. PAS code MEC.	33 38 07.2 N (33.6353)	116 01 42.6 W (116.0285)	495.0	PAS
MED	C Medan ..... Sumatera, Indonesia closed 197410.	3 33 .. N ( 3.5500)	98 41 .. E ( 98.6833)	32.0	DJA
MEDY	Medina ..... New York, U.S.A. opened 197812.	43 10 54.6 N (43.1818)	78 23 25.2 W ( 78.3903)	186.0	PAL
MEE	C Meerut ..... Uttar Pradesh, India 19671010-?	28 55 .. N (28.9167)	77 40 .. E ( 77.6667)	220.0	NDI
MEG	Meangara ..... New South Wales, Australia opened 19780517.	35 06 02.0 S (35.1006)	150 02 12.0 E (150.0367)	712.0	AUST
MEI	Melilli ..... Basilicata, Italy	37 10 50.0 N (37.1806)	15 07 48.0 E ( 15.1300)	...	ROM
MEK	Meekatharra ..... Western Australia, Australia opened 196710.	26 36 46.0 S (26.6128)	118 32 42.0 E (118.5450)	515.0	AUST
MEL	Melbourne ..... Victoria, Australia opened 1902; intermittent operation 1962-1972.	37 49 53.0 S (37.8314)	144 58 24.0 E (144.9733)	28.0	AUST
MEM	Membach ..... Belgium	50 36 33.0 N (50.6092)	6 00 23.8 E ( 6.0066)	...	UCC
MEN	C Mendoza ..... Mendoza, Argentina	32 54 18.0 S (32.9050)	68 51 51.0 W ( 68.8642)	287.0	
MEO	Meers ..... Oklahoma, U.S.A. opened 198509.	34 46 57.7 N (34.7827)	98 35 06.5 W ( 98.5851)	458.0	TUL
MER	Merida ..... Yucatan, Mexico	20 56 51.0 N (20.9475)	89 36 59.0 W ( 89.6164)	7.0	UNM
MES	Messina ..... Sicily, Italy Sent to NEIS by ROM.	38 11 56.0 N (38.1989)	15 33 18.0 E ( 15.5550)	45.0	MES
MET	Memphis ..... Tennessee, U.S.A. opened 19731116.	35 07 19.2 N (35.1220)	89 56 02.4 W ( 89.9340)	93.0	TEIC
METS	R Metsamor ..... Armenian S.S.R., U.S.S.R. MOS code MEZ.	40 12 .. N (40.2000)	44 06 .. E ( 44.1000)	...	MOSR
MEX	D Mexico City ..... Distrito Federal, Mexico opened 197806.	19 19 44.0 N (19.3289)	99 11 10.0 W ( 99.1861)	2280.0	MEX
MEZ	R Mezghorye ..... Ukrainian S.S.R., U.S.S.R. MOS code MZG.	48 31 .. N (48.5167)	23 31 .. E ( 23.5167)	...	MOSR
(MEZ) MF- MF-WS	see international code METS (Alternate Abbreviation for MF-WS) C Medford ..... Wisconsin, U.S.A. 19621222-19630401.	45 20 51.0 N (45.3475)	90 35 23.0 W ( 90.5897)	412.0	LRSM
MFA	C Mitchell Field ..... Aleutian Islands, Alaska, U.S.A. 194907-after 1952.	51 56 06.0 N (51.9350)	176 35 30.0 W (176.5917)	...	USGS
MFF	D Saint Martin du Fouilloux ..... Paitou, France opened 19710324.	46 36 08.0 N (46.6022)	0 08 45.0 W ( 0.1458)	270.0	LDG



Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MFM	C	Minneapolis--St. Paul Ford Plant Minnesota, U.S.A. 197606-1981?	44 54 50.7 N (44.9141)	93 11 34.9 W ( 93.1930)	...	MNM
MFO	C	Meers Fault Oklahoma, U.S.A. 19840420-19850531.	34 49 16.3 N (34.8212)	98 31 46.6 W ( 98.5296)	451.0	TUL
MFP		Moca (Fernando Poo) Fernando Poo, Equatorial Guinea opened 196310.	3 20 33.8 N ( 3.3427)	8 39 37.4 E ( 8.6604)	1338.0	
MFR		Mefrouche Algeria	...	...	...	ALG
MFS		McCloud Flat South Inyo County, California, U.S.A. opened 19750925.	36 07 01.8 N (36.1172)	117 51 18.0 W (117.8550)	1524.0	MNLO
MFSM		(Alternate Abbreviation for MFS)				
MFT		Murefte Turkey opened 1978.	40 47 12.0 N (40.7867)	27 16 52.5 E ( 27.2813)	924.0	ISK
MFW		Milton-Freewater Oregon, U.S.A. opened 197110.	45 54 10.8 N (45.9030)	118 24 21.0 W (118.4058)	384.0	SEA USTN
MGA		Milagra Ridge San Mateo County, California, U.S.A. opened 19710831. MNLO code JMG.	37 38 13.2 N (37.6370)	122 28 25.8 W (122.4738)	201.0	MNLO
MGB	D	Mount Grey British Columbia, Canada opened 198312.	49 00 00.0 N (49.0000)	124 41 31.2 W (124.6920)	1300.0	WCTN
MGC	R	Mingechaur Azerbaijan S.S.R., U.S.S.R. MOS code MNR.	40 42 .. N (40.7000)	47 06 .. E ( 47.1000)	...	MOSR
MGD		Magadon 1 Magadanskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code MA1.	60 06 .. N (60.1000)	150 48 .. E (150.8000)	220.0	MOS
MGG		Marie Galante Guadeloupe opened 1975.	15 55 04.8 N (15.9180)	61 19 01.2 W ( 61.3170)	51.0	FDF
MGH		Saint George's Hill Montserrat opened 19800709.	16 43 12.0 N (16.7200)	62 12 57.6 W ( 62.2160)	351.0	TRN
MGJ		Mount Gilboa Israel (32.4470) ( 35.4380)	32 26 49.2 N (32.4470)	35 26 16.8 E ( 35.4380)	300.0	JER
MGJ	R	Motegi Tochigi, Honshu, Japan CDPJ code MOT.	36 33 12.6 N (36.5535)	140 13 00.1 E (140.2167)	140.0	CDPJ
MGL		Magalia Butte County, California, U.S.A. opened 196606.	39 48 42.0 N (39.8117)	121 33 27.0 W (121.5575)	1010.0	CDWR
MGM		Mogrunder Mountain Nevada, U.S.A. opened 19790713.	37 26 28.0 N (37.4411)	117 29 47.0 W (117.4964)	2100.0	USGS
MGN	C	Mengen Turkey 19700801-19820710.	40 55 29.1 N (40.9247)	32 10 52.5 E ( 32.1813)	720.0	ISK
MGO		Magadro Fiji opened 198309.	17 47 21.0 S (17.7892)	177 44 24.0 E (177.7400)	726.0	SVJ
MGP		Moquayo Puerto Rico opened 19751114.	18 00 27.3 N (18.0076)	67 05 20.9 W ( 67.0891)	...	USGS
MGS		Middleton Gardens South Carolina, U.S.A. opened 19760331.	32 53 49.2 N (32.8970)	80 08 26.9 W ( 80.1408)	9.0	USGS
MGV	R	Margarita Venezuela	...	...	...	CAR
MGVT	C	Montgomery Vermont, U.S.A. 19770801-19810825.	44 54 48.6 N (44.9135)	72 37 39.6 W ( 72.6277)	262.0	PAL
MGZ	R	Moungaku North Island, New Zealand opened 19840411. (Alternate Abbreviation for MH-NB)	39 00 07.0 S (39.0019)	175 32 20.0 E (175.5389)	806.0	WEL
MH-						
MH-NB	C	Mitchell Nebraska, U.S.A. 19621015-19621027.	41 53 20.0 N (41.8889)	103 53 30.0 W (103.8917)	1311.0	LRSN
MHA		Mahukana Hawaii, Hawaii, U.S.A. opened 1983.	20 11 10.7 N (20.1863)	155 54 02.9 W (155.9008)	3.0	HON USTN
MHC		Mount Hamilton (Lick Observatory) Santa Clara County, California, U.S.A. opened 18870424.	37 20 30.0 N (37.3417)	121 38 30.0 W (121.6417)	1282.0	BRK
MHI		Mashhad Iran opened 19751014.	36 18 00.0 N (36.3000)	59 29 40.2 E ( 59.4945)	1100.0	TEH WWSS
MHJ	R	Mihamo Fukui, Honshu, Japan opened 197605.	35 31 50.2 N (35.5306)	135 58 44.2 E (135.9789)	260.0	DRI
MHK		Monhotton Kansas, U.S.A. opened 19741119.	39 11 14.5 N (39.1874)	96 34 45.0 W ( 96.5792)	318.0	

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MHR	Mount Hamilton Road ..... Santa Clara County, California, U.S.A. opened 19690304. MNLO code CMH.	37 21 34.2 N (37.3595)	121 45 22.8 W (121.7563)	518.0	MNLO
MHS	C Mammoth Hot Springs ..... Wyoming, U.S.A. 1964-197410. MNLO code YPMH.	44 58 37.2 N (44.9770)	110 41 07.2 W (110.6853)	1781.0	MNLO
MHT	C Manhattan ..... Kansas, U.S.A. 196109-197106.	39 11 59.0 N (39.1997)	96 34 50.0 W ( 96.5806)	339.0	
MHZ	R Mount Horn ..... South Island, New Zealand opened 19840606.	45 03 43.0 S (45.0619)	169 16 47.0 E (169.2797)	1127.0	WEL
MIA	C Miami ..... Florida, U.S.A. 1945-1956.	25 55 .. N (25.9167)	80 18 .. W ( 80.3000)	...	
MIC	Michilla ..... Antofagasta, Chile (22.7064)	22 42 23.0 S (22.7064)	70 16 01.0 W ( 70.2669)	100.0	SAN
MID	Middleton Island ..... Central Alaska, Alaska, U.S.A. opened 19640410.	59 25 40.2 N (59.4278)	146 20 19.8 W (146.3388)	37.0	PMR
MII	C Malini ..... Romania opened 1983?	47 27 21.0 N (47.4558)	26 04 29.0 E ( 26.0747)	400.0	BUC
MIK	C Minitrack ..... Central Alaska, Alaska, U.S.A. 197005-197503.	64 52 20.4 N (64.8723)	147 49 40.8 W (147.8280)	160.0	GIA
(MIK)	see international code MIKN				
(MIK)	see international code MNK				
MIKN	R Mikawa ..... Aichi, Honshu, Japan opened 197706. NGY code MIK.	34 45 45.3 N (34.7626)	137 28 12.3 E (137.4701)	76.0	NGY
MIL	C Milan ..... Lombardia, Italy (45.4667)	45 28 .. N (45.4667)	9 11 .. E ( 9.1833)	124.0	
MIM	Milo ..... Maine, U.S.A. opened 197507.	45 14 37.0 N (45.2436)	69 02 25.0 W ( 69.0403)	140.0	WES USTN
MIN	Mineral ..... Tehama County, California, U.S.A. opened 19390102.	40 20 42.0 N (40.3450)	121 36 18.0 W (121.6050)	1495.0	BRK
(MIN)	see international code MNA				
(MIN)	see international code MNJ				
MIP	R Matupit ..... New Britain, Papua New Guinea opened 1972.	4 14 36.0 S ( 4.2433)	152 11 24.0 E (152.1900)	2.0	PMG
MIQ	CD Moniwaki ..... Quebec, Canada 19740227-19810430.	46 22 .. N (46.3667)	75 58 .. W ( 75.9667)	199.0	ECTN
MIR	Mirny ..... Greater Antarctica, Antarctica (66.5500)	66 33 .. S (66.5500)	93 00 .. E ( 93.0000)	30.0	MOS
(MIR)	see international code MIRC				
MIRC	R Martinez Indian Reservation ..... Riverside County, California, U.S.A. opened 198104. PAS code MIR.	33 24 58.2 N (33.4162)	116 04 51.6 W (116.0810)	91.0	PAS
MIS	Mishima ..... Shizuoka, Honshu, Japan (35.1117)	35 06 42.0 N (35.1117)	138 55 48.0 E (138.9300)	20.0	JMA
MIT	Mito ..... Iboraki, Honshu, Japan (36.3783)	36 22 42.0 N (36.3783)	140 28 18.0 E (140.4717)	29.0	JMA
(MIT)	see international code MITH				
MITH	R Mitoyo ..... Iburi, Hokkaido, Japan opened 19780429. HSS code MIT.	42 34 22.1 N (42.5728)	140 46 49.3 E (140.7804)	325.0	HSS
MIX	Mix Canyon Road ..... Solano County, California, U.S.A. opened 19710612. MNLO code NMX.	38 24 40.8 N (38.4113)	122 03 26.4 W (122.0573)	177.0	MNLO
MIY	Miyako ..... Iwate, Honshu, Japan moved 193901.	39 38 42.0 N (39.6450)	141 58 06.0 E (141.9683)	47.0	JMA
MIZ	Mizusawa ..... Iwate, Honshu, Japan opened 1902.	39 08 .. N (39.1333)	141 08 .. E (141.1333)	61.0	
(MIZ)	see international code MIZN				
MIZN	R Minamizu ..... Shizuoka, Honshu, Japan opened 197905. NGY code MIZ.	34 41 20.2 N (34.6889)	138 50 32.6 E (138.8424)	105.0	NGY
MJP	C Mount Jahn Pukaki ..... South Island, New Zealand 1975-19831121.	43 59 28.0 S (43.9911)	170 27 34.0 E (170.4594)	960.0	WELP
MJW	C Madison Junction ..... Wyoming, U.S.A. opened 1964. MNLO code YPMJ.	44 38 54.0 N (44.6483)	110 51 31.2 W (110.8587)	2111.0	MNLO
MJZ	C Mount Jahn ..... South Island, New Zealand 19650529-19800625.	43 59 14.0 S (43.9872)	170 27 58.0 E (170.4661)	1000.0	WEL
MK-	(Alternate Abbreviation for MK-AR)				
MK-AR	C Marked Tree ..... Arkansas, U.S.A. (35.5589)	35 33 32.0 N (35.5589)	90 15 55.0 W ( 90.2653)	61.0	LRSN
MKA	Makaopuhi ..... Hawaii, Hawaii, U.S.A. opened 196403. HVO code MPR.	19 22 04.2 N (19.3678)	155 09 51.0 W (155.1642)	881.0	HVO

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MKC	C	Moncks Corner ..... South Carolina, U.S.A. 19730313-19731001.	33 11 24.0 N (33.1900)	80 02 24.0 W ( 80.0400)	25.0	USGS
MKH		Mauna Kea ..... Hawaii, Hawaii, U.S.A. opened 1975.	19 49 36.0 N (19.8267)	155 28 21.0 W (155.4725)	...	HON
MKJ	R	Miyake-jima ..... Bonin Islands, Japan opened 197202.	34 03 .. N (34.0500)	139 30 .. E (139.5000)	95.0	
MKL		Maskali ..... Djibouti opened 1976	11 42 52.9 N (11.7147)	43 09 00.0 E ( 43.1500)	5.0	ARO
MKN		Medicine Creek Dam ..... Nebraska, U.S.A. opened 197903.	40 22 26.4 N (40.3740)	100 13 30.0 W (100.2250)	732.0	LAK
MKO	R	Miyako ..... Iwate, Hanshu, Japan opened 196809.	39 35 24.0 N (39.5900)	141 58 54.0 E (141.9817)	125.0	TOH
MKRJ	R	Makawir ..... Jordan opened 198309.	31 33 08.0 N (31.5522)	35 38 27.0 E ( 35.6408)	815.0	JSO
MKS		Ujungpandang (Makassar) ..... Sulawesi, Indonesia Opened 19700601.	5 13 04.2 S ( 5.2178)	119 28 11.4 E (119.4698)	28.0	DJA
MKT		Machtesh Katan ..... Israel opened 1983.	30 56 52.8 N (30.9480)	35 09 07.2 E ( 35.1520)	540.0	JER
MKW		Mikawa ..... Hiroshima, Hanshu, Japan opened 19670901.	34 36 40.0 N (34.6111)	133 06 25.7 E (133.1071)	320.0	ERIJ
MKY	C	Makeyevka ..... Ukrainian S.S.R., U.S.S.R. (Alternate Abbreviation for ML-NM)	48 02 .. N (48.0333)	37 59 .. E ( 37.9833)	...	
ML- ML-NM	C	Magallon ..... New Mexico, U.S.A. 19611215-19620216. (Alternate Abbreviation for ML1CL)	33 24 53.0 N (33.4147)	108 50 11.0 W (108.8364)	1646.0	LRSN
ML1 ML1CL	C	Mono Lake ..... Mono County, California, U.S.A. 19660822-19660826. (Alternate Abbreviation for ML2CL)	37 52 50.0 N (37.8806)	118 50 58.0 W (118.8494)	2512.0	LRSN
ML2 ML2CL	C	Mono Lake ..... Mono County, California, U.S.A. 19660824-19660909. (Alternate Abbreviation for ML3CL)	38 04 50.0 N (38.0806)	119 14 39.0 W (119.2442)	2987.0	LRSN
ML3 ML3CL	C	Mono Lake ..... Mono County, California, U.S.A. 19660825-19660909. (Alternate Abbreviation for ML4CL)	37 32 58.0 N (37.5494)	118 48 55.0 W (118.8153)	2512.0	LRSN
ML4 ML4CL	C	Mono Lake ..... Mono County, California, U.S.A. 19660823-19660909.	38 18 21.0 N (38.3058)	119 33 13.0 W (119.5536)	2195.0	LRSN
MLA		Malaspino Glacier ..... Central Alaska, Alaska, U.S.A. opened 19740904. MNLO code MLS.	59 45 48.0 N (59.7633)	140 09 00.0 W (140.1500)	46.0	AGS
MLAL		Sawyerille ..... Alabama, U.S.A.	32 42 19.8 N (32.7055)	87 41 37.0 W ( 87.6936)	55.0	ATL
MLB	C	Malabar ..... Jawa, Indonesia 1911-1945.	7 13 .. S ( 7.2167)	107 37 .. E (107.6167)	1550.0	
MLC		Manzanita Lake ..... Shasta County, California, U.S.A. opened 195606.	40 32 12.0 N (40.5367)	121 33 42.0 W (121.5617)	1800.0	BRK
MLD	C	Molden ..... Missouri, U.S.A. 196711-196911.	36 33 31.2 N (36.5587)	89 58 11.4 W ( 89.9698)	...	SLM
MLE	C	Mileto ..... Calabria, Italy (38.6000)	38 36 .. N (38.6000)	16 03 .. E ( 16.0500)	360.0	
MLF		Milford ..... Ohio, U.S.A. opened 1963.	39 08 14.6 N (39.1374)	84 16 38.8 W ( 84.2774)	238.0	
MLG		Mont-d'Or Baillif ..... Guadeloupe FDF code MOG.	16 03 40.8 N (16.0613)	61 42 37.2 W ( 61.7103)	640.0	FDF
MLH		Mouna Loa ..... Hawaii, Hawaii, U.S.A. opened 195807. HVO code MLO.	19 29 48.0 N (19.4967)	155 23 18.0 W (155.3883)	2010.0	HVO
MLI		Malad Range ..... Idaho, U.S.A. opened 197410.	42 01 36.5 N (42.0268)	112 07 32.2 W (112.1256)	1896.0	SLC
MLK		Milford Reservoir ..... Kansas, U.S.A. opened 19770815.	39 06 26.4 N (39.1073)	96 53 36.0 W ( 96.8933)	386.0	LAK
MLL	RD	Mill Creek ..... San Bernardino County, California, U.S.A. opened 197412.	34 05 28.8 N (34.0913)	116 56 10.8 W (116.9363)	1513.0	PAS
MLM		Meso Lucera ..... New Mexico, U.S.A. opened 197601.	34 48 51.8 N (34.8144)	107 08 42.0 W (107.1450)	2088.0	NEIS
(MLM)		see international code PML				

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MLN	C Mulungwishi ..... Zaire 19701130-before 1977.	10 47 00.0 S (10.7833)	26 37 30.0 E ( 26.6250)	1200.0	
(MLO)	see international code MLH				
MLP	(Alternate Abbreviation for MLA)				
MLR	Muntele Rosu ..... Romania opened 19740501.	45 29 30.0 N (45.4917)	25 56 37.0 E ( 25.9436)	1360.0	BUC
MLS	Moulis ..... Gascogne, France	42 57 28.8 N (42.9580)	1 04 58.8 E ( 1.0830)	450.0	PAR
(MLS)	see international code MLA				
MLT	Molto ..... Molto opened 197801.	35 54 00.0 N (35.9000)	14 28 48.0 E ( 14.4800)	18.0	
MLU	R Milford ..... Beaver County, Utah, U.S.A. opened 197701.	...	...	...	SLC
MLV	Molvoux ..... Nivernois, France	47 15 55.8 N (47.2655)	3 02 19.2 E ( 3.0387)	...	
MLW	C Milwaukee ..... Wisconsin, U.S.A. 1909-1957.	43 02 .. N (43.0333)	87 55 .. W ( 87.9167)	194.0	
MLX	Mauna Loa 2 ..... Hawaii, Hawaii, U.S.A. opened 19660921.	19 27 36.0 N (19.4600)	155 20 42.0 W (155.3450)	1475.0	HVO
MM-	(Alternate Abbreviation for MM-TN)				
MM-TN	C McMinnville ..... Tennessee, U.S.A. 19611217-19630401.	35 33 52.0 N (35.5644)	85 35 20.0 W ( 85.5889)	381.0	LRSN
MMA	C Mummy Mountain ..... Arizona, U.S.A. 19710517-19730118.	33 33 16.0 N (33.5544)	111 57 28.6 W (111.9579)	426.0	
MMB	Musomishta ..... Bulgaria opened 19830801.	41 35 20.4 N (41.5890)	23 43 40.8 E ( 23.7280)	606.0	SOF
MMC	Middle Cape ..... Southeastern Alaska, Alaska, U.S.A. opened 197108.	57 20 00.0 N (57.3333)	154 38 06.0 W (154.6350)	340.0	GIA
MMG	Mogdolena Milpas Altas ..... Guatemala opened 1975.	14 32 16.8 N (14.5380)	90 40 53.4 W ( 90.6815)	2190.0	GCG
MMK	Mattmark ..... Switzerland opened 1981	46 03 06.0 N (46.0517)	7 57 54.0 E ( 7.9650)	2200.0	ZUR
MMM	R Pea Ridge Mine ..... Missouri, U.S.A. opened 197512.	38 07 48.0 N (38.1300)	91 02 24.0 W ( 91.0400)	-244.0	SLM
MMN	Mormanno ..... Calabria, Italy	39 53 24.4 N (39.8901)	15 59 25.7 E ( 15.9905)	...	ROM
MMO	Medio Mundo ..... Nicaragua opened 1975.	11 53 39.0 N (11.8942)	86 00 54.0 W ( 86.0150)	480.0	APY
MMP	C Mount Mary ..... South Island, New Zealand 1975-19831121.	44 08 33.0 S (44.1425)	170 16 42.0 E (170.2783)	950.0	WELP
MMS	C Motom ..... Senegal closed before 1970.	15 37 .. N (15.6167)	13 20 .. W ( 13.3333)	50.0	MBO
MMT	C Morso Matruh ..... Egypt 1976-198012.	31 22 48.0 N (31.3800)	27 16 30.0 E ( 27.2750)	...	HLW
MMU	Miners Mountain ..... Wayne County, Utah, U.S.A. opened 198010. USTN closed.	38 11 54.6 N (38.1985)	111 17 39.6 W (111.2943)	2387.0	SLC USTN
(MMW)	see international code MMWM				
MMWM	Mi Wuk Village ..... Tuolumne County, California, U.S.A. opened 19760712. MNLO code MMW.	38 03 49.7 N (38.0638)	120 10 53.4 W (120.1815)	1411.0	MNLO
MMY	R Middlesmoor ..... England, United Kingdom (Alternate Abbreviation for MN-NV)	54 10 33.0 N (54.1758)	1 52 08.0 W ( 1.8689)	...	BKN
MN-					
MN-NV	C Mina ..... Nevada, U.S.A. 19610919-19690115.	38 26 10.0 N (38.4361)	118 08 53.0 W (118.1481)	1524.0	LRSN
MNA	Mina ..... Nevada, U.S.A. opened 197308. REN code MIN. Also sent to NEIS by BRK.	38 25 58.0 N (38.4328)	118 09 24.0 W (118.1567)	1525.0	REN USTN
(MNA)	see international code MNAS				
MNAS	R Manas ..... Dagestanskaya ASSR, R.S.F.S.R., U.S.S.R. MOS code MNA. location uncertain.	42 44 .. N (42.7333)	47 41 .. E ( 47.6833)	...	MOSR
MNB	Mount Doinord ..... British Columbia, Canada opened 19810929.	52 11 55.2 N (52.1987)	118 23 00.0 W (118.3833)	2271.0	OTTR
MNC	C Moncalieri ..... Piemonte, Italy	45 00 .. N (45.0000)	7 42 .. E ( 7.7000)	238.0	
MND	Mandalay ..... Burma opened 19661001.	22 00 56.5 N (22.0157)	96 06 53.4 E ( 96.1148)	93.0	

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MNDI		Mendi ..... New Guinea, Papua-New Guinea opened 19850828.	6 09 18.0 S ( 6.1550)	143 39 28.8 E (143.6580)	1800.0	PMG
MNE	C	Mineo ..... Sicily, Italy	37 15 .. N (37.2500)	14 44 .. E ( 14.7333)	510.0	
MNG		Mangahoo ..... North Island, New Zealand opened 19651116.	40 37 07.0 S (40.6186)	175 28 55.0 E (175.4819)	396.0	WEL
MNH	C	Munich ..... Bayern, Fed. Rep. of Germany 1905-1943.	48 09 .. N (48.1500)	11 36 .. E ( 11.6000)	528.0	FUR
(MNH)		see international code MNHM				
MNHM		New Hogan Reservoir ..... Calaveras County, California, U.S.A. opened 197703. MNLO code MNH.	38 08 44.9 N (38.1458)	120 48 49.3 W (120.8137)	219.0	MNLO
MNI		Manado ..... Sulawesi, Indonesia Opened 197401.	1 26 34.8 N ( 1.4430)	124 50 22.2 E (124.8395)	128.0	DJA
MNJ	R	Mineoka ..... Chiba, Honshu, Japan opened 197105. CDPJ code MIN.	35 06 06.8 N (35.1019)	139 59 26.9 E (139.9908)	100.0	CDPJ
MNK	D	Minsk ..... Byelorussian S.S.R., U.S.S.R. opened 1971? MOS code MIK.	53 54 .. N (53.9000)	27 34 .. E ( 27.5667)	...	MOS
MNL		Mangla (New Mirpur) ..... Pakistan opened 1966?	33 08 50.0 N (33.1472)	73 45 00.0 E ( 73.7500)	436.0	QUE
MNLO	F	USGS Nat. Center for Earthquake Research				
MNM	C	Minneapolis ..... Minnesota, U.S.A. 197412-1976.	44 58 26.5 N (44.9740)	93 14 17.0 W ( 93.2381)	204.0	MNM
MNN	C	Minneapolis ..... Minnesota, U.S.A. 19620727-196508.	44 54 52.0 N (44.9144)	93 11 24.0 W ( 93.1900)	217.0	MNM WWSS
MNP		Marang ..... Luzon, Philippines	14 40 47.3 N (14.6798)	120 16 41.8 E (120.2783)	12.3	
MNQ	D	Manicouagan ..... Quebec, Canada opened 19741127.	50 32 00.0 N (50.5333)	68 46 28.0 W ( 68.7744)	610.0	ECTN
MNR		Mines Raad ..... Alameda County, California, U.S.A. opened 19690417. MNLO code CMR.	37 35 40.8 N (37.5947)	121 38 13.2 W (121.6370)	500.0	MNLO
(MNR)		see international code MGC				
MNS		Mant Asala ..... Lazio, Italy opened 197801.	42 23 13.2 N (42.3870)	12 40 48.0 E ( 12.6800)	...	ROM
(MNS)		see international code MNYS				
MNT	D	Montreal ..... Quebec, Canada opened 195409. ECTN opened 19740224.	45 30 09.0 N (45.5025)	73 37 23.0 W ( 73.6231)	112.0	ECTN
MNU		Millard North ..... Millard County, Utah, U.S.A. opened 197701.	38 37 11.0 N (38.6197)	112 50 50.0 W (112.8472)	1664.0	SLC
MNV		Mina ..... Nevada, U.S.A. opened 196804.	38 25 58.1 N (38.4328)	118 09 11.2 W (118.1531)	1524.0	LAC
MNW	C	Monowai ..... South Island, New Zealand closed 19781126.	45 46 49.0 S (45.7803)	167 37 07.0 E (167.6186)	155.0	WEL
MNY		Monteynard ..... Dauphine, France opened 196309.	44 57 38.0 N (44.9606)	5 41 28.0 E ( 5.6911)	422.0	STR
MNYS	R	Manysh ..... Turkmen S.S.R., U.S.S.R. MOS code MNS.	37 48 .. N (37.8000)	58 24 .. E ( 58.4000)	...	MOSR
MNZ		Monzanilla ..... Colima, Mexico (Alternate Abbreviation for MO-ID)	19 03 15.0 N (19.0542)	104 19 50.0 W (104.3306)	60.0	UNM
MO-ID	C	Mountain Home ..... Idaho, U.S.A. 19661117-19670626.	43 04 19.0 N (43.0719)	116 15 56.0 W (116.2656)	792.0	LRSM
MOA		Molln ..... Austria opened 197603.	47 50 58.3 N (47.8495)	14 15 57.4 E ( 14.2659)	572.0	VIE
MOB	C	Menlo Park ..... San Mateo County, California, U.S.A. 19670922-19760911.	37 27 00.6 N (37.4502)	122 11 00.0 W (122.1833)	21.0	MNLO
MOF	R	Molkenrain ..... Alsace, France	47 51 05.7 N (47.8516)	7 07 58.8 E ( 7.1330)	1085.0	
MOG	C	Mogadiscia ..... Somalia see international code MLG	2 02 .. N ( 2.0333)	45 21 .. E ( 45.3500)	...	
(MOG)		see international code MLG				
MOI		Mount Matar ..... Israel	31 44 06.0 N (31.7350)	35 20 56.4 E ( 35.3490)	140.0	JER
MOK		Makapu ..... Oahu, Hawaii, U.S.A. opened 196504.	21 27 23.4 N (21.4565)	157 44 11.5 W (157.7365)	90.0	HON
(MOK)		see international code MWH				

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MOM	Momote ..... Admiralty Islands, Papua New Guinea opened 196910.	2 02 30.0 S ( 2.0417)	147 24 06.0 E (147.4017)	10.0	PMG
MON	Monaco ..... Monoco	43 43 50.0 N (43.7306)	7 25 33.0 E ( 7.4258)	52.0	
(MON)	see international code MONR				
MONJ	Montclair ..... New Jersey, U.S.A.	40 48 30.0 N (40.8083)	74 13 51.0 W ( 74.2308)	98.0	BLMY
MONR	Mono Valley ..... Mono County, California, U.S.A. opened 197407. REN code MON.	38 03 38.9 N (38.0608)	118 46 32.9 W (118.7758)	2179.0	REN
MOO	Moorlands ..... Tasmania, Australia opened 1960.	42 26 30.0 S (42.4417)	147 11 25.0 E (147.1903)	325.0	TAU
MOP	Monarch Peak ..... Monterey County, California, U.S.A. opened 19700814. MNLO code PMP.	36 12 54.6 N (36.2152)	120 47 41.4 W (120.7948)	784.0	MNLO
MOR	Mori ..... O shimo, Hokkaido, Japan	42 06 18.0 N (42.1050)	140 34 30.0 E (140.5750)	12.0	JMA
(MOR)	see international code MRJ				
MOS	Moscow ..... Moskovskaya Oblast, R.S.F.S.R., U.S.S.R.	55 44 18.0 N (55.7383)	37 37 30.0 E ( 37.6250)	121.0	MOS
MOT	McDonald Observatory ..... Texas, U.S.A. opened 197508.	30 40 46.8 N (30.6797)	104 00 29.4 W (104.0082)	2020.0	HKT
(MOT)	see international code MGJ				
MOTN	Model ..... Tennessee, U.S.A.	36 37 04.8 N (36.6180)	87 59 12.0 W ( 87.9867)	177.0	TVA
MOUT	Mount Ogden ..... Weber County, Utah, U.S.A. opened 198009. USTN closed.	41 11 05.6 N (41.1849)	111 52 43.8 W (111.8788)	2743.0	SLC USTN
MOV	Maravis ..... Puerto Rico opened 19770215.	18 17 55.4 N (18.2987)	66 21 59.8 W ( 66.3666)	485.0	USGS
MOW	R Maikou ..... North Island, New Zealand opened 19780131.	41 25 18.0 S (41.4217)	175 15 07.0 E (175.2519)	430.0	WELW
MOX	D Moxa ..... German Dem. Rep.	50 38 46.0 N (50.6461)	11 36 58.0 E ( 11.6161)	454.0	
MOY	Mandy ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	51 41 .. N (51.6833)	100 59 .. E (100.9833)	...	MOS
(MOY)	see international code MOYM				
MOYM	O'Byrne Ferry ..... Tuolumne County, California, U.S.A. opened 19720419. MNLO code MOY.	37 54 00.0 N (37.9000)	120 34 02.3 W (120.5673)	176.0	MNLO
MP-	(Alternate Abbreviation for MP-AR)				
MP-AR	C Mountain Pine ..... Arkansas, U.S.A. 19611120-19630603.	34 36 06.0 N (34.6017)	93 08 45.0 W ( 93.1458)	183.0	LRSM
MPA	Moose Pass ..... Kenai Peninsula, Alaska, U.S.A. opened 19730805. AGS code MSP.	60 29 21.0 N (60.4892)	149 21 38.4 W (149.3607)	150.0	AGS
MPE	F (keyword for telegraphic format)				
MPH	C Memphis ..... Tennessee, U.S.A. 19780921-19830110.	35 07 22.1 N (35.1228)	89 55 54.3 W ( 89.9318)	94.0	TEIC
MPK	Martis Peak ..... Placer County, California, U.S.A. opened 197304.	39 17 44.4 N (39.2957)	120 01 48.6 W (120.0302)	2484.0	REN
MPM	R Mont Pele ..... Martinique	14 48 43.2 N (14.8120)	61 10 04.8 W ( 61.1680)	1190.0	FDF
MPN	F (keyword for telegraphic format)				
MPP	C Mount Pasian ..... Mindanao, Philippines 19750917-19800117.	7 53 50.0 N ( 7.8972)	126 01 05.0 E (126.0181)	1130.0	MAN
MPR	Mayaguez ..... Puerto Rico opened 1973.	18 12 46.8 N (18.2130)	67 08 20.4 W ( 67.1390)	25.0	
(MPR)	see international code MKA				
MPRI	Monte Prat ..... Friuli-Venezia Giulia, Italy opened 19770620.	46 14 30.0 N (46.2417)	12 59 18.0 E ( 12.9883)	762.0	TRI
MPSO	R Mpoko ..... Swaziland	...	...	...	SRO
MPT	Motupit Island ..... New Britain, Papua New Guinea	4 14 37.2 S ( 4.2437)	152 11 23.4 E (152.1898)	2.0	
MPVT	C Montpelier ..... Vermont, U.S.A. 19770627-19810825.	44 16 42.0 N (44.2783)	72 36 24.0 W ( 72.6067)	...	PAL
MPZ	F (keyword for telegraphic format)				
MQI	C Macquarie Island ..... Macquarie Island, Australia 1972-197311.	54 31 12.0 S (54.5200)	158 55 48.0 E (158.9300)	250.0	AUST
MR-	(Alternate Abbreviation for MR-PA)				
MR-PA	C Middleburg ..... Pennsylvania, U.S.A. 19621011-19621027.	40 48 53.0 N (40.8147)	77 10 32.0 W ( 77.1756)	213.0	LRSM
MRA	R San Martin ..... San Luis, Argentine	...	...	...	SJA

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MRC	C Montrose ..... Colorado, U.S.A. 1970-197211.	38 28 14.0 N (38.4706)	107 51 36.0 W (107.8600)	1790.0	NEIS
MRD	R Mojave River Dam ..... San Bernardino County, California, U.S.A. opened 197201.	34 40 32.4 N (34.6757)	117 14 27.0 W (117.2408)	969.0	CDWR
MRE	R Mariestad ..... Sweden opened 198001	58 37 01.2 N (58.6170)	13 44 45.6 E (13.7460)	...	HFS
MRF	Miroflores ..... Peru	12 07 53.8 S (12.1316)	77 01 29.6 W (77.0249)	...	
(MRF)	see international code MRFM				
MRFM	Railroad Flat South ..... Coloaveras County, California, U.S.A. opened 19760712. MNLO code MRF.	38 14 43.1 N (38.2453)	120 31 14.5 W (120.5207)	799.0	MNLO
MRG	Morgantown ..... West Virginia, U.S.A. opened 195010.	39 37 59.0 N (39.6331)	79 57 16.0 W (79.9544)	281.0	
MRI	C Mauritius Island ..... Mauritius	20 06 .. S (20.1000)	57 53 .. E (57.8833)	...	
MRJ	R Mariya ..... Ibaraki, Honshu, Japan opened 197703. CDPJ code MOR.	35 56 33.0 N (35.9425)	140 00 15.8 E (140.0044)	1.0	CDPJ
MRK	Marioka ..... Iwate, Honshu, Japan	39 41 48.0 N (39.6967)	141 10 06.0 E (141.1683)	156.0	JMA
MRL	Marmol ..... Guatemala opened 1979.	15 03 57.0 N (15.0658)	89 41 28.2 W (89.6912)	1460.0	GCG
MRM	U Morris ..... Minnesota, U.S.A. 197710-1981?	...	...	...	MNM
MRN	Sint Maarten ..... Netherlands Antilles opened 197610. PAL code STM. sent to NEIS by TRN.	18 00 43.2 N (18.0120)	63 03 36.0 W (63.0600)	20.0	PAL
MRO	C Meridian ..... Oklahoma, U.S.A. 19780316-19820904.	35 50 08.0 N (35.8356)	97 13 35.5 W (97.2265)	294.0	TUL
MRP	C Merapi ..... Jowa, Indonesia	7 24 .. S (7.4000)	110 16 .. E (110.2667)	...	
MRR	Muroran ..... Iburi, Hokkaido, Japan opened 192306.	42 19 .. N (42.3167)	140 59 .. E (140.9833)	43.0	JMA
MRRJ	Muroran 2 ..... Iburi, Hokkaido, Japan	42 25 30.0 N (42.4250)	141 04 18.0 E (141.0717)	-15.0	JMA
MRS	Maars ..... Alaska Peninsula, Alaska, U.S.A. opened 19770520.	57 51 24.0 N (57.8567)	156 29 22.0 W (156.4894)	131.0	GIA
(MRS)	see international code MRSS				
MRSS	R Marshin ..... Ukrainian S.S.R., U.S.S.R. MOS code MRS.	49 06 .. N (49.1000)	23 54 .. E (23.9000)	...	MOSR
MRT	Murotomisaki ..... Kochi, Shikoku, Japan	33 14 54.0 N (33.2483)	134 10 42.0 E (134.1783)	185.0	JMA
MRV	R Maracaibo ..... Venezuela	...	...	...	CAR
(MRV)	see international code MRVC				
MRVC	Morango Valley ..... San Bernardino County, California, U.S.A. opened 197803. PAS code MRV. (Alternate Abbreviation for RCL)	34 09 21.0 N (34.1558)	116 30 06.0 W (116.5017)	1239.0	PAS
MRVI					
MRW	R Makara Radio ..... North Island, New Zealand opened 19760126.	41 13 57.0 S (41.2325)	174 42 18.0 E (174.7050)	...	WELW
MRWA	Morawa ..... Western Australia, Australia opened 19840621.	29 13 04.8 S (29.2180)	115 59 45.6 E (115.9960)	300.0	AUST
MRY	C Mary ..... Turkmen S.S.R., U.S.S.R. (Alternate Abbreviation for MS-PA)	37 36 .. N (37.6000)	61 52 .. E (61.8667)	...	
MS-PA	C Montrose ..... Pennsylvania, U.S.A. 19620724-19620727.	41 45 40.0 N (41.7611)	75 47 51.0 W (75.7975)	457.0	LRSM
MSA	Mount San Antonio ..... New Mexico, U.S.A. opened 19751009.	36 51 33.0 N (36.8592)	106 01 04.0 W (106.0178)	3322.0	LOA
MSAL	Monte Sano ..... Alabama, U.S.A.	34 50 48.0 N (34.8467)	86 40 24.6 W (86.6735)	260.0	TVA
MSB	R Manso ..... Mato Grosso, Brazil	14 53 11.0 S (14.8864)	55 49 02.0 W (55.8172)	360.0	BDF
MSC	Monte Massico ..... Campania, Italy	41 11 29.2 N (41.1914)	13 58 17.0 E (13.9714)	109.0	OVO
MSE	Moose Creek ..... Central Alaska, Alaska, U.S.A. opened 19840911.	61 50 18.0 N (61.8383)	148 58 01.8 W (148.9672)	1319.0	AGS
MSG	Moessingen ..... Baden-Wuerttemberg, Fed. Rep. of Germany opened 1971.	48 23 57.0 N (48.3992)	9 02 00.0 E (9.0333)	475.0	STU
MSH	C Moshhad ..... Iran 19650917-19750905.	36 18 40.0 N (36.3111)	59 35 16.0 E (59.5878)	987.0	TEH WWSS

CODES

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MSI		Messina I.N.G. .... Sicily, Italy opened 196707.	38 12 12.2 N (38.2034)	15 33 20.1 E ( 15.5556)	60.0	ROM
MSJ		Mission San Jose .... Alameda County, California, U.S.A. opened 19720701. MNLO code CMJ.	37 31 15.0 N (37.5208)	121 52 13.8 W (121.8705)	498.0	MNLO
MSK	C	Misaki .... Kanagawa, Honshu, Japan closed 1941.	35 09 .. N (35.1500)	139 37 .. E (139.6167)	...	ERIJ
(MSK)		see international code MSKJ				
MSKJ	R	Misakuba .... Shizuoka, Honshu, Japan opened 197904. CDPJ code MSK.	35 11 36.2 N (35.1934)	137 56 20.8 E (137.9391)	754.0	CDPJ
MSL		Masul .... Iraq opened 198107.	36 22 54.0 N (36.3817)	43 08 53.7 E ( 43.1482)	241.8	BHD
(MSL)		see international code MSR				
MSM	C	Mount Sar Shalom .... Israel closed 198307.	33 03 39.6 N (33.0610)	35 16 44.4 E ( 35.2790)	500.0	JER
MSN	RD	Misano .... Hidaka, Hokkaido, Japan opened 19760701.	42 25 23.5 N (42.4232)	142 32 28.9 E (142.5414)	100.0	HSS
MSNY		Massena .... New York, U.S.A. 197702-197704; reopened 19770713.	44 59 54.0 N (44.9983)	74 51 43.2 W ( 74.8620)	55.0	PAL
MSO		Missoula .... Montana, U.S.A. opened 197311.	46 49 45.0 N (46.8292)	113 56 26.0 W (113.9406)	1264.0	MSO WWSS
MSP		Mount Santa Tomas .... Luzan, Philippines opened 197506.	16 20 .. N (16.3333)	120 34 .. E (120.5667)	2000.0	MAN
(MSP)		see international code MPA				
MSR		Malnas .... Romania opened 19820901. BUC code MSL.	46 02 17.0 N (46.0381)	24 49 17.0 E ( 24.8214)	640.0	BUC
MSS		Messtetten .... Baden-Wuerttemberg, Fed. Rep. of Germany opened 1933. moved slightly 195408.	48 10 45.0 N (48.1792)	8 57 58.0 E ( 8.9661)	915.0	STU
MST	C	Mostar .... Yugoslavia closed 1925?	43 21 .. N (43.3500)	17 49 .. E ( 17.8167)	70.0	
(MST)		see international code MSTM				
MSTM		Stent .... Tuolumne County, California, U.S.A. opened 19720419. MNLO code MST.	37 54 16.2 N (37.9045)	120 24 17.3 W (120.4048)	366.0	MNLO
MSTOP	F	(keyword for telegraphic format)				
MSU		Marysville .... Piute County, Utah, U.S.A. opened 197511.	38 30 48.0 N (38.5133)	112 10 27.0 W (112.1742)	2141.0	SLC USTN
MSV		Manasavu .... Fiji opened 198309.	17 45 28.0 S (17.7578)	178 03 16.0 E (178.0544)	656.0	SVA
MSZ		Millard Sound .... South Island, New Zealand opened 19660303.	44 40 14.0 S (44.6706)	167 55 01.0 E (167.9169)	38.0	WEL
MT1		Boracho Peak .... Texas, U.S.A. opened 197706.	30 55 44.4 N (30.9290)	104 23 27.0 W (104.3908)	1714.0	HKT
MT2		Eagle Mountain .... Texas, U.S.A. opened 197703.	30 53 56.4 N (30.8990)	105 04 48.0 W (105.0800)	2088.0	HKT
MT3		Miller Ranch .... Texas, U.S.A. opened 197706.	30 32 31.0 N (30.5419)	104 39 27.2 W (104.6576)	1481.0	HKT
MT4		Brite Ranch .... Texas, U.S.A. opened 197706.	30 16 22.8 N (30.2730)	104 34 12.0 W (104.5700)	1469.0	HKT
MTA		Mtatsminda (Ibilibi 2) .... Georgian S.S.R., U.S.S.R. MOS code T12.	41 42 .. N (41.7000)	44 48 .. E ( 44.8000)	...	TIF
MTB	C	Montebello Ridge .... Santa Clara County, California, U.S.A. 19750207-19761223.	37 17 26.5 N (37.2907)	122 05 25.8 W (122.0905)	347.0	MNLO
MTC		Morgan Territory .... Contra Costa County, California, U.S.A. opened 19690417. MNLO code CMO.	37 48 40.8 N (37.8113)	121 48 09.0 W (121.8025)	792.0	MNLO
MTD		Maunt Darwin .... Zimbabwe opened 1970?	16 46 48.0 S (16.7800)	31 35 00.0 E ( 31.5833)	967.0	BUL
MTE		Manteigas .... Portugal opened 19741210.	40 24 12.0 N (40.4033)	7 32 12.0 W ( 7.5367)	815.0	INMG
MTG	C	Montague Island .... Kenai Peninsula, Alaska, U.S.A. 19741003-198507.	59 54 42.6 N (59.9118)	147 29 49.2 W (147.4970)	31.0	AGS
(MTG)		see international code MTGE				
MTGE	U	Mitogawa .... Wakayama, Honshu, Japan 19671119-19680808. ERIJ code MTG.	33 33 14.2 N (33.5539)	135 41 14.7 E (135.6874)	60.0	ERIJ



Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MTH	Montachique ..... Portugal	38 53 48.0 N (38.8967)	9 11 33.0 W ( 9.1925)	409.0	INMG
MTI	Mount Irish ..... Nevada, U.S.A. opened 19790608.	37 40 36.0 N (37.6767)	115 16 22.0 W (115.2728)	1525.0	USGS
MTJ	Mount Tsukuba ..... Ibaraki, Honshu, Japan opened 1921.	36 12 39.0 N (36.2108)	140 06 36.0 E (140.1100)	286.0	ERIJ
MTK	C Mitaka ..... Tokyo, Honshu, Japan closed 1941.	35 40 .. N (35.6667)	139 30 .. E (139.5000)	57.0	ERIJ
MTL	Mount Taylor ..... New Mexico, U.S.A. opened 19751015.	35 15 07.0 N (35.2519)	107 35 47.0 W (107.5964)	3335.0	LOA
MTM	Matsumoto ..... Nagano, Honshu, Japan moved 193501.	36 14 36.0 N (36.2433)	137 58 24.0 E (137.9733)	611.0	JMA
MTMJ	Matsumoto Outpost ..... Nagano, Honshu, Japan opened 1978.	36 35 06.0 N (36.5850)	137 48 18.0 E (137.8050)	1020.0	JMA
MTN	Manton ..... Northern Territory, Australia opened 19720601.	12 50 48.0 S (12.8467)	131 07 48.0 E (131.1300)	80.0	AUST
MTP	Mante Pirata ..... Puerto Rico opened 197503.	18 05 38.4 N (18.0940)	65 33 25.2 W ( 65.5570)	175.0	PAL
MTQ	R Manturaqui ..... Antofagasta, Chile opened 1975.	24 20 24.0 S (24.3400)	68 26 24.0 W ( 68.4400)	3000.0	SAN
MTR	Monterey ..... Monterey County, California, U.S.A. opened 19701127. MNLO code HMO.	36 36 42.0 N (36.6117)	121 54 58.2 W (121.9162)	...	MNLO
MTS	Matsue ..... Shimane, Honshu, Japan	35 27 18.0 N (35.4550)	133 04 18.0 E (133.0717)	18.0	JMA
MTSA	Monte Escuro ..... Azores, Portugal opened 1980.	37 46 51.5 N (37.7810)	25 26 18.3 W ( 25.4384)	826.0	PDA
MTT	Monetta ..... South Carolina, U.S.A. opened 19760809.	33 45 05.0 N (33.7514)	81 38 10.0 W ( 81.6361)	182.0	USGS
MTU	Montague Island ..... Kenai Peninsula, Alaska, U.S.A. opened 19850712.	59 59 16.2 N (59.9878)	147 39 07.2 W (147.6520)	434.0	AGS
MTV	C Mount Tassie ..... Victoria, Australia 1964-1970.	38 24 06.0 S (38.4017)	146 33 58.0 E (146.5661)	740.0	CAN
(MTV)	see international code MVH				
MTW	Mount Morrison ..... North Island, New Zealand opened 19790629.	41 09 34.0 S (41.1594)	175 30 07.0 E (175.5019)	282.0	WELW
MTX	R Marathon ..... Texas, U.S.A.	30 18 22.0 N (30.3061)	103 15 17.0 W (103.2547)	1372.0	DAL
MTY	Matsuyama (Matuyama) ..... Ehime, Shikoku, Japan moved 192807.	33 50 24.0 N (33.8400)	132 46 48.0 E (132.7800)	32.0	JMA
MTZ	C Montezuma ..... Antofagasta, Chile opened 193301.	22 38 .. S (22.6333)	68 50 .. W ( 68.8333)	1850.0	
MU-	(Alternate Abbreviation for MU-WA)				
MU-WA	C Mount Baker ..... Washington, U.S.A. 19620926-19621005.	48 55 00.0 N (48.9167)	121 54 37.0 W (121.9103)	732.0	LRSM
MUB	Muncho Lake ..... British Columbia, Canada opened 19811014.	58 57 18.0 N (58.9550)	125 45 24.0 W (125.7567)	1100.0	OTTR
MUD	Monsted Underground ..... Denmark opened 198203.	56 27 36.0 N (56.4600)	9 10 12.0 E ( 9.1700)	12.0	COP
MUI	Mashhad University ..... Iran opened 197201.	36 18 42.0 N (36.3117)	59 36 18.0 E ( 59.6050)	1000.0	MUI
MUJ	R Mitsuishi ..... Hidaka, Hokkaido, Japan	42 16 59.2 N (42.2831)	142 35 08.2 E (142.5856)	60.0	HSS
MUK	C Mukerian ..... Punjab, India 19641213-?	31 57 .. N (31.9500)	75 37 .. E ( 75.6167)	...	NDI
MUL	Mullan ..... Idaho, U.S.A. opened 1968.	47 27 42.0 N (47.4617)	115 46 54.0 W (115.7817)	1300.0	
MUN	Mundaring ..... Western Australia, Australia opened 19590731. WWSS opened 19620628.	31 58 42.0 S (31.9783)	116 12 30.0 E (116.2083)	253.0	AUST WWSS
MUR	Murgab ..... Tajik S.S.R., U.S.S.R.	38 22 .. N (38.3667)	73 56 .. E ( 73.9333)	3800.0	MOSR
MUS	C Muskinabad ..... Uzbek S.S.R., U.S.S.R.	38 41 .. N (38.6833)	69 36 .. E ( 69.6000)	...	
MUT	R Mudurnu ..... Turkey Opened 197901.	40 27 52.9 N (40.4647)	31 12 42.8 E ( 31.2119)	960.0	

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MUZ	R	Mutare (Umtoli) ..... Zimbabwe	18 59 42.0 S (18.9950)	32 37 36.0 E ( 32.6267)	...	BUL
MV-		(Alternate Abbreviation for MV-CL)				
MV-CL	C	Marysville ..... Yuba County, California, U.S.A. 19611022-19640310; 19660301-19660312.	39 12 47.0 N (39.2131)	121 17 35.0 W (121.2931)	183.0	LRS
MVH		Mountain View ..... Hawaii, Hawaii, U.S.A. opened 197103. HVO code MTV.	19 30 15.0 N (19.5042)	155 03 45.0 W (155.0625)	409.0	HVO
MVI		Minami-daita-jima ..... Ryukyu Islands, Japan opened 197402.	25 49 42.0 N (25.8283)	131 14 06.0 E (131.2350)	15.0	JMA
MVL		Millersville State College ..... Pennsylvania, U.S.A. opened 19741023.	39 59 57.0 N (39.9992)	76 21 02.0 W ( 76.3506)	91.0	
MVM		Montagne du Vauclain ..... Martinique opened 1975.	14 33 16.2 N (14.5545)	60 53 43.8 W ( 60.8955)	361.0	FDF
MVN	R	Mavillette ..... Nova Scotia, Canada	...	...	...	
MVT		Monte Vettore ..... Sicily, Italy	37 41 21.0 N (37.6892)	14 59 10.0 E ( 14.9861)	1660.0	CAT
MVW		Mud Volcano ..... Wyoming, U.S.A. opened 197210. MNLO code YPMV. (Alternate Abbreviation for MW-ON)	44 37 21.0 N (44.6225)	110 26 30.0 W (110.4417)	2415.0	MNLO
MW-						
MW-ON	C	Mattawa ..... Ontario, Canada 19621011-19621027.	46 16 31.0 N (46.2753)	78 34 18.0 W ( 78.5717)	244.0	LRS
MWA		Mag Wash ..... Beaver County, Utah, U.S.A.	38 29 53.4 N (38.4982)	112 50 48.6 W (112.8468)	1878.0	SLC
MWC	D	Maunt Wilson ..... Los Angeles County, California, U.S.A. opened 19280423.	34 13 25.8 N (34.2238)	118 03 27.6 W (118.0577)	1730.0	PAS
MWG		Muenster-Westfalen ..... Nordrhein-Westfalen, Fed. Rep. of Germany	51 57 45.7 N (51.9627)	7 37 26.9 E ( 7.6241)	58.0	
MWH		Mokuaweoweo ..... Hawaii, Hawaii, U.S.A. opened 19710522. HVO code MOK.	19 29 16.8 N (19.4880)	155 35 58.8 W (155.5997)	1251.0	HVO
MWI	C	Montserrat (Grave) ..... Montserrat opened 19660320.	16 42 46.8 N (16.7130)	62 13 19.2 W ( 62.2220)	46.0	TRN
MWS	C	Mawashi ..... Ryukyu Islands, Japan (Alternate Abbreviation for MX-TN)	26 14 .. N (26.2333)	127 41 .. E (127.6833)	25.0	
MX-						
MX-TN	C	Manchester ..... Tennessee, U.S.A. 19621114-19621212. (Alternate Abbreviation for MY-AR)	35 33 01.0 N (35.5503)	86 16 12.0 W ( 86.2700)	305.0	LRS
MY-						
MY-AR	C	McCrory ..... Arkansas, U.S.A. 19620716-19620803.	35 21 04.0 N (35.3511)	91 04 47.0 W ( 91.0797)	61.0	LRS
MYD	C	Miyazu ..... Kyoto, Honshu, Japan	35 32 .. N (35.5333)	135 12 .. E (135.2000)	...	
MYG		Motka ..... Yugoslavia opened 196901.	41 57 24.0 N (41.9567)	21 18 03.0 E ( 21.3008)	306.0	SKO
MYI	C	Mount Yahel ..... Israel closed 198308.	31 11 56.4 N (31.1990)	35 12 57.6 E ( 35.2160)	500.0	JER
MYK		Miyako-jima ..... Ryukyu Islands, Japan	24 47 .. N (24.7833)	125 17 .. E (125.2833)	40.0	JMA
MYO	R	Myokensan ..... Osaka, Honshu, Japan opened 19630913.	34 55 31.5 N (34.9254)	135 28 13.7 E (135.4705)	640.0	KYT
MYR	RD	Mayori ..... Tokachi, Hokkaido, Japan opened 19711103.	42 17 30.6 N (42.2918)	143 17 01.5 E (143.2838)	80.0	HSS
MYT		Moyuta ..... Guatemala opened 1983.	14 02 49.2 N (14.0470)	90 03 51.0 W ( 90.0642)	1325.0	GCG
MYV		Myrviken ..... Sweden	62 56 30.0 N (62.9417)	14 20 48.0 E ( 14.3467)	345.0	UPP
MYZ		Miyazaki ..... Miyazaki, Kyushu, Japan moved 195308.	31 55 00.0 N (31.9167)	131 25 36.0 E (131.4267)	7.0	JMA
MYZ2	R	Miyazaki 2 ..... Miyazaki, Kyushu, Japan opened 1984. (Alternate Abbreviation for MZ-AR)	31 53 48.0 N (31.8967)	131 24 42.0 E (131.4117)	12.0	JMA
MZ-						
MZ-AR	C	Mount Ida ..... Arkansas, U.S.A. 19621220-19630131.	34 33 31.0 N (34.5586)	93 39 28.0 W ( 93.6578)	213.0	LRS
MZA		Mariazell ..... Austria	47 46 13.0 N (47.7703)	15 19 42.0 E ( 15.3283)	990.0	VIE
MZE	R	MaZe ..... Gifu, Honshu, Japan opened 197801.	35 53 28.1 N (35.8911)	137 09 19.0 E (137.1553)	590.0	NGY

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
MZF	D Mazirat ..... Marche, France opened 1971.	46 12 56.0 N (46.2156)	2 35 02.0 E ( 2.5839)	480.0	LDG
(MZG)	see international code MEZ				
MZH	Maizuru ..... Kyoto, Honshu, Japan opened 1975?	35 26 54.0 N (35.4483)	135 19 12.0 E (135.3200)	3.0	JMA
MZI	R Mizumiira ..... Shizuoka, Honshu, Japan opened 197706.	35 02 38.5 N (35.0440)	138 17 37.0 E (138.2936)	400.0	NGY
MZM	Mzuzu ..... Malawi Sent to NEIS by BUL.	11 18 36.0 S (11.3100)	34 00 00.0 E ( 34.0000)	...	
MZO	C Mazie Landing ..... Oklahoma, U.S.A. 19760916-19780616.	36 07 53.9 N (36.1316)	95 18 00.5 W ( 95.3001)	182.0	TUL
MZP	Montezuma Peak ..... Nevada, U.S.A. opened 19790713.	37 42 02.0 N (37.7006)	117 22 59.0 W (117.3831)	2375.0	USGS
MZT	R Mikazuki ..... Hyogo, Honshu, Japan opened 196307.	34 59 12.0 N (34.9867)	134 26 40.5 E (134.4446)	200.0	DRI
MZX	Mazatlan ..... Sinaloa, Mexico (23.2008)	23 12 03.0 N (23.2008)	106 25 31.0 W (106.4253)	10.0	MEX
MZZ	Mansa ..... Zambia Opened 1984.	11 08 31.9 S (11.1422)	28 52 33.6 E ( 28.8760)	1256.0	LSZ
N10	CD Norsar Array Site 10C00 ..... Norway 1971-19761001.	60 28 10.3 N (60.4695)	10 17 59.8 E ( 10.2999)	403.0	NAO
N11	CD Norsar Array Site 11C00 ..... Norway 1971-19761001.	60 37 01.6 N (60.6171)	10 14 59.0 E ( 10.2497)	242.0	NAO
N12	CD Norsar Array Site 12C00 ..... Norway 1971-19761001.	60 46 22.4 N (60.7729)	9 59 04.2 E ( 9.9845)	637.0	NAO
N13	CD Norsar Array Site 13C00 ..... Norway 1971-19761001.	61 02 59.4 N (61.0498)	9 53 10.0 E ( 9.8861)	919.0	NAO
N14	CD Norsar Array Site 14C00 ..... Norway 1971-19761001.	61 11 12.9 N (61.1869)	10 16 22.6 E ( 10.2729)	492.0	NAO
NA0	R (Alternate Abbreviation for NAO)				
NA11	North Anna ..... Virginia, U.S.A. (37.9831)	37 58 59.0 N (37.9831)	77 41 06.0 W ( 77.6850)	...	BLA
NA12	North Anna ..... Virginia, U.S.A. opened 197808. USTN closed.	37 58 59.0 N (37.9831)	77 52 46.0 W ( 77.8794)	125.0	BLA USTN
NA2	North Anna ..... Virginia, U.S.A. opened 197810.	38 07 37.0 N (38.1269)	77 44 49.0 W ( 77.7469)	...	BLA USTN
NA5	R North Anna ..... Virginia, U.S.A. opened 197808.	37 59 35.0 N (37.9931)	77 44 49.0 W ( 77.7469)	...	BLA
NAA	C Naalehu ..... Hawaii, U.S.A. 1958-19690101. HVO code NAL.	19 03 48.0 N (19.0633)	155 35 12.0 W (155.5867)	205.0	HVO
NAB	D Nanaimo ..... British Columbia, Canada opened 19820111.	49 13 21.0 N (49.2225)	124 00 13.0 W (124.0036)	256.0	WCTN
(NAB)	see international code NABD				
NABD	R Nabeyama ..... Kogoshima, Kyushu, Japan opened 1978. DRI code NAB.	31 29 15.0 N (31.4875)	130 46 31.0 E (130.7753)	340.0	DRI
NAE	Nake ..... Tuomotu Archipelago, French Polynesia opened 1976.	18 25 25.0 S (18.4236)	140 40 08.0 W (140.6689)	2.0	PPT
NAF	R Namboro ..... Fiji opened 197910.	18 07 25.0 S (18.1236)	178 18 03.0 E (178.3008)	183.0	SVL
NAG	Nagaya ..... Aichi, Honshu, Japan (35.1650)	35 09 54.0 N (35.1650)	136 58 06.0 E (136.9683)	52.0	JMA
(NAG)	see international code NGH				
NAH	Naha ..... Ryukyu Islands, Japan (26.2167)	26 13 .. N (26.2167)	127 41 .. E (127.6833)	11.0	JMA
NAI	Nairobi ..... Kenya opened 19630614.	1 16 26.2 S ( 1.2739)	36 48 13.2 E ( 36.8037)	1692.0	WWSS
NAIK	R Nairobi ..... Kenya proposed GTSN station.	...	...	...	
NAK	Nakhichevan ..... Azerbaijan S.S.R., U.S.S.R. (39.2000)	39 12 .. N (39.2000)	45 24 .. E ( 45.4000)	...	MOS
NAKO	R Nairobi ..... Kenya ( 1.2739)	1 16 26.2 S ( 1.2739)	36 48 13.2 E ( 36.8037)	1692.0	SRO
(NAL)	see international code NAA				
NAM	Nomongan ..... Uzbek S.S.R., U.S.S.R. (40.9833)	40 59 .. N (40.9833)	71 40 .. E ( 71.6667)	...	MOSR
NAN	C Nanjing (Nanking) ..... Jiangsu, China (Mainland) (32.0633)	32 03 48.0 N (32.0633)	118 47 00.0 E (118.7833)	10.0	BJI

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
NAO	D Norsar Array Site 01A00 ..... Norway opened 1971.	60 49 25.4 N (60.8237)	10 49 56.5 E ( 10.8324)	379.0	NAO
NAP	C Napay ..... Tajik S.S.R., U.S.S.R.	41 43 .. N (41.7167)	70 07 .. E ( 70.1167)	...	
NAR	Naro ..... Nara, Honshu, Japan	34 41 .. N (34.6833)	135 50 .. E (135.8333)	105.0	JMA
NAS	Nosanga ..... Fiji opened 196507.	16 32 12.0 S (16.5367)	179 17 56.0 E (179.2989)	76.0	PAL
NAT	C Natal ..... Rio Grande do Norte, Brazil	5 52 04.1 S ( 5.8678)	35 17 04.2 W ( 35.2845)	50.0	WWSS
NATN	Natchez Trace State Park ..... Tennessee, U.S.A. opened 19850327.	35 51 21.6 N (35.8560)	88 14 24.0 W ( 88.2400)	198.0	TVA
NAU	Nanutarro ..... Western Australia, Australia opened 19800419.	22 32 39.0 S (22.5442)	115 30 00.0 E (115.5000)	80.0	AUST
NAV	Norrows ..... Virginia, U.S.A. 1968-1968; reopened 197710. (Alternate Abbreviation for NB-MN)	37 19 00.0 N (37.3167)	80 47 35.0 W ( 80.7931)	610.0	BLA USTN
NB- NB-MN	C North Branch ..... Minnesota, U.S.A.	45 31 58.0 N (45.5328)	92 50 51.0 W ( 92.8475)	259.0	LRSN
NB2	D Norsar Array Site 02B00 ..... Norway opened 1971.	61 02 23.0 N (61.0397)	11 12 53.1 E ( 11.2147)	717.0	NAO
NB3	CD Norsar Array Site 03B00 ..... Norway 1971-19761001.	60 54 46.8 N (60.9130)	11 16 10.5 E ( 11.2696)	529.0	NAO
NB4	CD Norsar Array Site 04B00 ..... Norway 1971-19761001.	60 40 25.7 N (60.6738)	11 11 17.2 E ( 11.1881)	239.0	NAO
NB5	CD Norsar Array Site 05B00 ..... Norway 1971-19761001.	60 37 20.6 N (60.6224)	10 50 12.7 E ( 10.8369)	428.0	NAO
NB6	CD Norsar Array Site 06B00 ..... Norway 1971-19761001.	60 43 48.1 N (60.7300)	10 27 32.1 E ( 10.4589)	630.0	NAO
NB7	CD Norsar Array Site 07B00 ..... Norway 1971-19761001.	60 55 11.9 N (60.9200)	10 27 56.8 E ( 10.4658)	759.0	NAO
NBG	Las Nubes ..... Guatemala	14 35 15.0 N (14.5875)	90 20 48.0 W ( 90.3467)	2200.0	GCG
NBH	C North Bay ..... Hawaii, Hawaii, U.S.A. 19640312-19680705. HVO code NGY.	19 29 42.0 N (19.4950)	155 34 48.0 W (155.5800)	1221.0	HVO
NB0	D Norsar Array Site 01B00 ..... Norway opened 1971.	61 01 50.7 N (61.0307)	10 46 38.6 E ( 10.7774)	529.0	NAO
(NBP) NBPM	see international code NBPM Berryessa Peak ..... Napa County, California, U.S.A. opened 19740510. MNLO code NBP.	38 40 04.1 N (38.6678)	122 11 35.9 W (122.1933)	67.0	MNLO
(NBR) NBRM	see international code BBR (Alternate Abbreviation for BBR)				
NC2	D Norsar Array Site 02C00 ..... Norway opened 1971.	61 16 50.4 N (61.2807)	10 50 07.4 E ( 10.8354)	847.0	NAO
NC3	D Norsar Array Site 03C00 ..... Norway opened 1971.	61 15 42.1 N (61.2617)	11 24 50.9 E ( 11.4141)	366.0	NAO
NC4	D Norsar Array Site 04C00 ..... Norway opened 1971.	61 04 44.6 N (61.0791)	11 43 07.9 E ( 11.7189)	522.0	NAO
NC5	D Norsar Array Site 05C00 ..... Norway opened 1971.	60 56 48.5 N (60.9468)	11 48 01.3 E ( 11.8004)	425.0	NAO
NC6	CD Norsar Array Site 06C00 ..... Norway 1971-19761001.	60 44 50.3 N (60.7473)	11 27 30.2 E ( 11.4584)	321.0	NAO
NC7	CD Norsar Array Site 07C00 ..... Norway 1971-19761001.	60 27 19.2 N (60.4553)	11 29 55.6 E ( 11.4988)	221.0	NAO
NC8	CD Norsar Array Site 08C00 ..... Norway 1971-19761001.	60 28 32.1 N (60.4756)	11 05 12.4 E ( 11.0868)	480.0	NAO
NC9	CD Norsar Array Site 09C00 ..... Norway 1971-19761001.	60 24 33.8 N (60.4094)	10 36 13.6 E ( 10.6038)	478.0	NAO
(NCD) NCDM	see international code CRD (Alternate Abbreviation for CRD)				
NCE	C NASA Cotopoxi ..... Ecuador 1977-1982.	0 39 40.0 S ( 0.6611)	78 29 50.0 W ( 78.4972)	3834.0	OUI
(NCF) NCFM	see international code NCFM Canfield Road ..... Sonoma County, California, U.S.A. opened 19700814. MNLO code NCF.	38 19 16.7 N (38.3213)	122 47 43.8 W (122.7955)	98.0	MNLO

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
NCJ	R	New Castle Jamaica opened 19760201.	18 04 30.0 N (18.0750)	76 43 08.4 W ( 76.7190)	1142.0	TRN
NCM		Ninemile Creek Montana, U.S.A. opened 19830615.	47 10 48.6 N (47.1802)	114 33 57.0 W (114.5658)	1183.0	BUT
NCO	CD	Norsar Array Site 01C00 Norway 1971-19761001.	61 20 13.4 N (61.3371)	10 35 08.2 E ( 10.5856)	974.0	NAO
NCS	C	Nuevo Concepcion El Salvador (Alternate Abbreviation for ND-CL)	14 06 05.4 N (14.1015)	89 10 46.2 W ( 89.1795)	290.0	SSS
ND-CL	C	Needles San Bernardino County, California, U.S.A. 19630417-19630607; 19680411-19680426.	34 35 57.0 N (34.5992)	115 33 05.0 W (115.5514)	366.0	LRSN
NDA	R	Nedlands Western Australia, Australia opened 1976?	31 58 30.0 S (31.9750)	115 49 00.0 E (115.8167)	8.0	
NDE		Ndeloikoro Fiji opened 198112.	16 35 09.7 S (16.5860)	179 19 03.4 E (179.3176)	941.0	SVA
NDF		Nadi (Nondi) Fiji opened 19710805.	17 45 24.8 S (17.7569)	177 27 00.1 E (177.4500)	30.0	WEL
(NDH)		see international code NDHM				
NDHM		Dunnigan Hills Yolo County, California, U.S.A. MNLO code NDH.	38 45 55.8 N (38.7655)	121 54 45.0 W (121.9125)	69.0	MNLO
NDI		New Delhi (Delhi) Delhi, India opened 196010. WWSS opened 19630415.	28 41 .. N (28.6833)	77 13 .. E ( 77.2167)	230.0	NDI WWSS
NEA		Nenana Central Alaska, Alaska, U.S.A. opened 197108.	64 34 37.8 N (64.5772)	149 04 37.8 W (149.0772)	365.0	GIA
NEC		Neuchatel Switzerland opened 198006.	47 00 22.8 N (47.0063)	6 56 55.2 E ( 6.9487)	600.0	ZUR
NED		Newark Delaware, U.S.A. opened 19701119.	39 42 15.2 N (39.7042)	75 42 29.5 W ( 75.7082)	47.0	NED
NEI		Neipperg Baden-Wurttemberg, Fed. Rep. of Germany (49.1083)	49 06 30.0 N (49.1083)	9 02 30.0 E ( 9.0417)	268.0	
NEIS	F	USGS National Earthquake Information Service				
NEL	C	Nelson Nevada, U.S.A. 196310-1981?	35 42 44.0 N (35.7122)	114 50 37.0 W (114.8436)	1061.0	SAND
NEM		Nemuro Nemuro, Hokkaido, Japan moved 193001.	43 19 42.0 N (43.3283)	145 35 12.0 E (145.5867)	26.0	JMA
NEU	CD	Neuchatel Switzerland opened 1911.	46 59 50.4 N (46.9973)	6 57 26.4 E ( 6.9573)	487.0	ZUR
NEV		Hard Times Estate Nevis, Saint Christopher-Nevis opened 19800709.	17 08 10.0 N (17.1361)	62 34 15.6 W ( 62.5710)	244.0	TRN
NEW		Newport Washington, U.S.A. opened 196606.	48 15 48.0 N (48.2633)	117 07 12.0 W (117.1200)	760.0	NEIS USTN
NEZ	R	North Egmont North Island, New Zealand opened 19850417.	39 16 22.0 S (39.2728)	174 05 46.0 E (174.0961)	920.0	WEL
(NFI)		see international code NFIM				
NFIM		Farallon Islands San Francisco County, California, U.S.A. opened 19710505. MNLO code NFI.	37 41 53.9 N (37.6983)	123 00 00.0 W (123.0000)	107.0	MNLO
(NFR)		see international code FTR				
NFRM		(Alternate Abbreviation for FTR)				
NG-WS	C	(Alternate Abbreviation for NG-WS)				
NGA		Niagara Wisconsin, U.S.A. 19611119-19620526; 19621013-19630604.	45 45 27.0 N (45.7575)	88 08 57.0 W ( 88.1492)	396.0	LRSN
NGA		Ngaloa Fiji opened 198101.	18 11 43.0 S (18.1953)	177 59 31.0 E (177.9919)	305.0	SVA
NGC	R	N'Gaoundere Cameroon opened 19820212	7 15 42.0 N ( 7.2617)	13 34 06.0 E ( 13.5683)	1100.0	QMB
NGH		National Guard Hawaii, Hawaii, U.S.A. opened 19730614. HVO code NAG.	19 42 07.2 N (19.7020)	155 01 43.2 W (155.0287)	18.0	HVO
(NGH)		see international code NGHE				
NGHE	R	Neginahata Shizuoka, Honshu, Japan opened 197712. ERIJ code NGH	34 48 44.0 N (34.8122)	138 49 41.2 E (138.8281)	160.0	ERIJ
NGJ	U	Na-gawa Nagano, Honshu, Japan 19700508-197303.	36 07 58.8 N (36.1330)	137 43 15.0 E (137.7208)	858.0	ERIJ
NGL	C	North Gasline Kenai Peninsula, Alaska, U.S.A. 19740926-19760325.	60 49 15.0 N (60.8208)	149 59 53.4 W (149.9982)	122.0	AGS

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
NGN	Nagano ..... Nagano, Honshu, Japan	36 39 36.0 N (36.6600)	138 11 48.0 E (138.1967)	418.0	JMA
NGO	Nago ..... Ryukyu Islands, Japan opened 197407.	26 35 42.0 N (26.5950)	127 58 24.0 E (127.9733)	7.0	JMA
NGS	Nagasaki ..... Nagasaki, Kyushu, Japan moved 195603.	32 43 54.0 N (32.7317)	129 52 12.0 E (129.8700)	27.0	JMA
NGT	Nagatsuro (Irozaki) ..... Shizuoka, Honshu, Japan	34 36 00.0 N (34.6000)	138 50 48.0 E (138.8467)	55.0	JMA
(NGV)	see international code GVR				
NGVM	(Alternate Abbreviation for GVR)				
NGY	F Nagayo University, Japan				
(NGY)	see international code NBH				
NGZ	Ngauruhoe ..... North Island, New Zealand opened 197607.	39 10 38.0 S (39.1772)	175 36 02.0 E (175.6006)	1400.0	WEL
NHA	Nho Trang ..... Vietnam 195706-19710831; reopened 1976. WWSS 19620613-19710831.	12 12 36.0 N (12.2100)	109 12 42.0 E (109.2117)	5.0	PLV WWSS
NHB	C National Naval Medical Center ..... Maryland, U.S.A. 1962-1972. see international code NHBM	39 00 05.6 N (39.0016)	77 05 01.3 W ( 77.0837)	91.0	NEIS
(NHB)					
NHBM	Healdsburg ..... Sonoma County, California, U.S.A. opened 19750221. MNLO code NHB.	38 35 21.5 N (38.5893)	122 54 32.4 W (122.9090)	165.0	MNLO
NHC	C New Haven (Yale) ..... Connecticut, U.S.A. opened 1925.	41 19 .. N (41.3167)	72 54 .. W ( 72.9000)	11.0	
NHF	Nausori Highlands ..... Fiji	17 48 30.0 S (17.8083)	177 35 48.0 E (177.5967)	457.0	PAL
NHIL	New Haven ..... Illinois, U.S.A.	37 55 37.0 N (37.9269)	88 10 15.0 W ( 88.1708)	134.0	SLM
NHM	C Niihama ..... Ehime, Shikoku, Japan see international code HMR (Alternate Abbreviation for HMR)	33 57 .. N (33.9500)	133 15 .. E (133.2500)	...	
(NHM)					
NHMM					
NHS	C North Hampton ..... South Carolina, U.S.A. 19740520-1980.	33 04 18.0 N (33.0717)	79 45 20.0 W ( 79.7556)	...	USGS
NIA	C Norfolk Island ..... Norfolk Island, Australia 196912-19770528.	29 02 30.0 S (29.0417)	167 57 36.0 E (167.9600)	130.0	AUST
NIB	R Nibetsu ..... Akita, Honshu, Japan opened 196905.	39 48 12.0 N (39.8033)	140 16 06.0 E (140.2683)	243.0	TOH
NIE	Niedzica ..... Poland	49 25 25.0 N (49.4236)	20 19 19.0 E ( 20.3219)	555.0	WAR
NII	Niigata ..... Niigata, Honshu, Japan moved 193901.	37 54 36.0 N (37.9100)	139 03 06.0 E (139.0517)	2.0	JMA
NIIJ	Niigata Outpost ..... Niigata, Honshu, Japan opened 1978.	37 14 24.0 N (37.2400)	139 00 06.0 E (139.0017)	130.0	JMA
NIK	C Nikolski ..... Aleutian Islands, Alaska, U.S.A. opened 19710517.	52 58 27.5 N (52.9743)	168 51 10.8 W (168.8530)	207.0	PMR
NIL	Nilore ..... Pakistan opened 19690601.	33 39 00.0 N (33.6500)	73 15 06.0 E ( 73.2517)	536.0	QUE WWSS
NIN	C Ninilchik One ..... Kenai Peninsula, Alaska, U.S.A. 19710828-19720824.	60 00 40.0 N (60.0111)	151 32 08.0 W (151.5356)	110.0	AGS
NIS	R Nissan Island ..... Bougainville Island, Papua New Guinea opened 19710801.	4 31 48.0 S ( 4.5300)	154 14 18.0 E (154.2383)	10.0	RAB
NIU	C Niukote ..... Tonga	21 09 36.0 S (21.1600)	175 17 24.0 W (175.2900)	15.0	PAL
NIZ	Nizhne-Angorsk ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	55 47 .. N (55.7833)	109 33 .. E (109.5500)	...	MOSR
NJ2	Nonjing ..... Jiangsu, China (Mainland)	32 03 06.0 N (32.0517)	118 51 16.0 E (118.8544)	45.0	BJI
NJJ	C Nii-shima (Nii-jima) ..... Bonin Islands, Japan	34 22 .. N (34.3667)	139 15 .. E (139.2500)	50.0	
NJW	Norris Junction ..... Wyoming, U.S.A. opened 197210. MNLO code YPNJ.	44 43 49.2 N (44.7303)	110 41 34.8 W (110.6930)	2290.0	MNLO
NKA	Nikiskho ..... Kenai Peninsula, Alaska, U.S.A. opened 19710910.	60 44 35.0 N (60.7431)	151 14 17.0 W (151.2381)	100.0	AGS
NKE	C Nake ..... Ryukyu Islands, Japan	28 23 .. N (28.3833)	129 30 .. E (129.5000)	...	
NKI	C Nikolski ..... Aleutian Islands, Alaska, U.S.A. closed 19850226.	52 56 33.4 N (52.9426)	168 51 26.5 W (168.8574)	8.0	PMR USTN
NKL	Nikoloevsk-na-Amure ..... Khabarovskiy Krai, R.S.F.S.R., U.S.S.R. location uncertain.	53 08 .. N (53.1333)	140 44 .. E (140.7333)	...	MOSR

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
NKM	Nokhla ..... Morocco opened 19731001.	35 26 53.0 N (35.4481)	5 24 36.0 W ( 5.4100)	158.0	SPGM
NKP	C New Kensington ..... Pennsylvania, U.S.A. 1939-1959.	40 33 35.0 N (40.5597)	79 45 15.0 W ( 79.7542)	251.0	
NKR	Nakanahara ..... Hirashima, Honshu, Japan opened 19701218.	34 56 30.7 N (34.9419)	132 49 26.6 E (132.8241)	391.0	ERIJ
NKS	C Nakayama Pass (Kimobetsu) ..... Shiribeshi, Hokkaido, Japan 19771110-19780820.	42 49 46.3 N (42.8295)	141 00 58.7 E (141.0163)	420.0	HSS
NKT	Nankipoo ..... Tennessee, U.S.A. opened 19740626.	35 51 00.0 N (35.8500)	89 33 14.4 W ( 89.5540)	153.0	SLM
NKY	Niksic ..... Yugoslavia opened 19821225.	42 48 46.3 N (42.8129)	18 59 53.4 E ( 18.9982)	1142.0	TTG
NL-	(Alternate Abbreviation for NL-AZ)				
NL-AZ	C Nozlini ..... Arizona, U.S.A. 19640331-19650125	35 54 05.0 N (35.9014)	109 34 10.0 W (109.5694)	1768.0	LRSM
NL2AZ	C Nozlini ..... Arizona, U.S.A. 19650210-19651004	35 48 25.0 N (35.8069)	109 37 43.0 W (109.6286)	1920.0	LRSM
NLG	Nalgonda ..... Andhra Pradesh, India opened 197404.	17 04 01.0 N (17.0669)	79 16 02.0 E ( 79.2672)	220.0	
(NLH)	see international code NLHM				
NLHM	Loke Herman ..... Solano County, California, U.S.A. MNLO code NLH.	38 07 11.4 N (38.1198)	122 08 52.2 W (122.1478)	177.0	MNLO
NLM	C Naval Ordnance Lab ..... Maryland, U.S.A. 1962-1972.	39 01 56.6 N (39.0324)	76 58 49.9 W ( 76.9805)	114.0	NEIS
(NLN)	see international code LOC				
NLNM	(Alternate Abbreviation for LOC)				
(NLT)	see international code NLY				
NLU	North Lily ..... Utah County, Utah, U.S.A. opened 198108.	39 57 17.4 N (39.9548)	112 04 30.0 W (112.0750)	2036.0	SLC
NLY	Nelyaty ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R. opened 197904. MOS code NLT.	56 29 .. N (56.4833)	115 41 .. E (115.6833)	...	MOSR
NMA	Nantucket ..... Massachusetts, U.S.A. (41.2947) ( 70.0261)	41 17 41.0 N (41.2947)	70 01 34.0 W ( 70.0261)	3.0	WES
NMC	Nine Mile Canyon ..... Inyo County, California, U.S.A. opened 19750925.	35 50 38.4 N (35.8440)	117 54 26.2 W (117.9073)	1080.0	MNLO
NMCM	(Alternate Abbreviation for NMC)				
NMD	R New Madrid ..... Missouri, U.S.A. (36.5750) ( 89.4819)	36 34 30.0 N (36.5750)	89 28 55.0 W ( 89.4819)	92.0	
NMF	R Viti Levu ..... Fiji (18.0058) (178.1600)	18 00 21.0 S (18.0058)	178 09 36.0 E (178.1600)	295.0	SVA
NMH	New Mexico Highlands ..... New Mexico, U.S.A. opened 19771015.	35 36 15.0 N (35.6042)	105 10 10.8 W (105.1697)	2026.0	
(NMH)	see international code NMHM				
NMHM	Mount Saint Helena ..... Sonoma County, California, U.S.A. opened 19770120. MNLO code NMH.	38 40 10.2 N (38.6695)	122 38 01.7 W (122.6338)	1331.0	MNLO
NMM	C New Madrid ..... Missouri, U.S.A. (36.5910) ( 89.5282)	36 35 27.6 N (36.5910)	89 31 41.4 W ( 89.5282)	...	SLM
NMN	Nosa Mountain ..... Nevado, U.S.A. opened 19781128.	37 04 51.0 N (37.0808)	116 49 05.0 W (116.8181)	1500.0	USGS
NMO	C Norman ..... Oklahoma, U.S.A. mid 1975-mid 1976.	35 12 20.2 N (35.2056)	97 26 38.4 W ( 97.4440)	354.0	TUL
NMR	R Nemuro--Hokkaido University ..... Nemuro, Hokkaido, Japan (43.3695) (145.7277)	43 22 10.3 N (43.3695)	145 43 39.7 E (145.7277)	20.0	HSS
NMS	Namosi ..... Fiji (18.0842) (178.1650)	18 05 03.0 S (18.0842)	178 09 54.0 E (178.1650)	534.0	SVA
(NMT)	see international code NMTM				
NMTM	Middletown ..... Lake County, California, U.S.A. opened 19750626. MNLO code NMT.	38 48 20.5 N (38.8057)	122 26 45.6 W (122.4460)	422.0	MNLO
(NMW)	see international code MAC				
NMWM	(Alternate Abbreviation for MAC)				
(NMX)	see international code MIX				
NMXM	(Alternate Abbreviation for MIX)				
NNA	D Nana ..... Peru (11.9876) ( 76.8421)	11 59 15.2 S (11.9876)	76 50 31.7 W ( 76.8421)	575.0	LIM WWSS IDA
NNJ	C Nakano ..... Nagano, Honshu, Japan 196807-197303.	36 44 54.9 N (36.7486)	138 23 07.1 E (138.3853)	420.0	ERIJ

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
NNK	C	Norton ..... Kansas, U.S.A. 197903-1981.	39 56 10.8 N (39.9363)	100 02 30.0 W (100.0417)	732.0	LAK
NNL		Ninilchik ..... Kenai Peninsula, Alaska, U.S.A. opened 19720824.	60 02 31.8 N (60.0422)	151 17 46.8 W (151.2963)	366.0	AGS
NNNN	F	(keyword for telegraphic transmission)				
NNT		Nong Plab ..... Thailand Opened 198211.	12 35 23.4 N (12.5898)	99 44 01.8 E ( 99.7338)	106.2	CHG
NOB		Nobeoka ..... Miyazaki, Kyushu, Japan (32.5833)	32 35 .. N (32.5833)	131 41 .. E (131.6833)	19.0	JMA
NOH		Ma'ole Noah ..... Israel (30.6890)	30 41 20.4 N (30.6890)	34 57 43.2 E ( 34.9620)	700.0	JER
NOJ	R	Nojiri ..... Kagoshima, Kyushu, Japan opened 1978.	31 33 31.0 N (31.5586)	130 38 19.0 E (130.6386)	150.0	DRI
NOL		New Orleans--Loyola ..... Louisiana, U.S.A. opened 1910.	29 56 54.0 N (29.9483)	90 07 12.0 W ( 90.1200)	2.0	
(NOL)		see international code NOLM				
NOLM		Olema ..... Marin County, California, U.S.A. opened 19770223. MNLO code NOL.	38 02 22.9 N (38.0397)	122 47 33.0 W (122.7925)	30.0	MNLO
NOM	C	Name ..... Western Alaska, Alaska, U.S.A. (64.5617)	64 33 42.0 N (64.5617)	165 23 12.0 W (165.3867)	...	
NOP		Napah Range ..... Inya County, California, U.S.A. opened 19780724.	36 07 41.0 N (36.1281)	116 09 10.0 W (116.1528)	970.0	USGS USTN
NOR	C	Nard ..... Greenland 1957-19720422. WWSS 19631113-19720422.	81 36 .. N (81.6000)	16 41 .. W ( 16.6833)	36.0	COP WWSS
NOU		Noumeo ..... New Caledonia opened 19600101.	22 18 36.0 S (22.3100)	166 27 02.0 E (166.4506)	105.0	NOU
(NOU)		see international code NOUE				
NOUE	R	Nou ..... Niigata, Honshu, Japan opened 19781101. ERIJ code NOU.	37 02 52.7 N (37.0480)	138 01 51.1 E (138.0309)	240.0	ERIJ
NOV		Navara ..... Sicily, Italy (38.0278)	38 01 40.0 N (38.0278)	15 08 12.0 E ( 15.1367)	775.0	LLI
NP-		(Alternate Abbreviation for NP-NT)				
NP-NT	C	Mould Bay ..... Northwest Territories, Canada 19630711-19700801	76 15 08.0 N (76.2522)	119 22 18.0 W (119.3717)	59.0	LRSN
NPA		Nampulo ..... Mozambique opened 19740210.	15 05 15.0 S (15.0875)	39 15 12.0 E ( 39.2533)	374.0	CNG
NPH		North Pit ..... Hawaii, Hawaii, U.S.A. opened 195807. HVO code NPT.	19 24 54.0 N (19.4150)	155 17 00.0 W (155.2833)	1115.0	HVO
NPI		North Pocatella Valley ..... Idaho, U.S.A. opened 197504.	42 08 50.4 N (42.1473)	112 31 06.0 W (112.5183)	1640.0	SLC
NPL		Naples (Napoli) ..... Campania, Italy Sent to NEIS by ROM.	40 50 48.0 N (40.8467)	14 15 28.0 E ( 14.2578)	7.0	
NPM		North Pahute Mesa ..... Nevada, U.S.A. opened 197509.	37 23 02.0 N (37.3839)	116 19 23.0 W (116.3231)	2250.0	USGS
NPN		North Pahrac Range ..... Nevada, U.S.A. opened 19790608.	37 39 10.0 N (37.6528)	114 56 13.0 W (114.9369)	1650.0	USGS
NPR	C	Napier ..... North Island, New Zealand 1953-1955.	39 30 .. S (39.5000)	176 55 .. W (176.9167)	10.0	WEL
(NPR)		see international code NPRM				
NPRM		Point Reyes ..... Marin County, California, U.S.A. MNLO code NPR.	37 59 47.4 N (37.9965)	123 00 58.8 W (123.0163)	165.0	MNLO
NPS		Neapolis ..... Crete, Greece opened 197307.	35 15 45.0 N (35.2625)	25 36 45.0 E ( 25.6125)	370.0	ATH
NPT		Nicholson Point ..... Northwest Territories, Canada opened 19810808.	69 55 37.8 N (69.9272)	128 57 46.4 W (128.9629)	60.0	OTTR
(NPT)		see international code NPH				
NPZ	C	New Plymouth ..... North Island, New Zealand 1931-1958.	39 04 00.0 S (39.0667)	174 04 24.0 E (174.0733)	34.0	WEL
NR-		(Alternate Abbreviation for NR-NB)				
NR-NB	C	Niabrara River ..... Nebraska, U.S.A. (42.8197)	42 49 11.0 N (42.8197)	101 42 04.0 W (101.7011)	975.0	LRSN
NRA	C	North River ..... Western Alaska, Alaska, U.S.A. opened 197608.	63 53 24.0 N (63.8900)	160 30 36.0 W (160.5100)	107.0	GIA
NRA0		NORESS Array Site A0 ..... Norway opened 198410.	60 44 07.1 N (60.7353)	11 32 29.0 E ( 11.5414)	302.0	NRSA USTN



Code		Station-Name, Region and Comments	Latitude	Longitude	Elev.	Networks
NRA1	R	NORESS Array Site A1 Norway opened 198410.	60 44 11.8 N (60.7366)	11 32 32.3 E ( 11.5423)	291.0	NRSA
NRA2	R	NORESS Array Site A2 Norway opened 198410.	60 44 03.8 N (60.7344)	11 32 36.2 E ( 11.5434)	311.0	NRSA
NRA3	R	NORESS Array Site A3 Norway opened 198410.	60 44 06.0 N (60.7350)	11 32 19.7 E ( 11.5388)	296.0	NRSA
NRB1	R	NORESS Array Site B1 Norway opened 198410.	60 44 17.5 N (60.7382)	11 32 33.7 E ( 11.5427)	299.0	NRSA
NRB2	R	NORESS Array Site B2 Norway opened 198410.	60 44 08.2 N (60.7356)	11 32 51.0 E ( 11.5475)	315.0	NRSA
NRB3	R	NORESS Array Site B3 Norway opened 198410.	60 43 57.4 N (60.7326)	11 32 38.4 E ( 11.5440)	314.0	NRSA
NRB4	R	NORESS Array Site B4 Norway opened 198410.	60 43 59.9 N (60.7333)	11 32 13.9 E ( 11.5372)	299.0	NRSA
NRB5	R	NORESS Array Site B5 Norway opened 198410.	60 44 12.5 N (60.7368)	11 32 11.0 E ( 11.5364)	289.0	NRSA
NRC1	R	NORESS Array Site C1 Norway opened 198410.	60 44 29.4 N (60.7415)	11 32 36.2 E ( 11.5434)	299.0	NRSA
NRC2	R	NORESS Array Site C2 Norway opened 198410.	60 44 18.2 N (60.7384)	11 33 09.0 E ( 11.5525)	339.0	NRSA
NRC3	R	NORESS Array Site C3 Norway opened 198410.	60 43 59.5 N (60.7332)	11 33 11.9 E ( 11.5533)	352.0	NRSA
NRC4	R	NORESS Array Site C4 Norway opened 198410.	60 43 45.8 N (60.7294)	11 32 42.7 E ( 11.5452)	311.0	NRSA
NRC5	R	NORESS Array Site C5 Norway opened 198410.	60 43 48.7 N (60.7302)	11 32 02.8 E ( 11.5341)	299.0	NRSA
NRC6	R	NORESS Array Site C6 Norway opened 198410.	60 44 05.6 N (60.7349)	11 31 43.7 E ( 11.5288)	303.0	NRSA
NRC7	R	NORESS Array Site C7 Norway opened 198410.	60 44 24.7 N (60.7402)	11 31 59.5 E ( 11.5332)	275.0	NRSA
NRD	C	Noerdlingen Bayern, Fed. Rep. of Germany 1912-1931.	48 51 .. N (48.8500)	10 29 .. E ( 10.4833)	432.0	FUR
NRD1	R	NORESS Array Site D1 Norway opened 198410.	60 44 55.0 N (60.7486)	11 32 41.6 E ( 11.5449)	305.0	NRSA
NRD2	R	NORESS Array Site D2 Norway opened 198410.	60 44 39.8 N (60.7444)	11 33 41.8 E ( 11.5616)	372.0	NRSA
NRD3	R	NORESS Array Site D3 Norway opened 198410.	60 44 09.6 N (60.7360)	11 34 08.0 E ( 11.5689)	453.0	NRSA
NRD4	R	NORESS Array Site D4 Norway opened 198410.	60 43 37.9 N (60.7272)	11 33 47.9 E ( 11.5633)	379.0	NRSA
NRD5	R	NORESS Array Site D5 Norway opened 198410.	60 43 30.4 N (60.7251)	11 32 51.4 E ( 11.5476)	348.0	NRSA
NRD6	R	NORESS Array Site D6 Norway opened 198410.	60 43 23.9 N (60.7233)	11 31 44.0 E ( 11.5289)	352.0	NRSA
NRD7	R	NORESS Array Site D7 Norway opened 198410.	60 43 48.7 N (60.7302)	11 30 58.3 E ( 11.5162)	337.0	NRSA
NRD8	R	NORESS Array Site D8 Norway opened 198410.	60 44 20.4 N (60.7390)	11 31 00.5 E ( 11.5168)	301.0	NRSA
NRD9	R	NORESS Array Site D9 Norway opened 198410.	60 44 47.8 N (60.7466)	11 31 35.8 E ( 11.5266)	278.0	NRSA
NRE0	R	NORESS Array Site E0 Norway opened 198410.	60 44 07.1 N (60.7353)	11 32 29.4 E ( 11.5415)	247.0	NRSA
NRI		Noril'sk Krasnoyarskiy Krai, R.S.F.S.R., U.S.S.R. opened 1973?	69 24 .. N (69.4000)	88 06 .. E ( 88.1000)	40.0	MOS
NRJ	R	Nirehora Toyama, Honshu, Japan opened 19741129.	36 30 47.9 N (36.5133)	137 14 18.3 E (137.2384)	220.0	DR1
NRK	C	Nurek Tajik S.S.R., U.S.S.R.	38 24 .. N (38.4000)	69 20 .. E ( 69.3333)	...	
NRL	C	Naval Research Laboratory District of Columbia, U.S.A. 1953-1972.	38 50 .. N (38.8333)	77 05 .. W ( 77.0833)	...	NEIS

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
NRM	C	North Roinier Mesa ..... Nevado, U.S.A. 197509-1981?	37 16 28.0 N (37.2744)	116 12 20.0 W (116.2056)	2210.0	USGS
(NRM)		see international code NRME				
(NRM)		see international code NRMH				
NRME	R	Noramoto ..... Shizuoka, Honshu, Japan opened 19760211. ERIJ code NRM.	34 49 35.7 N (34.8266)	139 03 52.1 E (139.0645)	200.0	ERIJ
NRMH	R	Kita-Gairin ..... Iburi, Hokkaido, Japan opened 19770906. HSS code NRM.	42 32 52.5 N (42.5479)	140 50 21.0 E (140.8392)	484.0	HSS
NRMS		Noranda ..... Missouri, U.S.A.	36 29 13.2 N (36.4870)	89 35 16.8 W ( 89.5880)	...	SLM
NRN		Naryn ..... Kirghiz S.S.R., U.S.S.R.	41 26 .. N (41.4333)	76 00 .. E ( 76.0000)	2849.0	MOS
NRR		North Reno ..... Nevado, U.S.A. opened 19640409.	39 34 19.2 N (39.5720)	119 50 56.4 W (119.8490)	1634.0	REN
NRSA	F	NORESS Array, Kjeller, Norway				
NRT	C	Northfield ..... Vermont, U.S.A.	44 10 .. N (44.1667)	72 41 .. W ( 72.6833)	256.0	
NRY	R	Nirayama ..... Shizuoka, Honshu, Japan	35 03 35.6 N (35.0599)	138 57 46.1 E (138.9628)	-91.0	CDPJ
NSC		North Stonington ..... Connecticut, U.S.A. opened 19770627.	41 28 50.7 N (41.4807)	71 51 05.7 W ( 71.8516)	110.0	WES
(NSH)		see international code NSHM				
NSHM		Saint Helena Road ..... Sonoma County, California, U.S.A. opened 19700814. MNLO code NSH.	38 31 12.0 N (38.5200)	122 36 25.9 W (122.6072)	328.0	MNLO
NSI	R	Nishiizu ..... Shizuoka, Honshu, Japan opened 197904	34 47 13.2 N (34.7870)	138 48 14.4 E (138.8040)	-422.0	CDPJ
NSLM		New Salem ..... Texas, U.S.A.	31 58 30.0 N (31.9750)	94 57 28.8 W ( 94.9580)	...	ATX
(NSP)		see international code SNT				
NSPM	R	(Alternate Abbreviation for SNT)				
NST		Nakhan Sowan ..... Thailand opened 198209.	15 40 21.6 N (15.6727)	100 07 58.8 E (100.1330)	34.0	CHG
NSTOP	F	(keyword for telegraphic format)				
NSU		North Stansbury ..... Tooele County, Utah, U.S.A. opened 197610.	40 54 29.4 N (40.9082)	112 30 21.6 W (112.5060)	1422.0	SLC
NSW	R	Nakanosawa ..... Nagano, Honshu, Japan opened 195706.	36 24 02.0 N (36.4006)	138 34 11.0 E (138.5697)	1381.0	ERIJ
NT-		(Alternate Abbreviation for NT-NV)				
NT-NV	C	Nevada Test Site ..... Nevada, U.S.A.	37 16 33.0 N (37.2758)	116 25 06.0 W (116.4183)	1987.0	LRSM
NT2		(Alternate Abbreviation for NT2NV)				
NT2NV	C	Nevada Test Site ..... Nevada, U.S.A.	37 15 12.0 N (37.2533)	116 17 09.0 W (116.2858)	2185.0	LRSM
NTA		Nevada Test Site Array ..... Nevada, U.S.A.	37 16 42.0 N (37.2783)	116 26 12.0 W (116.4367)	1996.0	
(NTB)		see international code NTB				
NTBM		Tamates Bay ..... Marin County, California, U.S.A. MNLO code NTB.	38 14 52.2 N (38.2478)	122 55 51.6 W (122.9310)	128.0	MNLO
NTI	C	Ordman ..... Idaho, U.S.A. 19670827-19751208.	48 37 48.0 N (48.6300)	116 57 48.0 W (116.9633)	823.0	NEIS
NTK	C	Nunatak ..... Southeastern Alaska, Alaska, U.S.A. 19740909-19751031.	59 52 39.6 N (59.8777)	139 02 06.6 W (139.0352)	1050.0	AGS
(NTM)		see international code NTMM				
NTMM		Taylor Mountain ..... Sonoma County, California, U.S.A. opened 19700814. MNLO code NTM.	38 23 08.9 N (38.3858)	122 40 49.8 W (122.6805)	105.0	MNLO
NTP		Nathian ..... Pakistan opened 1974?	34 19 37.8 N (34.3272)	72 23 09.0 E ( 72.3858)	686.0	PAL
(NTP)		see international code NTPM				
NTPM		Mount Tamalpais ..... Marin County, California, U.S.A. MNLO code NTP.	37 55 12.0 N (37.9200)	122 33 46.8 W (122.5630)	274.0	MNLO
NUE		Niue ..... Cook Islands opened 19730419.	19 04 35.0 S (19.0764)	169 55 41.0 W (169.9281)	56.0	WEL
NUK		Nukualofa ..... Tonga opened 19830905. Sent to NEIS by SVA.	21 07 55.2 S (21.1320)	175 12 25.2 W (175.2070)	10.0	INY
(NUK)		see international code NUKS				
NUKS	R	Nukus ..... Uzbek S.S.R., U.S.S.R. MOS code NUK.	42 30 .. N (42.5000)	59 54 .. E ( 59.9000)	...	MOSR
NUM	C	Numazu ..... Shizuoka, Honshu, Japan	35 06 .. N (35.1000)	138 51 .. E (138.8500)	6.0	

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
NUR	D Nurmijarvi ..... Finland opened 1957. WWSS opened 19620731.	60 30 32.4 N (60.5090)	24 39 05.1 E ( 24.6514)	102.0	HEL WWSS
NUT	Nurata ..... Uzbek S.S.R., U.S.S.R.	40 33 .. N (40.5500)	65 41 .. E ( 65.6833)	...	MOSR
NV1	C North Anna ..... Virginia, U.S.A. opened 197401.	38 03 42.6 N (38.0618)	77 47 13.2 W ( 77.7870)	...	BLA
NV2	C North Anna ..... Virginia, U.S.A. opened 197401.	38 03 46.2 N (38.0628)	77 51 01.2 W ( 77.8503)	...	BLA
NV3	C North Anna ..... Virginia, U.S.A. opened 197401.	38 05 54.0 N (38.0983)	77 48 33.6 W ( 77.8093)	...	BLA
NV4	C North Anna ..... Virginia, U.S.A. opened 197401.	38 01 36.6 N (38.0268)	77 46 51.0 W ( 77.7808)	...	BLA
NV5	C North Anna ..... Virginia, U.S.A. opened 197401.	38 03 13.2 N (38.0537)	77 44 11.4 W ( 77.7365)	...	BLA
NV6	C North Anna ..... Virginia, U.S.A. opened 197401.	38 05 28.8 N (38.0913)	77 46 41.4 W ( 77.7782)	...	BLA
NV7	C North Anna ..... Virginia, U.S.A. opened 197401.	38 01 21.6 N (38.0227)	77 51 25.2 W ( 77.8570)	...	BLA
NVL	Novolazarevskaya ..... Greater Antarctica, Antarctica	70 46 .. S (70.7667)	11 50 .. E ( 11.8333)	87.0	MOS
NVS	Novosibirsk ..... Novosibirskoye Oblast, R.S.F.S.R., U.S.S.R.	54 54 .. N (54.9000)	83 18 .. E ( 83.3000)	...	MOS
NW2	D New River ..... Imperial County, California, U.S.A. opened 197612. PAS code NWR.	33 05 25.8 N (33.0905)	115 41 32.3 W (115.6923)	-68.0	PAS
NWA	Narragin ..... Western Australia, Australia opened 19760213.	32 55 37.0 S (32.9269)	117 14 02.0 E (117.2339)	365.0	AUST
NWAO	D Narragin ..... Western Australia, Australia opened 19760213. SP modified SRO response.	32 55 37.0 S (32.9269)	117 14 02.0 E (117.2339)	265.0	AUST SRO
NWR	R Narrow River ..... Idaho, U.S.A.	42 05 55.2 N (42.0987)	113 26 12.0 W (113.4367)	1646.0	SLCI
(NWR)	see international code NW2				
(NWR)	see international code NWRM				
NWRM	Wright Ranch ..... Sonoma County, California, U.S.A. opened 19700814. MNLO code NWR.	38 27 25.2 N (38.4570)	122 53 15.7 W (122.8877)	50.0	MNLO USTN
NYA	C Nyalo ..... Sudan 19800417-1982.	12 02 51.0 N (12.0475)	24 54 08.0 E ( 24.9022)	651.0	QMB
NYC	C Charley ..... Nevada, U.S.A. 197101-197301. MNLO code NYCH. see international code NYC	37 09 18.0 N (37.1550)	116 09 19.2 W (116.1553)	1695.0	MNLO
(NYCH)	see international code NYC				
NYJ	C Joshua Tree ..... Nevada, U.S.A. 197101-197301. MNLO code NYJT.	37 00 28.8 N (37.0080)	115 58 28.8 W (115.9747)	1286.0	MNLO
(NYJT)	see international code NYJ				
NYK	R Nykoeping ..... Sweden opened 198001	58 55 26.4 N (58.9240)	17 05 27.6 E ( 17.0910)	33.0	HFS
NYM	C Climax Mine ..... Nevada, U.S.A. 97101-197301. MNLO code NYMC. see international code NYM	37 13 52.8 N (37.2313)	116 03 08.4 W (116.0523)	1603.0	MNLO
(NYMC)	see international code NYM				
NYR	C Receiver Site ..... Nevada, U.S.A. 197101-197301. MNLO code NYRS. see international code NYR	37 03 19.2 N (37.0553)	116 05 30.0 W (116.0917)	1279.0	MNLO
(NYRS)	see international code NYR				
NYS	C Syncline Ridge ..... Nevada, U.S.A. 197101-197301. MNLO code NYSR. see international code NYS	37 01 57.0 N (37.0325)	116 10 07.8 W (116.1688)	1509.0	MNLO
(NYSR)	see international code NYS				
NYV	C Vern ..... Nevada, U.S.A. 197101-197301. MNLO code NYVN. see international code NYV	37 06 46.2 N (37.1128)	115 59 24.0 W (115.9900)	1442.0	MNLO
(NYVN)	see international code NYV				
NZJ	Naze ..... Ryukyu Islands, Japan opened 19730401.	28 22 36.0 N (28.3767)	129 29 54.0 E (129.4983)	4.0	JMA
06A	R East Barbuda O.B.S. .... Antigua and Barbuda (Alternate Abbreviation for OA-IS)	17 47 31.2 N (17.7920)	61 01 19.2 W ( 61.0220)	-496.0	TRN
OA-					
OA-IS	C Oahu Island ..... Oahu, Hawaii, U.S.A. 19620330-19620803; 19620929-19621105.	21 27 27.0 N (21.4575)	157 59 47.0 W (157.9964)	183.0	LRSM
OAK	C Oakfield ..... New York, U.S.A. 197109-197411.	43 03 25.2 N (43.0570)	78 20 13.8 W ( 78.3372)	259.0	PAL

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
OAQ	Observatorio Astronomico de Quito Ecuador opened 197803.	0 12 58.0 S ( 0.2161)	78 29 57.0 W ( 78.4992)	2819.0	QUI
OAS	Oasis Antofagasta, Chile opened 198212?	23 12 02.0 S (23.2006)	69 42 50.0 W ( 69.7139)	1340.0	SAN
OAX	Oaxaca Oaxaca, Mexico	17 01 13.0 N (17.0203)	96 45 46.0 W ( 96.7628)	1570.0	UNM
OB-NV	C Oak Springs Butte Nevada, U.S.A. 19700227-19700505; 19700825-19710816.	37 14 09.0 N (37.2358)	116 03 09.0 W (116.0525)	1731.0	LRSN
OB2NV	C Oak Springs Butte Nevada, U.S.A.	37 13 31.0 N (37.2253)	116 03 28.0 W (116.0578)	1542.0	LRSN
OB3NV	C Oak Springs Butte Nevada, U.S.A.	37 13 57.0 N (37.2325)	116 03 15.0 W (116.0542)	1609.0	LRSN
OBA	C Oasis Bungere Greater Antarctica, Antarctica	66 10 .. S (66.1667)	100 44 .. E (100.7333)	24.0	
OBBS	D Obsidian Butte Imperial County, California, U.S.A. opened 197304.	33 10 02.4 N (33.1673)	115 38 12.0 W (115.6367)	-59.0	PAS
OBG	Obigarm Tajik S.S.R., U.S.S.R.	38 43 .. N (38.7167)	69 43 .. E ( 69.7167)	1350.0	MOSR
(OBH)	see international code OBHM				
OBHM	Bloamer Hill Butte County, California, U.S.A. opened 19750906. MNLO code OBH.	39 39 06.1 N (39.6517)	121 27 42.1 W (121.4617)	914.0	MNLO
OBH	Obihiro Takachi, Hokkaido, Japan	42 55 12.0 N (42.9200)	143 13 18.0 E (143.2217)	40.0	JMA
OBK	C Oberlin Kansas, U.S.A. 197903-1981.	39 55 43.8 N (39.9288)	100 26 19.8 W (100.4388)	792.0	LAK
OBM	C Ulan Bator Mongolia	47 55 .. N (47.9167)	106 54 .. E (106.9000)	...	
OBNS	D Obninsk Kaluzhskaya Oblast, R.S.F.S.R., U.S.S.R.	55 10 .. N (55.1667)	36 36 .. E ( 36.6000)	...	MOS
OBO	Obock Djibouti opened 1976	11 59 12.8 N (11.9869)	43 17 33.0 E ( 43.2925)	50.0	ARO
OBS	C Ocean Bottom Seismometer California, U.S.A. 1966-1972.	38 05 31.2 N (38.0920)	124 32 38.4 W (124.5440)	3840.0	PAL
(OBS169)	see international code GB01				
(OBS170)	see international code GB02				
(OBS171)	see international code GB03				
(OBS173)	see international code GB04				
(OBS174)	see international code GB05				
(OBS175)	see international code GB06				
(OBS176)	see international code GB07				
(OBS177)	see international code GB08				
OBZ	Oban Stewart Island, New Zealand opened 19760917.	46 54 18.0 S (46.9050)	168 06 55.0 E (168.1153)	26.0	WEL
OCA	Owens Crossroads Alabama, U.S.A.	34 36 49.7 N (34.6138)	86 26 06.7 W ( 86.4352)	250.0	ATL
OCG	Ocas Guatemala Opened 1984.	14 33 55.8 N (14.5655)	92 07 18.0 W ( 92.1217)	8.0	GCG
(OCH)	see international code OCHM				
OCHM	Cahasset Ridge Butte County, California, U.S.A. opened 19761217. MNLO code OCH.	39 52 32.9 N (39.8758)	121 45 55.8 W (121.7655)	530.0	MNLO
OCN	C Over Castle Rock New York, U.S.A. 197407-197907.	43 53 05.4 N (43.8848)	74 31 45.6 W ( 74.5293)	701.0	PAL
OCO	Oklahoma City Oklahoma, U.S.A. opened 19820521.	35 31 26.4 N (35.5240)	97 28 26.4 W ( 97.4740)	351.0	TUL
OCR	O'Connell Ranch San Benito County, California, U.S.A. opened 19670626. MNLO code HOR.	36 55 01.8 N (36.9172)	121 30 27.6 W (121.5077)	98.0	MNLO
ODB	Odobesti Romania opened 1979.	45 46 29.0 N (45.7747)	27 03 22.0 E ( 27.0561)	140.0	BUK
ODD	Odda Norway opened 198411.	59 57 00.0 N (59.9500)	6 40 01.2 E ( 6.6670)	630.0	BER
ODS	Odessa Washington, U.S.A. opened 196903.	47 18 24.0 N (47.3067)	118 44 42.0 W (118.7450)	524.0	SEA
(ODS)	see international code ODSE				
ODSE	R Oniashidashi Gumma, Hanshu, Japan opened 196210. ERIJ code ODS.	36 25 19.0 N (36.4219)	138 31 19.0 E (138.5219)	1710.0	ERIJ
OFA	Oficina Alemania Antofagasta, Chile opened 1975.	25 09 09.0 S (25.1525)	69 57 00.0 W ( 69.9500)	1000.0	SAN
OFB	Ocean Falls British Columbia, Canada opened 19820727.	52 21 14.4 N (52.3540)	127 41 03.6 W (127.6843)	75.0	OTTR

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
OFD	Oued Fodda ..... Algeria ..... (36.0667) ( 1.6000)	36 04 .. N	1 36 .. E	377.0	ALG
OFU	Ofunoto ..... Iwate, Honshu, Japan ..... (39.0617) (141.7183)	39 03 42.0 N	141 43 06.0 E	38.0	JMA
OFUJ	Ofunoto Outpost ..... Iwate, Honshu, Japan ..... opened 1978. (39.0800) (141.6683)	39 04 48.0 N	141 40 06.0 E	180.0	JMA
OGA	Obergurgl ..... Austria ..... opened 197509. (46.8678) ( 11.0253)	46 52 04.0 N	11 01 31.0 E	1934.0	FUR
OGD	CD Ogdensburg ..... New Jersey, U.S.A. .... 1960-1981. WWSS 19611212-1981. (41.0875) ( 74.5958)	41 05 15.0 N	74 35 45.0 W	-367.0	PAL WWSS HGLP
OGE	Ogeu ..... Bearn, France ..... (43.1685) ( 0.4733)	43 10 06.6 N	0 28 23.9 W	400.0	PAR
OGH	R Ogo ..... Akita, Honshu, Japan ..... opened 196711. (39.9050) (139.7769)	39 54 18.0 N	139 46 37.0 E	354.0	TOH
(OGO)	see international code OGOM				
OGOM	Van Goodin Ranch ..... Butte County, California, U.S.A. .... opened 19761228. MNLO code OGO. (39.6537) (121.6120)	39 39 13.3 N	121 36 43.2 W	158.0	MNLO
OGU	C Ogden Bay ..... Weber County, Utah, U.S.A. .... 197509-197905. (41.2750) (111.9440)	41 16 30.0 N	111 56 38.3 W	1506.0	SLC
OHC	O'Higgins ..... Antarctic Peninsula, Antarctica ..... see international code OHCM (63.3333) ( 57.9000)	63 20 .. S	57 54 .. W	20.0	SAN
(OHC)	see international code OHCM				
OHCM	Honcut ..... Yuba County, California, U.S.A. .... opened 19750805. MNLO code OHC. (39.3357) (121.4840)	39 20 08.5 N	121 29 02.4 W	79.0	MNLO
OHD	R Ohdaira ..... Iburi, Hokkaido, Japan ..... opened 19770812. (42.5262) (140.8425)	42 31 34.4 N	140 50 32.9 E	250.0	HSS
OHH	R Osh ..... Kirghiz S.S.R., U.S.S.R. .... (40.5000) ( 72.8000)	40 30 .. N	72 48 .. E	...	MOSR
OHJ	R Ohira ..... Tachigi, Honshu, Japan ..... opened 197803. CDPJ code OHR. (36.3600) (139.6924)	36 21 36.0 N	139 41 32.6 E	250.0	CDPJ
OHM	R Omihachiman ..... Shiga, Honshu, Japan ..... opened 19750423. (35.1738) (136.0835)	35 10 25.7 N	136 05 00.6 E	120.0	KYT
OHR	Ohrid ..... Yugoslavia ..... opened 196901. (41.1114) ( 20.7989)	41 06 40.9 N	20 47 56.0 E	739.0	SKO
(OHR)	see international code OHJ				
(OHR)	see international code OHRN				
OHRN	U Oohira ..... Gifu, Honshu, Japan ..... 196905-197205. NGY code OHR. (35.4878) (137.1946)	35 29 15.9 N	137 11 40.5 E	330.0	NGY
OHS	R Orange Hill ..... Saint Vincent, St. Vincent and the Grenadines ..... (13.3170) ( 61.1480)	13 19 01.2 N	61 08 52.8 W	274.0	TRN
OHW	Oak Harbor ..... Washington, U.S.A. .... opened 19750516. (48.3233) (122.5318)	48 19 24.0 N	122 31 54.6 W	54.0	SEA
OIA	Oishiyama A ..... Wakayama, Honshu, Japan ..... opened 196909. (34.1031) (135.3201)	34 06 11.3 N	135 19 12.2 E	756.0	ERIJ
OIB	Oishiyama B ..... Wakayama, Honshu, Japan ..... 196909-19700509; reopened 19710810. (34.0998) (135.3208)	34 05 59.3 N	135 19 15.0 E	776.0	ERIJ
OIC	Oishiyama C ..... Wakayama, Honshu, Japan ..... 196909-19700509; reopened 19710810. (34.0989) (135.3167)	34 05 56.1 N	135 19 00.1 E	776.0	ERIJ
OII	Orti ..... Calabrio, Italy ..... Sent to NEIS by ROM. (38.1533) ( 15.6892)	38 09 12.0 N	15 41 21.0 E	...	MES
OIS	C Oishiyama ..... Wakayama, Honshu, Japan ..... 19660107-19711104. (34.1053) (135.3273)	34 06 19.0 N	135 19 38.4 E	678.0	ERIJ
OIT	Oita ..... Oita, Kyushu, Japan ..... (33.2333) (131.6233)	33 14 00.0 N	131 37 24.0 E	6.0	JMA
OIW	C Oiwake ..... Nagano, Honshu, Japan ..... (36.3400) (138.5517)	36 20 24.0 N	138 33 06.0 E	1001.0	
OKA	C Okayama ..... Okayama, Honshu, Japan ..... moved 194904. (34.6817) (133.9150)	34 40 54.0 N	133 54 54.0 E	5.0	JMA
OKA1	R Okayama ..... Okayama, Honshu, Japan ..... opened 1984. (34.6583) (133.9183)	34 39 30.0 N	133 55 06.0 E	17.0	JMA
OKA2	R Okayama 2 ..... Okayama, Honshu, Japan ..... opened 1984. (34.6417) (133.9517)	34 38 30.0 N	133 57 06.0 E	77.0	JMA
OKB	R Okabe ..... Shizuoka, Honshu, Japan ..... opened 197803 (34.9500) (138.2538)	34 57 00.0 N	138 15 13.7 E	-30.0	CDPJ
OKG	Oak Grove ..... Tennessee, U.S.A. .... opened 19750627. (35.6260) ( 89.8350)	35 37 33.6 N	89 50 06.0 W	129.0	SLM

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
OKH	Okha Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	53 33 .. N (53.5500)	142 56 .. E (142.9333)	24.0	SAKL
OKI	C Okijuku Ibaraki, Honshu, Japan	36 03 .. N (36.0500)	140 15 .. E (140.2500)	...	
OKN	R Okuno Shizuoka, Honshu, Japan opened 197111.	34 55 55.0 N (34.9319)	139 04 14.3 E (139.0706)	140.0	ERIJ
OKP	Oakiep Cape Province, South Africa	29 38 48.0 S (29.6467)	17 57 54.0 E ( 17.9650)	936.0	PRE
OKY	R Okuyama Yamanashi, Honshu, Japan opened 197806.	35 13 38.4 N (35.2273)	138 25 16.3 E (138.4212)	620.0	ERIJ
OLB	R Olbia Sardinia, Italy	...	...	...	
OLC	C Olema Marin County, California, U.S.A. 19661222-19770223.	38 02 23.0 N (38.0397)	122 47 33.0 W (122.7925)	30.0	MNLO
OLF	R Olafstraem Sweden opened 198001	56 18 28.8 N (56.3080)	14 28 12.0 E ( 14.4700)	118.0	HFS
OLG	R Olindepeque Guatemala	14 53 51.6 N (14.8977)	91 30 27.6 W ( 91.5077)	2855.0	GCG
OLL	C Ollague Tarapaca, Chile opened 196511.	21 10 30.0 S (21.1750)	68 22 18.0 W ( 68.3717)	4000.0	SAN
OLO	C Oolagah Oklahoma, U.S.A. 19761128-19770807.	36 27 26.1 N (36.4573)	95 42 38.8 W ( 95.7108)	196.0	TUL
OLY	Olyphant Arkansas, U.S.A. opened 19791106.	35 30 09.7 N (35.5027)	91 28 12.0 W ( 91.4700)	236.0	TEIC USTN
(OLY)	see international code OLYC				
OLYC	R Mount Olympus Riverside County, California, U.S.A. opened 198106. PAS code OLY.	33 25 52.8 N (33.4313)	117 07 03.0 W (117.1175)	482.0	PAS
OMA	Omaezaki Shizuoka, Honshu, Japan	34 36 12.0 N (34.6033)	138 12 48.0 E (138.2133)	45.0	JMA
OME	Ometepe Nicaragua opened 1975.	11 32 15.6 N (11.5377)	85 41 01.2 W ( 85.6837)	181.0	APY
OMJ	Ohmine Nagano, Honshu, Japan opened 19690101. (Alternate Abbreviation for CGP)	36 40 03.7 N (36.6677)	138 10 55.1 E (138.1820)	506.0	ERIJ
OMP					
OMS	R Omsukchan Magadanskaya Oblast, R.S.F.S.R., U.S.S.R.	62 32 .. N (62.5333)	155 48 .. E (155.8000)	...	MOSR
OMW	Omak Washington, U.S.A. opened 197506.	48 28 49.2 N (48.4803)	119 33 39.0 W (119.5608)	421.0	SEA
OMZ	Oamaru South Island, New Zealand opened 19691016.	45 04 14.0 S (45.0706)	170 54 53.0 E (170.9147)	95.0	WEL
ONA	Onahama Fukushima, Honshu, Japan	36 56 42.0 N (36.9450)	140 54 24.0 E (140.9067)	3.0	JMA
ONE	C Onerahi (Whangarei) North Island, New Zealand closed 19850926.	35 46 33.0 S (35.7758)	174 21 45.0 E (174.3625)	30.0	WEL
ONG	C Ongoro Peru	15 53 56.5 S (15.8990)	72 28 23.5 W ( 72.4732)	880.0	
ONH	Oakhill (Concord) New Hampshire, U.S.A. opened 197512.	43 16 45.0 N (43.2792)	71 30 20.0 W ( 71.5056)	280.0	CAM
ONI	Oni Georgian S.S.R., U.S.S.R.	42 36 .. N (42.6000)	43 30 .. E ( 43.5000)	800.0	TIF
ONTN	Oneida Tennessee, U.S.A.	36 28 53.4 N (36.4815)	84 26 36.0 W ( 84.4433)	635.0	TVA
ONTR	Ontario New York, U.S.A.	43 16 25.8 N (43.2738)	77 18 24.0 W ( 77.3067)	84.0	BLMY
OO-	(Alternate Abbreviation for OO-NW)				
OO-NW	C Oslo Norway 19630813-19650401.	61 03 17.0 N (61.0547)	10 51 58.0 E ( 10.8661)	555.0	LRSN
OOM	C Omiya Yamanashi, Honshu, Japan	35 13 .. N (35.2167)	138 38 .. E (138.6333)	...	
OOS	R Oashika Nagano, Honshu, Japan opened 197706.	35 34 46.8 N (35.5797)	138 02 55.5 E (138.0488)	805.0	NGY
OOT	C Oatolari Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	46 39 .. N (46.6500)	142 46 .. E (142.7667)	36.0	
OPA	Opana Oahu, Hawaii, U.S.A. opened 196504.	21 41 26.0 N (21.6906)	158 00 43.0 W (158.0119)	150.0	HON USTN
OPL	Opal Maund Beaver County, Utah, U.S.A.	38 28 54.0 N (38.4817)	112 52 19.2 W (112.8720)	1766.0	SLCI
OPO	Ambahidratampo Madagascar	18 34 12.3 S (18.5701)	47 01 18.3 E ( 47.0218)	1437.0	TAN
OPT	Oil Point Alaska Peninsula, Alaska, U.S.A. opened 1974.	59 39 10.0 N (59.6528)	153 13 47.0 W (153.2297)	625.0	GIA
OR-	(Alternate Abbreviation for OR-FL)				

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
OR-FL C	Orlando ..... Florida, U.S.A. 19630514-19630915.	28 28 01.0 N (28.4669)	81 13 17.0 W ( 81.2214)	20.0	LRSM
ORA R	Oran ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	55 54 .. N (55.9000)	113 36 .. E (113.6000)	...	MOSR
(ORA)	see international code ORAM				
ORAM	Rattlesnake Point ..... Butte County, California, U.S.A. opened 19750805. MNLO code ORA.	39 28 07.3 N (39.4687)	121 24 48.6 W (121.4135)	588.0	MNLO
ORB C	Orbe ..... Switzerland closed 1925.	46 43 .. N (46.7167)	6 31 .. E ( 6.5167)	...	
ORC	Owens River ..... Mono County, California, U.S.A. opened 197911.	37 38 07.1 N (37.6353)	118 39 21.6 W (118.6560)	2301.0	REN
(ORC)	see international code ORCC				
ORCC R	Oricopia Mountain ..... Riverside County, California, U.S.A. opened 198105. PAS code ORC.	33 33 58.2 N (33.5662)	115 46 09.0 W (115.7692)	1087.0	PAS
ORI	Oriolo ..... Calabria, Italy (40.0503) ( 16.4492)	40 03 01.0 N (40.0503)	16 26 57.0 E ( 16.4492)	450.0	ROM
ORJ U	Oura ..... Shiga, Honshu, Japan 197209-197312.	35 31 01.7 N (35.5171)	136 07 10.9 E (136.1197)	150.0	DRI
ORK R	Oerkelljunga ..... Sweden opened 198001	56 16 04.8 N (56.2680)	13 15 43.2 E ( 13.2620)	96.0	HFS
(ORK)	see international code OTK				
ORL	Orlik ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	52 30 .. N (52.5000)	99 48 .. E ( 99.8000)	1360.0	MOSR
ORO	Orapa ..... Piemonte, Italy reopened 1982.	45 37 30.0 N (45.6250)	7 58 49.0 E ( 7.9803)	1162.0	ROM
ORT	Oak Ridge ..... Tennessee, U.S.A. opened 196706.	35 54 34.2 N (35.9095)	84 18 17.4 W ( 84.3048)	370.0	
ORV	Oraville ..... Butte County, California, U.S.A. opened 196308.	39 33 20.0 N (39.5556)	121 30 00.0 W (121.5000)	362.0	CDWR USTN
OSA	Osaka ..... Osaka, Honshu, Japan moved 1936 and 196804.	34 40 42.0 N (34.6783)	135 31 18.0 E (135.5217)	13.0	JMA
OSB	Orangeburg ..... South Carolina, U.S.A. opened 19770402. USTN closed.	33 32 50.0 N (33.5472)	80 50 40.0 W ( 80.8444)	91.0	USGS USTN
OSBY R	Osborn ..... New York, U.S.A. opened 19750618.	41 21 37.0 N (41.3603)	73 55 26.0 W ( 73.9239)	212.0	BLMY
OSC C	Orangeburg ..... South Carolina, U.S.A. 19740520-197703.	33 32 22.9 N (33.5397)	80 49 30.0 W ( 80.8250)	...	USGS
OSH	Oshima ..... Bonin Islands, Japan (34.7617) (139.3783)	34 45 42.0 N (34.7617)	139 22 42.0 E (139.3783)	191.0	JMA
OSK	Osaka (Takayasuyama) ..... Osaka, Honshu, Japan (34.6117) (135.6600)	34 36 42.0 N (34.6117)	135 39 36.0 E (135.6600)	472.0	JMA
OSNY	Ossining ..... New York, U.S.A. (41.2117) ( 73.8283)	41 12 42.0 N (41.2117)	73 49 42.0 W ( 73.8283)	122.0	BLMY
OSS	Ova Spin ..... Switzerland opened 1982	46 41 12.6 N (46.6868)	10 08 37.2 E ( 10.1437)	1700.0	ZUR
(OSS)	see international code OSSR				
OSSR R	Ossora ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code OSS.	59 18 .. N (59.3000)	163 06 .. E (163.1000)	...	MOSR
(OST)	see international code OSTM				
OSTM	Stimpson Lane ..... Butte County, California, U.S.A. opened 19750805. MNLO code OST.	39 22 07.7 N (39.3688)	121 35 49.2 W (121.5970)	28.0	MNLO
OSTOP F	(keyword for telegraphic format)				
(OSU)	see international code OSUM				
OSUM	Sutter Buttes ..... Sutter County, California, U.S.A. opened 19760401. MNLO code OSU.	39 16 16.3 N (39.2712)	121 51 08.3 W (121.8523)	67.0	MNLO
OSWG	Oswego ..... New York, U.S.A. (43.5170) ( 76.4162)	43 31 01.2 N (43.5170)	76 24 58.2 W ( 76.4162)	84.0	BLMY
(OSZ)	see international code ZHI				
(OTB)	see international code OTBM				
OTBM	Table Mountain ..... Butte County, California, U.S.A. opened 19750906. MNLO code OTB.	39 32 44.5 N (39.5457)	121 33 39.6 W (121.5610)	219.0	MNLO
OTH	Othello ..... Washington, U.S.A. opened 196903.	46 44 20.4 N (46.7390)	119 12 59.4 W (119.2165)	384.0	SEA
OTI C	Otiiai ..... Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	47 20 .. N (47.3333)	142 47 .. E (142.7833)	...	
OTK R	Orto-Tokoy ..... Kirghiz S.S.R., U.S.S.R. MOS code ORK.	42 24 .. N (42.4000)	76 00 .. E ( 76.0000)	...	MOSR
(OTL)	see international code OUT				

CODES

TABLE 1

CODES

Code	Station Name; Region and Comments	Latitude	Longitude	Elev.	Networks
OTP	Otepa ..... Tuamotu Archipelago, French Polynesia opened 1976.	18 10 03.0 S (18.1675)	140 51 24.0 W (140.8567)	2.0	PPT
OTT	D Ottawa ..... Ontario, Canada opened 1986. ECTN 19740224-19780425; reopened 19780126.	45 23 38.0 N (45.3939)	75 42 57.0 W ( 75.7158)	83.0	OTT
OTZ	Ortiz Mountain ..... New Mexico, U.S.A. opened 19760917.	35 45 37.0 N (35.7603)	106 10 22.0 W (106.1728)	2091.0	LOA
OUA	Ouanaham ..... Loyalty Islands	20 46 29.0 S (20.7747)	167 14 38.0 E (167.2439)	29.0	NOU
OUL	Oulu ..... Finland	65 05 07.0 N (65.0853)	25 53 47.0 E ( 25.8964)	60.0	HEL
OUR	Ouranopolis ..... Greece opened 19810101.	40 20 04.0 N (40.3344)	23 58 55.0 E ( 23.9819)	60.0	THE
OUT	Outlet ..... Hawaii, Hawaii, U.S.A. opened 195807; moved slightly 19710627. HVO code OTL.	19 23 22.8 N (19.3897)	155 16 56.4 W (155.2823)	1038.0	HVO
OVA	Ovalau ..... Fiji opened 197910.	17 41 23.0 S (17.6897)	178 47 02.0 E (178.7839)	427.0	SVa
OVE	C Overton ..... Nevada, U.S.A. 194007-195207.	36 31 52.0 N (36.5311)	114 26 33.0 W (114.4425)	395.0	USGS
OVO	Osservatorio Vesuviano ..... Campania, Italy opened 197412. Sent to NEIS by ROM.	40 49 36.0 N (40.8267)	14 23 52.0 E ( 14.3978)	606.0	OVO
OWA	Owase ..... Mie, Honshu, Japan see international code OWYM	34 04 00.0 N (34.0667)	136 11 42.0 E (136.1950)	14.0	JMA
(OWY) OWYM	Wyandotte ..... Butte County, California, U.S.A. opened 19750805. MNLO code OWY.	39 27 10.8 N (39.4530)	121 29 12.5 W (121.4868)	168.0	MNLO
OXD	C Oxford ..... England, United Kingdom	51 46 .. N (51.7667)	1 15 .. W ( 1.2500)	61.0	WWSS
OXF	C Oxford ..... Mississippi, U.S.A. 196308-197605.	34 30 42.5 N (34.5118)	89 24 33.1 W ( 89.4092)	101.0	
OXM	Oxtotitlan ..... Mexico, Mexico	19 17 49.8 N (19.2972)	99 41 18.0 W ( 99.6883)	2700.0	UNM
OXX	Oaxaca ..... Oaxaca, Mexico opened 1984.	17 04 54.0 N (17.0817)	96 43 24.0 W ( 96.7233)	1730.0	MEX
OYM	Oyama ..... Kanagawa, Honshu, Japan opened 197004.	35 25 12.3 N (35.4201)	139 14 34.9 E (139.2430)	600.0	ERIJ
OYT	U Oya 1 ..... Hyogo, Honshu, Japan 196411-196910. see international code OYT2	35 20 02.2 N (35.3339)	134 39 52.2 E (134.6645)	260.0	DRI
(OYT) OYT2	R Oya 2 ..... Hyogo, Honshu, Japan opened 196911. DRI code OYT.	35 19 18.5 N (35.3218)	134 39 56.8 E (134.6658)	230.0	DRI
OZB	D Mount Ozzard ..... British Columbia, Canada opened 19820429.	48 57 37.1 N (48.9603)	125 29 34.1 W (125.4928)	671.0	WCTN
OZC	Ocozacuautla ..... Chiapas, Mexico Also sent to NEIS by UNM.	16 47 06.0 N (16.7850)	93 22 22.8 W ( 93.3730)	864.0	IIM
OZE	R Ozeraya ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	56 18 .. N (56.3000)	114 00 .. E (114.0000)	...	MOSR
PAA	Panguna ..... Bougainville Island, Papua New Guinea opened 19721204.	6 18 02.1 S ( 6.3006)	155 29 28.3 E (155.4912)	699.0	PMG
PAC	C Palo Alto-Branner ..... San Mateo County, California, U.S.A. 19271121-19650531.	37 25 00.0 N (37.4167)	122 10 54.0 W (122.1817)	83.0	BRK
PAD	Padova ..... Veneto, Italy see international code PADM	45 24 31.0 N (45.4086)	11 53 10.0 E ( 11.8861)	12.0	ROM
(PAD) PADM	Adeladia ..... San Luis Obispo County, California, U.S.A. MNLO code PAD.	35 38 21.6 N (35.6393)	120 51 51.6 W (120.8643)	471.0	MNLO
PAE	D Paeo ..... Tahiti, Society Islands, French Polynesia	17 39 43.0 S (17.6619)	149 34 48.0 W (149.5800)	60.0	PPT
PAF	Port aux Français ..... Kerguelen Islands	49 21 02.0 S (49.3506)	70 12 48.0 E ( 70.2133)	17.0	STR
PAG	Le Parnasse ..... Guadeloupe opened 1950. see international code PAGM	16 01 46.8 N (16.0297)	61 40 48.0 W ( 61.6800)	670.0	FDF
(PAG) PAGM	Antelope Grade ..... San Luis Obispo County, California, U.S.A. MNLO code PAG.	35 43 55.2 N (35.7320)	120 14 57.6 W (120.2493)	482.0	MNLO
PAH	C Pahoa ..... Hawaii, Hawaii, U.S.A. 1958-19690101. HVO code PHA.	19 29 42.0 N (19.4950)	154 56 48.0 W (154.9467)	205.0	HVO



Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PAI	R	Pelee Aileron .....	14 48 16.2 N	61 09 23.4 W	844.0	FDF
		Martinique .....	(14.8045)	( 61.1565)		
PAIG		Paliourion .....	39 55 38.0 N	23 40 47.0 E	140.0	THE
		Greece .....	(39.9272)	( 23.6797)		
		opened 19810101.				
PAJ		Port Antonio .....	18 10 12.0 N	76 27 21.6 W	201.0	TRN
		Jamaica .....	(18.1700)	( 76.4560)		
PAL		Polisades .....	41 00 15.0 N	73 54 33.0 W	91.0	PAL
		New York, U.S.A. .....	(41.0042)	( 73.9092)		
		opened 1949.				
PAM		Palermo .....	39 26 55.8 N	121 31 10.8 W	...	CDWR
		Butte County, California, U.S.A. .....	(39.4488)	(121.5197)		
		opened 197601.				
PAN	C	Ponimavida .....	35 45 06.2 S	71 24 11.5 W	175.0	SAN
		Linos, Chile .....	(35.7517)	( 71.4032)		
(PAN)		see international code PANM				
PANI	R	Panoratto .....	46 02 56.0 N	11 18 03.0 E	1850.0	TRI
		Trentino-Alto Adige, Italy .....	(46.0489)	( 11.3008)		
		Opened 19810615.				
PANM		San Antonio Reservoir .....	35 46 46.8 N	120 54 26.4 W	451.0	MNLO
		San Luis Obispo County, California, U.S.A. .....	(35.7797)	(120.9073)		
		MNLO code PAN.				
PAO		(Alternate Abbreviation for BTO)				
PAP	C	Pondan .....	11 44 00.6 N	122 06 52.2 E	...	MAN
		Panay, Philippines .....	(11.7335)	(122.1145)		
		19770428-198004.				
(PAP)		see international code PAPM				
PAPM		Alder Peak .....	35 54 46.2 N	121 21 42.0 W	1015.0	MNLO
		Monterey County, California, U.S.A. .....	(35.9128)	(121.3617)		
		MNLO code PAP.				
PAR		Paris--Parc St. Maur .....	48 48 34.0 N	2 29 37.0 E	47.0	PAR
		Ile de France, France .....	(48.8094)	( 2.4936)		
(PAR)		see international code PARM				
(PAR)		see international code PARR				
PARM		Anticline Ridge .....	36 14 57.1 N	120 20 31.2 W	485.0	MNLO
		Fresno County, California, U.S.A. .....	(36.2492)	(120.3420)		
		opened 19750905. MNLO code PAR.				
PARR	R	Paradise .....	38 46 14.5 N	117 53 47.4 W	1774.0	REN
		Nevada, U.S.A. .....	(38.7707)	(117.8965)		
		opened 197606. REN code PAR.				
PAS	D	Pasadena .....	34 08 54.0 N	118 10 18.0 W	295.0	PAS
		Los Angeles County, California, U.S.A. .....	(34.1483)	(118.1717)		
		opened 19270317.				
PAT		Patras .....	38 14 11.0 N	21 44 48.0 E	40.0	ATH
		Greece .....	(38.2364)	( 21.7467)		
PAU		Pauzhetka .....	51 30 ... N	156 48 ... E	...	MOSR
		Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R. .....	(51.5000)	(156.8000)		
(PAU)		see international code PUH				
PAV		Pavia .....	45 11 00.0 N	9 10 25.0 E	77.0	ROM
		Lombardia, Italy .....	(45.1833)	( 9.1736)		
PAX		Poxson .....	62 58 15.0 N	145 28 07.2 W	1130.0	GIA
		Central Alaska, Alaska, U.S.A. .....	(62.9708)	(145.4687)		
		opened 196907.				
PAZ	R	Prescott .....	...	...	...	
		Arizona, U.S.A. .....				
PB-TN	C	Porsons .....	35 44 10.0 N	88 08 10.0 W	122.0	LRSM
		Tennessee, U.S.A. .....	(35.7361)	( 88.1361)		
		19620706-19620711.				
PBA		Port Blair .....	11 40 ... N	92 43 ... E	79.0	NDI
		Andaman Islands, India .....	(11.6667)	( 92.7167)		
PBC		Punta Burica .....	8 25 07.2 N	83 02 12.6 W	350.0	HDC
		Costa Rica .....	( 8.4187)	( 83.0368)		
		opened 198501.				
PBF		Porcher Bluff .....	32 51 46.0 N	79 45 38.4 W	1.5	USGS
		South Carolina, U.S.A. .....	(32.8628)	( 79.7607)		
		opened 1982?				
PBJ		Preso Benito Juarez .....	16 26 12.0 N	95 24 24.0 W	213.0	UNM
		Oaxoco, Mexico .....	(16.4367)	( 95.4067)		
PBQ		Poste de la Baleine .....	55 16 36.0 N	77 44 36.0 W	20.0	
		Quebec, Canada .....	(55.2767)	( 77.7433)		
(PBR)		see international code PBRM				
PBRM		Bossetti Ranch .....	35 32 54.6 N	121 00 32.4 W	85.0	MNLO
		San Luis Obispo County, California, U.S.A. .....	(35.5485)	(121.0090)		
		MNLO code PBR.				
PBS		Pigeon Bay .....	33 16 45.0 N	80 15 49.9 W	...	USGS
		South Carolina, U.S.A. .....	(33.2792)	( 80.2639)		
		opened 19740520.				
PBU	C	Perry Basin .....	41 28 05.4 N	112 00 34.8 W	1625.0	SLC
		Box Elder County, Utah, U.S.A. .....	(41.4682)	(112.0097)		
		197509-198111.				
		closed 198111.				
PBV		Petersburg .....	36 58 56.4 N	77 31 52.2 W	49.0	BLA
		Virginia, U.S.A. .....	(36.9823)	( 77.5312)		
		opened 197811.				
(PBW)		see international code BTW				
PBWM		(Alternate Abbreviation for BTW)				
PBX		Punta Bonda .....	31 44 10.2 N	116 42 44.4 W	...	ECX
		Boja California, Mexico .....	(31.7362)	(116.7123)		
(PBY)		see international code PBYM				

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PBYM	Bryson ..... Monterey County, California, U.S.A. MNLO code PBY.	35 48 54.0 N (35.8150)	121 04 53.4 W (121.0815)	335.0	MNLO
PC-	(Alternate Abbreviation for PC-MS)				
PC-MS	C Picayune ..... Mississippi, U.S.A. 19661112-19661206; 19690115-19690202; 19700410-19700422.	30 33 21.0 N (30.5558)	89 46 57.0 W ( 89.7825)	12.0	LRSB
PCA	Pinnacle ..... Southeastern Alaska, Alaska, U.S.A. opened 19740905. AGS code PIN.	60 05 48.0 N (60.0967)	140 15 24.0 W (140.2567)	975.0	AGS
PCAM	(Alternate Abbreviation for CTM)				
PCC	Pilarcitos Creek ..... San Mateo County, California, U.S.A. opened 19650402.	37 30 00.0 N (37.5000)	122 22 54.0 W (122.3817)	91.0	BRK
PCF	D Pomona ..... Los Angeles County, California, U.S.A. opened 197601.	34 03 11.5 N (34.0532)	117 47 26.5 W (117.7907)	...	PAS
(PCG)	see international code PCGM				
PCGM	Cerro Alto Campground ..... San Luis Obispo County, California, U.S.A. MNLO code PCG.	35 25 31.2 N (35.4253)	120 44 20.4 W (120.7390)	314.0	MNLO
PCH	Pirque ..... Santiago, Chile opened 1982.	33 37 15.0 S (33.6208)	70 30 50.0 W ( 70.5139)	1010.0	SAN
PCHF	R Pos de la Coche ..... Dauphine, France opened 198008.	45 13 05.7 N (45.2182)	6 01 49.5 E ( 6.0304)	2010.0	
PCI	Polu ..... Sulawesi, Indonesia Opened 1981.	0 54 17.4 S ( 0.9048)	119 50 12.0 E (119.8367)	...	DJA
PCJ	Portland Cottage ..... Jamaica opened 19780720.	17 44 31.2 N (17.7420)	77 10 08.4 W ( 77.1690)	200.0	TRN
PCL	Pocheco Lake ..... Santa Clara County, California, U.S.A. opened 19680510. MNLO code HPL.	37 03 07.8 N (37.0522)	121 17 24.0 W (121.2900)	152.0	MNLO
PCM	Peleee Case Petit ..... Martinique FDF code CPM.	14 48 55.8 N (14.8155)	61 12 37.8 W ( 61.2105)	335.0	FDF
(PCM)	see international code PMCB				
PCN	Piacenza ..... Emilia-Romagna, Italy reopened 197803. Sent to NEIS by ROM.	45 03 .. N (45.0500)	9 40 .. E ( 9.6667)	...	
PCNE	Platte Center ..... Nebraska, U.S.A. (41.5392)	41 32 21.0 N (41.5392)	97 25 39.0 W ( 97.4275)	482.0	LAK
PCO	Ponca City ..... Oklahoma, U.S.A. opened 19770705.	36 41 34.9 N (36.6930)	96 58 56.9 W ( 96.9825)	324.0	TUL
PCR	La Plaine des Cafres ..... Reunion opened 19821130.	21 11 44.4 S (21.1957)	55 34 40.0 E ( 55.5778)	2270.0	PAR
(PCR)	see international code PCRM				
PCRM	Curry Mountain ..... Fresno County, California, U.S.A. opened 19750904. MNLO code PCR.	36 05 37.7 N (36.0938)	120 26 04.9 W (120.4347)	296.0	MNLO
PCS	C Paracas ..... Peru (13.8033)	13 48 12.0 S (13.8033)	76 16 42.0 W ( 76.2783)	100.0	LIM
PCT	Pak Chong ..... Thailand (14.6808)	14 40 51.0 N (14.6808)	101 24 39.6 E (101.4110)	...	CHG
PCU	Price ..... Carbon County, Utah, U.S.A. opened 196205.	39 36 24.0 N (39.6067)	110 48 18.0 W (110.8050)	1714.0	SLC
PCY	Pole Canyon ..... Beaver County, Utah, U.S.A. (38.3330)	38 19 58.8 N (38.3330)	112 54 04.8 W (112.9013)	2033.0	SLCI
PD-	(Alternate Abbreviation for PD-BC)				
PD-BC	C Princeton ..... British Columbia, Canada 19620706-19620717.	49 23 32.0 N (49.3922)	120 28 35.0 W (120.4764)	914.0	LRSB
PDA	Ponta Delgada ..... Azores, Portugal WWSS opened 19620302.	37 44 48.0 N (37.7467)	25 39 48.0 W ( 25.6633)	35.0	PDA WWSS
PDB	Pedro Bay ..... Western Alaska, Alaska, U.S.A. opened 19790222.	59 47 16.2 N (59.7878)	154 11 33.0 W (154.1925)	305.0	AGS
PDC	C Pieve di Cadore ..... Veneto, Italy (46.4100)	46 24 36.0 N (46.4100)	12 22 12.0 E ( 12.3700)	...	
PDD	C Puy-de-Dome ..... Auvergne, France (45.7667)	45 46 .. N (45.7667)	2 58 .. E ( 2.9667)	1450.0	
PDI	C Porto d'Ischia ..... Companio, Italy (40.7333)	40 44 .. N (40.7333)	13 57 .. E ( 13.9500)	37.0	
PDIF	F (phose code designation)				
PDM	R Pelee Desile ..... Martinique	...	...	...	FDF
PDMC	Merrill Creek ..... New Jersey, U.S.A. (40.7560)	40 45 21.6 N (40.7560)	75 07 01.2 W ( 75.1170)	232.0	BLMY
PDP	Pandan ..... Panay, Philippines opened 198004.	11 42 51.6 N (11.7143)	122 05 46.2 E (122.0962)	...	MAN
(PDR)	see international code PDRM				

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PDRM	R Domengine Ranch ..... Fresno County, California, U.S.A. MNLO code PDR.	36 20 08.4 N (36.3357)	120 22 07.2 W (120.3687)	488.0	MNLO
PDTN	Piedmont ..... Tennessee, U.S.A. opened 19850919.	35 16 22.8 N (35.2730)	85 51 00.0 W ( 85.8500)	335.0	TVA
PE-	(Alternate Abbreviation for PE-WV)				
PE-WV	C Pineville ..... West Virginia, U.S.A. 19620706-19620717.	37 36 53.0 N (37.6147)	81 39 55.0 W ( 81.6653)	427.0	LRSM
PEA	R Peo Ridge ..... Alabama, U.S.A. opened 19710109.	33 15 19.2 N (33.2553)	87 29 39.6 W ( 87.4943)	107.0	MNLO
PEC	D Perris ..... Riverside County, California, U.S.A. opened 197001.	33 53 31.0 N (33.8919)	117 09 38.4 W (117.1607)	616.0	CDWR USTN
PED	C Pedro Aguirre Cerdo ..... South Shetland Islands, Antarctica (62.9394)	62 56 22.0 S (62.9394)	60 35 06.0 W ( 60.5850)	10.0	SAN
PEH	Pehpei (Beibei) ..... Sichuan, China (Mainland) (29.8367)	29 50 12.0 N (29.8367)	106 25 06.0 E (106.4183)	213.0	
PEI	C Peine ..... Antofagasta, Chile (24.6833)	24 41 .. S (24.6833)	68 04 .. W ( 68.0667)	5000.0	
PEK	(Alternate Abbreviation for BJI)				
PEL	Peldehue ..... Santiago, Chile WWSS opened 19640315.	33 08 37.0 S (33.1436)	70 41 07.0 W ( 70.6853)	690.0	SAN WWSS
PEM	D Pine Mountain ..... Los Angeles County, California, U.S.A. opened 197602.	34 10 02.3 N (34.1673)	117 52 10.9 W (117.8697)	...	PAS
PEMC	Merrill Creek ..... New Jersey, U.S.A. (40.7580)	40 45 28.8 N (40.7580)	75 04 33.6 W ( 75.0760)	305.0	BLMY
PEN	C Pensacola ..... Florida, U.S.A. (30.4667)	30 28 .. N (30.4667)	87 11 .. W ( 87.1833)	...	
PER	C Perth ..... Western Australia, Australia 1901-19630801.	31 57 09.6 S (31.9527)	115 50 22.0 E (115.8394)	55.0	
PES	C Peshawar ..... Pakistan (34.0050)	34 00 18.0 N (34.0050)	71 32 54.0 E ( 71.5483)	...	
PET	Petropavlovsk-Kamchatskiy ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R. (53.0167)	53 01 .. N (53.0167)	158 39 .. E (158.6500)	25.0	MOS
(PET)	see international code PTR				
PEV	Pleasant Valley ..... Santo Cruz County, California, U.S.A. opened 19720701. MNLO code JPL.	36 58 37.2 N (36.9770)	121 49 55.8 W (121.8322)	158.0	MNLO
PEX	Puerto Escondido ..... Oaxaca, Mexico (15.8620)	15 51 43.2 N (15.8620)	97 03 40.2 W ( 97.0612)	...	IIM
PF-	(Alternate Abbreviation for PF-MI)				
PF-MI	C Pickford ..... Michigan, U.S.A. 19630103-19630617.	46 05 16.0 N (46.0878)	84 27 39.0 W ( 84.4608)	259.0	LRSM
PFA	C Pierce Ferry ..... Arizona, U.S.A. 194010-195206.	36 07 15.0 N (36.1208)	114 00 17.0 W (114.0047)	417.0	NEIS
PFB	Port Renfrew ..... British Columbia, Canada opened 19830615.	48 34 18.1 N (48.5717)	124 26 24.0 W (124.4400)	550.0	WCTN
PFMC	Merrill Creek ..... New Jersey, U.S.A. (40.7250)	40 43 30.0 N (40.7250)	75 09 18.0 W ( 75.1550)	220.0	BLMY
PFO	RD Pinyon Flat Observatory ..... Riverside County, California, U.S.A. opened 197103. IDA opened 197602. (Alternate Abbreviation for PG-BC)	33 36 33.0 N (33.6092)	116 27 19.0 W (116.4553)	1280.0	IDA
PG-	(Alternate Abbreviation for PG-BC)				
PG-BC	C Prince George ..... British Columbia, Canada 19621207-19621207; 19651026-19700801.	53 59 50.0 N (53.9972)	122 31 23.0 W (122.5231)	914.0	LRSM
PG2BC	C Prince George ..... British Columbia, Canada 19681005-19700817; 19710925-19711109.	53 59 28.0 N (53.9911)	122 30 44.0 W (122.5122)	747.0	LRSM
PGA	Paragould ..... Arkansas, U.S.A. opened 19741228.	36 03 36.0 N (36.0600)	90 37 12.0 W ( 90.6200)	152.0	SLM
PGC	D Pacific Geoscience Centre, Sidney ..... British Columbia, Canada opened 19780318.	48 39 00.0 N (48.6500)	123 27 03.0 W (123.4508)	5.0	OTT
PGE	Panamint Range ..... Inyo County, California, U.S.A. opened 19781128.	36 20 56.0 N (36.3489)	117 03 57.0 W (117.0658)	1850.0	USGS USTN
(PGH)	see international code GHC				
PGHM	(Alternate Abbreviation for GHC)				
PGM	Pleasant Grove ..... Mississippi, U.S.A. opened 19790824.	34 27 50.4 N (34.4640)	90 06 45.1 W ( 90.1125)	105.0	TEIC
PGP	Puerto Galera ..... Mindoro, Philippines opened 19770522.	13 30 07.2 N (13.5020)	120 57 10.2 E (120.9528)	6.0	MAN
PGS	C Pogoso Springs ..... Colorado, U.S.A. (37.2653)	37 15 55.0 N (37.2653)	107 01 15.0 W (107.0208)	...	
(PGW)	see international code PGWM				

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PGWM	R	Grace West San Luis Obispo County, California, U.S.A. MNLO code PGW.	35 11 01.8 N (35.1838)	120 37 37.2 W (120.6270)	148.0	MNLO
PH-NV	C	Jorum 4 Nevada, U.S.A. PH-NV also used for sites Jorum 5 and 6.	37 17 54.0 N (37.2983)	116 32 53.0 W (116.5481)	1792.0	LRSN
PH-WA	C	Pomeroy Washington, U.S.A. 19671108-19671210.	46 19 25.0 N (46.3236)	117 19 41.0 W (117.3281)	945.0	LRSN
PH2NV	C	Jorum 1 Nevada, U.S.A. 19690915-19691010. PH2NV also used for sites Jorum 2 and 3.	37 14 32.0 N (37.2422)	116 27 52.0 W (116.4644)	1908.0	LRSN
PH3NV	C	Handley 1 Nevada, U.S.A. 19700318-19700407. PH3NV also used for sites Handley 2 thru 5.	37 22 21.0 N (37.3725)	116 31 43.0 W (116.5286)	1603.0	LRSN
PH4NV	C	Handley 6 Nevada, U.S.A. 19700318-19700407. PH4NV also used for sites Handley 7 and 8.	37 15 20.0 N (37.2556)	116 27 49.0 W (116.4636)	1917.0	LRSN
PHA	C	Port Heiden Alaska Peninsula, Alaska, U.S.A. (PHA) see international code PAH (PHA) see international code PHAM	56 59 18.0 N (56.9883)	158 40 30.0 W (158.6750)	...	
PHAM		Harlan Ranch San Benito County, California, U.S.A. MNLO code PHA. (PHB) see international code PHBM	35 50 09.6 N (35.8360)	120 23 54.6 W (120.3985)	455.0	MNLO USTN
PHBM	R	Huron Fishing Bridge Fresno County, California, U.S.A. MNLO code PHB.	36 14 55.8 N (36.2488)	120 04 57.6 W (120.0827)	100.0	MNLO
PHC		Port Hardy British Columbia, Canada opened 196212. (PHC) see international code PHCM	50 42 24.0 N (50.7067)	127 25 54.0 W (127.4317)	33.0	OTT
PHCM		Hearst Castle San Luis Obispo County, California, U.S.A. MNLO code PHC.	35 40 55.9 N (35.6822)	121 09 09.0 W (121.1525)	514.0	MNLO
PHEL		Phelps New York, U.S.A. (PHG) see international code PHGM	42 57 15.0 N (42.9542)	77 05 42.0 W (77.0950)	188.0	BLMY
PHGM		Hog Canyon Monterey County, California, U.S.A. MNLO code PHG. USTN closed.	35 52 33.6 N (35.8760)	120 29 00.6 W (120.4835)	792.0	MNLO USTN
PHH	C	Puu Huluhulu Hawaii, Hawaii, U.S.A. 196907-19731110.	19 22 30.0 N (19.3750)	155 12 30.0 W (155.2083)	1021.0	HVO
PHI	C	Philadelphia Pennsylvania, U.S.A. 193407-19710828.	39 57 32.0 N (39.9589)	75 10 30.0 W (75.1750)	5.0	
PHO		Puu Hanuaula Hawaii, Hawaii, U.S.A. opened 197004.	19 28 54.0 N (19.4817)	154 53 24.0 W (154.8900)	215.0	HVO
PHP		Peshkopi Albania (PHR) see international code HVC PHRM (Alternate Abbreviation for HVC)	41 41 17.0 N (41.6881)	20 26 27.0 E (20.4408)	...	TIR
PHS	R	Pasadena High School Los Angeles County, California, U.S.A. (Alternate Abbreviation for PI-WY)	...	...	...	
PI-						
PI-WY	C	Pinedale Wyoming, U.S.A. 19640122-19640429.	42 27 10.0 N (42.4528)	109 32 55.0 W (109.5486)	2170.0	LRSN
PI1	C	Pinedale Wyoming, U.S.A. 19730608-19730813.	42 35 43.2 N (42.5953)	109 32 43.2 W (109.5453)	2195.0	USGS
PI2	C	Pinedale Wyoming, U.S.A. 19730813-19731018.	42 46 30.0 N (42.7750)	109 44 24.0 W (109.7400)	234.0	USGS
PI2WY	C	Pinedale Wyoming, U.S.A.	42 46 02.0 N (42.7672)	109 33 43.0 W (109.5619)	2195.0	LRSN
PI3	C	Pinedale Wyoming, U.S.A. 19731018-19731211.	42 26 30.0 N (42.4417)	109 34 45.0 W (109.5792)	2164.0	USGS
PI4	C	Pinedale Wyoming, U.S.A. 19731211-19740222.	42 37 42.0 N (42.6283)	109 53 36.0 W (109.8933)	2194.0	USGS
PI5	C	Pinedale Wyoming, U.S.A. 197403-19760601.	42 34 01.6 N (42.5671)	109 54 42.0 W (109.9117)	2273.0	USGS
PI6	C	Pinedale Wyoming, U.S.A. 197403-19760601.	42 43 34.4 N (42.7262)	109 36 19.8 W (109.6055)	2225.0	USGS
PI7	C	Pinedale Wyoming, U.S.A. 19740403-19760601.	42 26 23.0 N (42.4397)	109 34 21.0 W (109.5725)	2179.0	USGS
PIA		Pitten Austria	47 43 03.0 N (47.7175)	16 11 35.0 E (16.1931)	380.0	VIE

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PIB	CD Pender Island ..... British Columbia, Canada 19751101-19810427.	48 49 .. N (48.8167)	123 19 .. W (123.3167)	40.0	WCTN
PIC	RD Picocho Peak ..... Imperial County, California, U.S.A. opened 197507.	32 54 51.0 N (32.9142)	114 38 35.4 W (114.6432)	263.0	PAS
PIE	C Pietermaritzburg ..... Natal, South Africa closed 196804.	29 37 12.0 S (29.6200)	30 23 48.0 E (30.3967)	656.0	PRE
PIG	Pigeon Point ..... Tobago, Trinidad and Tobago	11 09 39.6 N (11.1610)	60 50 27.6 W (60.8410)	...	TRN
PIL	Pilar (Cordoba) ..... Cordoba, Argentina (31.6683)	31 40 06.0 S (31.6683)	63 53 00.0 W (63.8833)	338.0	
PIM	Preso del Infiernillo ..... Michoacan, Mexico (18.2750)	18 16 30.0 N (18.2750)	101 52 54.0 W (101.8817)	81.0	UNM
PIN	C Pinedale ..... Wyoming, U.S.A. 19730322-19730608. see international code PCA (Alternate Abbreviation for PCA)	42 34 57.0 N (42.5825)	109 43 00.0 W (109.7167)	2225.0	USGS
(PIN)					
PINM					
PINS	F Pakistan Inst. of Nuclear Science and Tech.				
PIO	Pinotepa Nacional ..... Oaxaca, Mexico (16.3947)	16 23 40.8 N (16.3947)	98 07 37.2 W (98.1270)	...	UNM
PIP	Pasuquin ..... Luzon, Philippines opened 19760126.	18 19 32.4 N (18.3257)	120 37 07.8 E (120.6188)	...	MAN
PIR	Pirmasens ..... Rheinland-Pfalz, Fed. Rep. of Germany opened 196801.	49 11 59.9 N (49.2000)	7 36 26.7 E (7.6074)	400.0	KRW
PIS	C Pisa ..... Toscana, Italy (43.5833)	43 35 .. N (43.5833)	10 41 .. E (10.6833)	...	
PIT	C Pittsburgh ..... Pennsylvania, U.S.A. 1929-196201.	40 26 42.0 N (40.4450)	79 57 12.0 W (79.9533)	273.0	
PIU	C Piute Mountains ..... San Bernardino County, California, U.S.A. 197404-197610.	34 44 25.2 N (34.7403)	115 05 38.4 W (115.0940)	1209.0	PAS
PIV	C Piya ..... Bougainville Island, Papua New Guinea intermittent operation. see international code PIVM	6 12 00.0 S (6.2000)	155 03 30.0 E (155.0583)	60.0	RAB
(PIV)					
PIVM	Indian Valley ..... Monterey County, California, U.S.A. opened 19750924. MNLO code PIV.	35 54 23.4 N (35.9065)	120 40 56.3 W (120.6823)	497.0	MNLO
PJ-PA	C Pattstown ..... Pennsylvania, U.S.A. 19690829-19691010.	40 16 58.0 N (40.2828)	75 35 01.0 W (75.5836)	91.0	LRSM
PJC	R Pensacola Junior College ..... Florida, U.S.A. (30.4806)	30 28 50.0 N (30.4806)	87 12 04.0 W (87.2011)	...	
PJD	C Pedro Dome ..... Central Alaska, Alaska, U.S.A. 196701-197111.	65 02 06.0 N (65.0350)	147 30 30.0 W (147.5083)	740.0	GIA
PJG	Potts Junction ..... Guam, Mariana Islands opened 195705; moved slightly 19830222. see international code PJLM	13 35 17.0 N (13.5881)	144 51 59.0 E (144.8664)	138.0	NEIS
(PJL)					
PJLM	Jolan Road ..... Monterey County, California, U.S.A. MNLO code PJL.	36 05 23.4 N (36.0898)	121 09 19.8 W (121.1555)	290.0	MNLO
PJRM	(Alternate Abbreviation for JOL)				
PK-	(Alternate Abbreviation for PK-OR)				
PK-OR	C Pilot Rock ..... Oregon, U.S.A. 19620606-19620628. (Alternate Abbreviation for GHC) (Alternate Abbreviation for WKR) (Alternate Abbreviation for TRC)	45 19 03.0 N (45.3175)	118 54 33.0 W (118.9092)	1036.0	LRSM
PK1					
PK2					
PK3					
PKC	Peckham Road ..... Santo Cruz County, California, U.S.A. opened 19670623. MNLO code HPR.	36 57 11.4 N (36.9532)	121 41 42.0 W (121.6950)	94.0	MNLO
(PKE)					
PKEM	R Kettleman Hills ..... Kings County, California, U.S.A. MNLO code PKE.	36 03 41.4 N (36.0615)	120 06 32.4 W (120.1090)	288.0	MNLO
PKF	Parkfield Array ..... Monterey County, California, U.S.A. opened 19680111. MNLO code PPF.	35 52 54.6 N (35.8818)	120 24 48.6 W (120.4135)	469.0	MNLO
PKH	Park Hill ..... San Benito County, California, U.S.A. opened 19700817. MNLO code HPH.	36 51 22.8 N (36.8563)	121 24 22.2 W (121.4062)	122.0	MNLO
PKI	Phulchoki ..... Nepal opened 19781115.	27 34 15.6 N (27.5710)	85 24 32.4 E (85.4090)	2758.0	DMN
PKK	D Porkkala ..... Finland (60.0052)	60 00 18.7 N (60.0052)	24 31 01.0 E (24.5169)	10.0	HEL
PKKP	F (phase code designation)				
PKKS	F (phase code designation)				
PKKY	Grayson ..... Kentucky, U.S.A. opened 19857	38 22 58.8 N (38.3830)	83 02 02.4 W (83.0340)	...	BHKY

CODES

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PKL	Puu Kalia ..... Hawaii, Hawaii, U.S.A. HVO code KLU.	19 27 28.8 N (19.4580)	154 55 15.6 W (154.9210)	271.0	HVO
PKM	D Peak Mountain ..... Santa Barbara County, California, U.S.A. opened 197608.	34 53 44.9 N (34.8958)	119 49 07.7 W (119.8188)	1704.0	PAS
PKN	R Parkers Pond ..... Newfoundland, Canada	47 35 09.0 N (47.5858)	52 47 00.0 W ( 52.7833)	210.0	
PKNC	Pores Knob ..... North Carolina, U.S.A. opened 19821111.	36 02 45.6 N (36.0460)	81 09 28.8 W ( 81.1580)	785.0	TEIC
PKNY	R Stone Ridge ..... New York, U.S.A.	41 52 27.1 N (41.8742)	74 10 17.0 W ( 74.1714)	...	
PKP	F (phase code designation)				
PKR	P.K. Le Roux Dam ..... Orange Free State, South Africa	30 00 12.0 S (30.0033)	24 44 30.0 E ( 24.7417)	1267.0	PRE
PKS	F (phase code designation)				
PLA	C Palau ..... Belau see international code PLL	7 20 .. N ( 7.3333)	134 29 .. E (134.4833)	390.0	
(PLA)					
PLC	Palomares Road ..... Alameda County, California, U.S.A. opened 19690627. MNLO code CPL.	37 37 52.8 N (37.6313)	121 57 22.2 W (121.9562)	463.0	MNLO
PLD	Plavdiv ..... Bulgaria opened 19830801.	42 06 18.0 N (42.1050)	24 42 10.8 E ( 24.7030)	176.0	SOF
PLDF	La Plantade ..... Auvergne, France opened 198306.	45 58 11.4 N (45.9698)	3 37 16.2 E ( 3.6212)	940.0	
PLE	Piļevija ..... Yugoslavia opened 19821225.	43 19 47.5 N (43.3299)	19 23 39.3 E ( 19.3942)	1181.0	TTG
(PLE)	see international code PLEC				
PLEC	R Pleito Hills ..... Kern County, California, U.S.A. opened 198103. PAS code PLE.	34 58 06.6 N (34.9685)	119 04 04.8 W (119.0680)	1082.0	PAS
PLG	Palygyros ..... Greece (40.3739) ( 23.4456)	40 22 26.0 N (40.3739)	23 26 44.0 E ( 23.4456)	580.0	ATH
PLH	Pulheim ..... Nordrhein-Westfalen, Fed. Rep. of Germany opened 1981.	51 00 19.2 N (51.0053)	6 49 13.8 E ( 6.8205)	-300.0	
PLI	Panarea ..... Lipori Islands, Italy (38.6281) ( 15.0619)	38 37 41.0 N (38.6281)	15 03 43.0 E ( 15.0619)	98.0	LLI
PLL	Puu Ulaula ..... Hawaii, Hawaii, U.S.A. HVO code PLA.	19 32 00.0 N (19.5333)	155 27 40.2 W (155.4612)	2992.0	HVO
PLM	D Palomar ..... San Diego County, California, U.S.A. com opened 19390907. WWSS 19611118-19630128.	33 21 12.4 N (33.3534)	116 51 42.1 W (116.8617)	1692.0	PAS WWSS
PLN	Plauen ..... German Dem. Rep. (50.4867) ( 12.1589)	50 29 12.0 N (50.4867)	12 09 32.0 E ( 12.1589)	420.0	
PLO	R Pochutla ..... Oaxaca, Mexico see international code LRC	...	...	...	UNM
(PLO)					
PLOC	F (phase code designation)				
PLOM	(Alternate Abbreviation for LRC)				
PLP	Palo ..... Leyte, Philippines opened 19751005.	11 09 54.0 N (11.1650)	124 58 43.8 E (124.9788)	...	MAN
(PLR)	see international code PLRM				
PLRM	Palmer USGS ..... Central Alaska, Alaska, U.S.A. opened 19840920. AGS code PLR.	61 35 31.8 N (61.5922)	149 07 51.0 W (149.1308)	100.0	AGS
PLS	C Point Lisas ..... Trinidad, Trinidad and Tobago 19771001-19780601.	10 24 46.8 N (10.4130)	61 29 24.0 W ( 61.4900)	...	TRN
PLT	D Pilot Knob ..... Imperial County, California, U.S.A. opened 197303.	32 43 52.2 N (32.7312)	114 43 45.6 W (114.7293)	61.0	PAS
PLU	R Palu ..... Turkey opened 197309.	38 42 00.0 N (38.7000)	39 55 51.0 E ( 39.9308)	979.0	ISK
PLV	Phu-Lien (Kien-An) ..... Vietnam 1924-1944; 1957-1977; reopened 1979.	20 48 21.7 N (20.8060)	106 37 44.4 E (106.6290)	90.0	PLV
PLVA	Point Lookout ..... Virginia, U.S.A. opened 19821130.	36 40 00.0 N (36.6667)	81 09 40.0 W ( 81.1611)	1353.0	TEIC
PLY	Plymouth ..... Tobago, Trinidad and Tobago (11.2170) ( 60.7790)	11 13 01.2 N (11.2170)	60 46 44.4 W ( 60.7790)	9.0	TRN
PM-	(Alternate Abbreviation for PM-WY)				
PM-WY	C Pole Mountain ..... Wyoming, U.S.A. 19611125-19630710.	41 12 27.0 N (41.2075)	105 21 39.0 W (105.3608)	2469.0	LRSM
PMA	C Port Moller ..... Alaska Peninsula, Alaska, U.S.A. opened 19720906.	55 58 43.0 N (55.9786)	160 29 50.0 W (160.4972)	314.0	PMR

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PMC	C Poorman Mine ..... Colorado, U.S.A. 1965-about 1969?	40 01 48.0 N (40.0300)	105 20 13.0 W (105.3369)	1990.0	BOU
(PMC)	see international code PMCM				
PMCB	Pelee Morne Calabasse ..... Martinique FDF code PCM.	14 47 48.6 N (14.7968)	61 08 55.2 W ( 61.1487)	730.0	FDF
PMCM	McMillan Canyon ..... San Luis Obispo County, California, U.S.A. MNLO code PMC.	35 43 28.8 N (35.7247)	120 22 13.8 W (120.3705)	488.0	MNLO
PME	Palmer East ..... Central Alaska, Alaska, U.S.A.	61 37 42.0 N (61.6283)	149 01 54.0 W (149.0317)	232.0	PMR
PMG	Port Moresby ..... New Guinea, Papua New Guinea opened 19571201; WWSS opened 19620720.	9 24 33.0 S ( 9.4092)	147 09 14.0 E (147.1539)	67.0	PMG WWSS
PMGM	Santa Margarita ..... San Luis Obispo County, California, U.S.A. MNLO code PMGM.	35 25 47.4 N (35.4298)	120 31 13.2 W (120.5203)	529.0	MNLO
(PMGM)	see international code PMGM				
PMK	Pointe Molloy ..... Kerguelen Islands (49.3609)	49 21 39.3 S (49.3609)	70 04 00.9 E ( 70.0669)	22.0	
PML	Pelee Morne Lenard ..... Martinique FDF code MLM.	14 46 51.6 N (14.7810)	61 11 01.8 W ( 61.1838)	370.0	FDF
PMM	Preso Malpaso ..... Chiapas, Mexico (17.1700)	17 10 12.0 N (17.1700)	93 36 10.0 W ( 93.6028)	215.0	UNM
PMMC	Merrill Creek ..... New Jersey, U.S.A. (40.6410)	40 38 27.6 N (40.6410)	75 07 22.8 W ( 75.1230)	152.0	BLMY
PMN	C Pahute Mesa ..... Nevada, U.S.A. 19730605-19730622.	37 16 50.4 N (37.2807)	116 18 07.2 W (116.3020)	2141.0	USGS
PMO	D Pamariario ..... Tuamotu Archipelago, French Polynesia (15.0036)	15 00 13.0 S (15.0036)	147 53 50.0 W (147.8972)	2.0	PPT
PMP	C Pompeii ..... Campania, Italy (40.7500)	40 45 .. N (40.7500)	14 30 .. E ( 14.5000)	...	
(PMP)	see international code MOP				
PMPPM	(Alternate Abbreviation for MOP)				
PMR	Palmer ..... Central Alaska, Alaska, U.S.A. opened 19670901.	61 35 32.0 N (61.5922)	149 07 51.0 W (149.1308)	100.0	PMR USTN
(PMR)	see international code PMRM				
PMRM	Maxey Ranch ..... San Luis Obispo County, California, U.S.A. MNLO code PMR.	35 47 05.4 N (35.7848)	120 14 08.4 W (120.2357)	512.0	MNLO
PMS	Palmer South (Arctic Valley) ..... Central Alaska, Alaska, U.S.A. opened 19670525.	61 14 41.0 N (61.2447)	149 33 38.0 W (149.5606)	716.0	PMR
PMT	Pine Mountain ..... Oregon, U.S.A. opened 19690922.	43 47 27.2 N (43.7909)	120 56 41.7 W (120.9449)	1924.0	
PMV	Pico Espejo ..... Venezuela opened 19800211.	8 32 .. N ( 8.5333)	71 03 .. W ( 71.0500)	4765.0	UAV
PMW	C Pale Mountain ..... Wyoming, U.S.A. 19611208-196308. (Alternate Abbreviation for PN-OR)	41 12 36.0 N (41.2100)	105 20 05.0 W (105.3347)	2440.0	BKN
PN-OR	C Pine Creek ..... Oregon, U.S.A. (43.7431)	43 44 35.0 N (43.7431)	118 34 38.0 W (118.5772)	1250.0	LRSM
PNA	Partacoona ..... South Australia, Australia opened 196909.	32 00 22.0 S (32.0061)	138 09 54.0 E (138.1650)	180.0	ADE
PNB	C Pomio ..... New Britain, Papua New Guinea 19710806-19720531.	5 31 30.0 S ( 5.5250)	151 30 30.0 E (151.5083)	4.0	PMG
PNC	C Pine Canyon ..... Monterey County, California, U.S.A. 19670924-1976?	36 33 43.8 N (36.5622)	121 38 10.8 W (121.6363)	305.0	MNLO
PNG	Penghu (Hokoto) ..... China (Taiwan) (23.5333)	23 32 .. N (23.5333)	119 33 .. E (119.5500)	9.0	TAP
PNH	Pitcher Mountain ..... New Hampshire, U.S.A. opened 197601.	43 05 39.0 N (43.0942)	72 08 09.0 W ( 72.1358)	659.0	CAM
PNI	Pinerolo ..... Piemonte, Italy opened 197103.	44 55 09.0 N (44.9192)	7 18 50.0 E ( 7.3139)	585.0	GEN
PNJ	C Poterson ..... New Jersey, U.S.A. 197203-1978.	40 54 25.5 N (40.9071)	74 09 17.4 W ( 74.1548)	31.0	
PNK	C Pinkham Creek ..... Montana, U.S.A. 197102-19740710.	48 46 03.6 N (48.7677)	115 05 16.8 W (115.0880)	1150.0	MSO
PNL	Peninsula ..... Southeastern Alaska, Alaska, U.S.A. opened 19740902.	59 40 07.2 N (59.6687)	139 23 49.2 W (139.3970)	579.0	AGS
(PNM)	see international code PNMC				
PNMC	D Pinto Mountains ..... Riverside County, California, U.S.A. opened 197404. PAS code PNM.	33 58 38.4 N (33.9773)	115 48 03.0 W (115.8008)	1147.0	PAS

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PNN		Pinnacle Mountain ..... Alaska Peninsula, Alaska, U.S.A. opened 1974.	56 48 18.0 N (56.8050)	157 35 00.0 W (157.5833)	442.0	GIA
PNO		Pendleton ..... Oregon, U.S.A. opened 197506.	45 36 43.2 N (45.6120)	118 45 46.5 W (118.7629)	402.0	SEA
PNP		Penuelas ..... Puerto Rico opened 19750730.	18 03 29.9 N (18.0583)	66 41 01.1 W ( 66.6836)	200.0	USGS
PNR	C	Penrad ..... Nevada, U.S.A.	38 49 16.8 N (38.8213)	118 47 37.8 W (118.7938)	...	REN
PNS	C	Penas ..... Bolivia closed 1975.	16 16 02.0 S (16.2672)	68 28 24.0 W ( 68.4733)	3986.0	LPZ
PNT		Penticton ..... British Columbia, Canada opened 196001.	49 19 .. N (49.3167)	119 37 .. W (119.6167)	550.0	OTT
PNY		Plattsburgh ..... New York, U.S.A. opened 197108.	44 50 03.0 N (44.8342)	73 33 18.0 W ( 73.5550)	177.0	PAL
PO-		(Alternate Abbreviation for PO-TX)				
PO-TX	C	Past ..... Texas, U.S.A. 19611209-19611220.	33 28 32.0 N (33.4756)	101 21 44.0 W (101.3622)	914.0	LRSN
PO9		(Alternate Abbreviation for POI)				
POA		Poas ..... Costa Rica Opened 19840317.	10 09 08.4 N (10.1523)	84 13 01.4 W ( 84.2171)	2093.0	HDC
POB	RD	Polly Butte ..... Riverside County, California, U.S.A. opened 197605.	33 41 12.1 N (33.6867)	116 55 23.9 W (116.9233)	...	PAS
POC	C	La Pocatiere ..... Quebec, Canada closed 19801017.	47 21 52.0 N (47.3644)	70 02 27.0 W ( 70.0408)	61.0	OTTR
POE		Porton East ..... England, United Kingdom 19750928-19771013; reopened 19780721.	51 08 41.0 N (51.1447)	1 39 14.0 W ( 1.6539)	125.0	BKN
POH		Pohaiiki ..... Hawaii, Hawaii, U.S.A. HVO code POI.	19 27 25.2 N (19.4570)	154 51 13.2 W (154.8537)	16.0	HVO
POI		Polino ..... Lazio, Italy opened 1981?	42 34 27.6 N (42.5743)	12 56 30.6 E ( 12.9418)	...	ROM
(POI)		see international code POH				
POL	C	Pala ..... Yugoslavia	44 52 .. N (44.8667)	13 51 .. E ( 13.8500)	32.0	
(POL)		see international code PWH				
POM	C	Pomona ..... Los Angeles County, California, U.S.A. opened 1949.	34 06 .. N (34.1000)	117 43 .. W (117.7167)	350.0	
PON	C	Ponce ..... Puerto Rico 19740816-19750717.	18 00 12.0 N (18.0033)	66 36 50.0 W ( 66.6139)	50.0	USGS
PONY	R	Stone Ridge ..... New York, U.S.A.	41 51 06.1 N (41.8517)	74 09 00.0 W ( 74.1500)	...	
POO		Paana ..... Maharashtra, India opened 19641005.	18 32 .. N (18.5333)	73 51 .. E ( 73.8500)	560.0	NDI WWSS
POP	C	Papandetta ..... New Guinea, Papua New Guinea 196412-196602.	8 44 04.0 S ( 8.7344)	148 14 58.0 E (148.2494)	100.0	PMG
POR	C	Portland ..... Maine, U.S.A.	43 41 .. N (43.6833)	70 17 .. W ( 70.2833)	...	
POS	C	Porton South ..... England, United Kingdom 1977101-19780712.	51 08 17.1 N (51.1381)	1 38 00.0 W ( 1.6333)	122.0	BKN
POT		Potsdam ..... German Dem. Rep.	52 22 49.0 N (52.3803)	13 04 04.0 E ( 13.0678)	80.0	
POU		Pouilloux ..... Lyonnais, France	46 36 52.6 N (46.6146)	4 21 54.7 E ( 4.3652)	327.0	
POW		Pawhatan ..... Arkansas, U.S.A. opened 19740619.	36 09 07.2 N (36.1520)	91 11 06.0 W ( 91.1850)	156.0	SLM USTN
PP-		(Alternate Abbreviation for PP-MN)				
PP-MN	C	Pipestone ..... Minnesota, U.S.A.	44 04 39.0 N (44.0775)	96 09 03.0 W ( 96.1508)	533.0	LRSN
PP02	R	Colachata ..... Peru	12 37 38.4 S (12.6273)	75 58 42.0 W ( 75.9783)	1655.0	LIM
PP03	R	Condor ..... Peru	13 32 28.2 S (13.5412)	75 31 27.0 W ( 75.5242)	1400.0	LIM
PP04	R	Saramarca ..... Peru	14 29 07.8 S (14.4855)	75 05 29.4 W ( 75.0915)	750.0	LIM
PP05	R	Tocata ..... Peru	15 39 19.8 S (15.6555)	74 05 11.4 W ( 74.0865)	1005.0	LIM
PP06		Puquia ..... Peru	14 41 43.8 S (14.6955)	74 07 24.6 W ( 74.1235)	3200.0	LIM
PP07	R	Ayacucho ..... Peru	13 05 .. S (13.0833)	74 15 .. W ( 74.2500)	2800.0	LIM
PP08	R	Chalhuanca ..... Peru	14 17 18.0 S (14.2883)	73 14 40.8 W ( 73.2447)	3000.0	LIM

CODES



## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PP09	R Villa El Salvador ..... Peru	12 12 48.0 S (12.2133)	76 56 12.0 W ( 76.9367)	100.0	LIM
PP10	R Ancon ..... Peru	11 46 20.4 S (11.7723)	77 08 35.4 W ( 77.1432)	56.0	LIM
PPA	C Pie de Palo ..... San Juan, Argentina	31 30 56.0 S (31.5156)	68 16 10.0 W ( 68.2694)	550.0	ZON
PPC	C Pine Pass ..... British Columbia, Canada 196907-197109.	55 24 .. N (55.4000)	122 37 .. W (122.6167)	...	EDM
PPE	Papeni ..... Romania opened 1981.	46 13 .. N (46.2167)	27 37 .. E ( 27.6167)	267.0	BUC
(PPF)	see international code PKF				
PPFM	(Alternate Abbreviation for PKF)				
PPH	Pasion Peak ..... Mindanao, Philippines opened 1980118.	7 50 57.0 N ( 7.8492)	126 11 13.8 E (126.1872)	...	MAN
PPI	Padangpanjang ..... Sumatera, Indonesia	0 27 24.6 S ( 0.4568)	100 23 49.2 E (100.3970)	...	DJA
PPK	Piper Mountain ..... Inyo County, California, U.S.A. opened 19790713.	37 25 35.0 N (37.4264)	117 54 26.0 W (117.9072)	1830.0	USGS
PPL	Puu Pili ..... Hawaii, Hawaii, U.S.A. opened 197102.	19 09 30.0 N (19.1583)	155 27 52.2 W (155.4645)	35.0	HVO
PPM	Popocatepetl ..... Mexico, Mexico	19 04 00.0 N (19.0667)	98 37 36.0 W ( 98.6267)	4000.0	UNM
PPN	D Papeete ..... Tahiti, Society Islands, French Polynesia	17 31 51.0 S (17.5308)	149 25 56.0 W (149.4322)	100.0	PPT
PPR	Puerto Princesa ..... Palawan, Philippines opened 1972.	9 46 34.9 N ( 9.7764)	118 43 51.0 E (118.7308)	14.0	MAN
(PPR)	see international code PPRM				
PPRM	Paso Robles ..... San Luis Obispo County, California, U.S.A. MNLO code PPR.	35 38 51.6 N (35.6477)	120 42 02.4 W (120.7007)	279.0	MNLO
PPS	C Pierpont ..... South Carolina, U.S.A. opened 19760331.	32 49 25.0 N (32.8236)	80 02 24.0 W ( 80.0400)	...	USGS
PPT	D Papeete (Pomiti) ..... Tahiti, Society Islands, French Polynesia	17 34 08.0 S (17.5689)	149 34 32.0 W (149.5756)	260.0	PPT
(PPT)	see international code PTV				
PPTM	(Alternate Abbreviation for PTV)				
PPU	C Promontory Point ..... Box Elder County, Utah, U.S.A. 197409-197508.	41 18 38.0 N (41.3106)	112 25 49.0 W (112.4303)	1874.0	SLC
PPZ	C Puysegur Point ..... South Island, New Zealand 19720406-19720424.	46 08 26.0 S (46.1406)	166 37 36.0 E (166.6267)	3.0	WEL
PO-ID	C Preston ..... Idaho, U.S.A. 19671107-19671210.	42 13 41.0 N (42.2281)	111 42 57.0 W (111.7158)	1554.0	LRSM
PQ0	Cooper Hill ..... Maine, U.S.A.	44 59 10.7 N (44.9863)	67 28 02.6 W ( 67.4674)	219.0	WES
PQ1	East Ridge ..... Maine, U.S.A.	44 54 12.6 N (44.9035)	67 19 37.6 W ( 67.3271)	93.0	WES
PQN	Pahaquarry ..... New Jersey, U.S.A. opened 197302.	41 00 26.4 N (41.0073)	75 05 09.0 W ( 75.0858)	229.0	PAL
PR-	(Alternate Abbreviation for PR-IS)				
PR-IS	C Palmyra Island ..... Line Islands, Kiribati 19620406-19620803; 19620930-19621104.	5 53 17.0 N ( 5.8881)	162 05 39.0 W (162.0942)	3.0	LRSM
PRA	Prague (Praha) ..... Czechoslovakia	50 04 13.0 N (50.0703)	14 25 59.0 E ( 14.4331)	225.0	
PRAF	R Pradon ..... Provence, France opened 198211.	43 48 15.5 N (43.8043)	5 10 09.1 E ( 5.1692)	700.0	STR
PRB	R Paraibuna ..... Sao Paulo, Brazil	...	...	...	BDF
PRC	C Point Reyes ..... Marin County, California, U.S.A. 19610909-19641221.	38 04 48.0 N (38.0800)	122 52 00.0 W (122.8667)	404.0	BRK
(PRC)	see international code PRCM				
PRCM	Roach Canyon ..... Fresno County, California, U.S.A. MNLO code PRC.	36 15 22.2 N (36.2562)	120 37 12.0 W (120.6200)	623.0	MNLO
PRE	Pretoria ..... Transvaal, South Africa opened 1949. WWSS 19621013-19810623.	25 45 12.0 S (25.7533)	28 11 24.0 E ( 28.1900)	1333.0	PRE WWSS
PRF	R Porvoo ..... Finland opened 19791003.	60 23 07.8 N (60.3855)	25 40 49.8 E ( 25.6805)	10.0	HEL
PRG	Perugia ..... Umbria, Italy	43 06 05.0 N (43.1014)	12 23 49.0 E ( 12.3969)	495.0	ROM
(PRG)	see international code PTE				
PRI	Priest ..... Fresno County, California, U.S.A. opened 19610915.	36 08 30.0 N (36.1417)	120 39 54.0 W (120.6650)	1187.0	BRK

CODES

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PRIN	Princeton ..... New Jersey, U.S.A. opened 197703.	40 22 00.7 N (40.3669)	74 43 04.5 W ( 74.7179)	110.0	PAL USTN
PRJ	Port Royal ..... Jamaica opened 19690809.	17 56 06.7 N (17.9352)	76 50 37.8 W ( 76.8438)	2.0	TRN
PRK	Paraskevi (Lesbos) ..... Greece (39.2461)	39 14 46.0 N (39.2461)	26 16 18.0 E ( 26.2717)	100.0	ATH
PRL	Portalegre ..... Portugal (39.3117)	39 18 42.0 N (39.3117)	7 21 34.0 W ( 7.3594)	1020.0	INMG
(PRL)	see international code PRLS				
PRLS	R Pirkuli ..... Azerbaijan S.S.R., U.S.S.R. MOS code PRL.	40 48 .. N (40.8000)	48 30 .. E ( 48.5000)	...	MOSR
PRM	Parsons Mountain ..... South Carolina, U.S.A. opened 19750704.	34 05 00.0 N (34.0833)	82 21 48.0 W ( 82.3633)	254.0	USGS USTN
PRN	Pahroc Range ..... Nevada, U.S.A. opened 1970.	37 24 25.0 N (37.4069)	115 02 59.0 W (115.0497)	1470.0	USGS
PRNI	Paran ..... Israel (30.3450)	30 20 42.0 N (30.3450)	34 59 49.2 E ( 34.9970)	500.0	JER
PRO	Pesara ..... Marche, Italy (43.9167)	43 55 .. N (43.9167)	12 55 .. E ( 12.9167)	...	
PROC	F (keyword for telegraphic format)				
PROCA	F (keyword for telegraphic format)				
PROCD	F (keyword for telegraphic format)				
PROCG	F (keyword for telegraphic format)				
PRR	C Perris ..... Riverside County, California, U.S.A. opened 1949.	33 46 48.0 N (33.7800)	117 14 00.0 W (117.2333)	440.0	PAS
PRS	Paraiso ..... Monterey County, California, U.S.A. opened 19610707.	36 19 54.0 N (36.3317)	121 22 12.0 W (121.3700)	363.0	BRK
PRST	Prospect ..... Texas, U.S.A. (31.9520)	31 57 07.2 N (31.9520)	94 37 58.8 W ( 94.6330)	220.0	ATX
PRT	Prato ..... Toscana, Italy Sent to NEIS by ROM. (43.8800)	43 52 48.0 N (43.8800)	11 05 39.0 E ( 11.0942)	61.0	
PRU	Pruhanice ..... Czechoslovakia (49.9883)	49 59 18.0 N (49.9883)	14 32 30.0 E ( 14.5417)	302.0	PRU
PRV	C Porvoo ..... Finland (60.3571)	60 21 25.7 N (60.3571)	25 33 30.1 E ( 25.5584)	25.0	HEL
PRW	Prasser ..... Washington, U.S.A. opened 197506.	46 12 45.6 N (46.2127)	119 41 09.0 W (119.6858)	552.0	SEA
PRY	Parys ..... Orange Free State, South Africa (26.9283)	26 55 42.0 S (26.9283)	27 28 24.0 E ( 27.4733)	1455.0	PRE
PRZ	Przhevalsk ..... Kirghiz S.S.R., U.S.S.R. (42.4833)	42 29 .. N (42.4833)	78 24 .. E ( 78.4000)	1599.0	MOS
PSA	Petersburg ..... Southeastern Alaska, Alaska, U.S.A. opened 197512.	56 48 30.0 N (56.8083)	133 57 12.0 W (133.9533)	17.0	
(PSA)	see international code PSAM				
PSAM	San Arda ..... Monterey County, California, U.S.A. MNLO code PSA. (36.0253)	36 01 31.2 N (36.0253)	120 53 18.0 W (120.8883)	184.0	MNLO
PSC	C Isla de Pascua ..... Easter Island, Valparaiso, Chile opened 196508.	27 09 30.0 S (27.1583)	109 26 04.0 W (109.4344)	50.0	SAN
PSD	Pescadero ..... San Mateo County, California, U.S.A. opened 19701125. MNLO code JPS. (37.1990)	37 11 56.4 N (37.1990)	122 20 54.0 W (122.3483)	84.0	MNLO
(PSE)	see international code PSEM				
PSEM	See Canyon ..... San Luis Obispo County, California, U.S.A. MNLO code PSE. (35.2452)	35 14 42.6 N (35.2452)	120 45 52.8 W (120.7647)	201.0	MNLO
PSF	C Port Stanley ..... Falkland Islands (51.7000)	51 42 .. S (51.7000)	57 52 .. W ( 57.8667)	...	
PSG	Puerto de San Jose ..... Guatemala (13.9478)	13 56 52.2 N (13.9478)	90 47 29.4 W ( 90.7915)	5.0	
PSH	Peshawar ..... Pakistan (33.9371)	33 56 13.5 N (33.9371)	71 26 02.8 E ( 71.4341)	456.0	QUE
(PSH)	see international code PSHM				
PSHM	Shandan ..... San Luis Obispo County, California, U.S.A. MNLO code PSH. (35.5908)	35 35 27.0 N (35.5908)	120 24 55.2 W (120.4153)	390.0	MNLO
PSI	Prapat ..... Sumatera, Indonesia ( 2.6950)	2 41 42.0 N ( 2.6950)	98 55 26.4 E ( 98.9240)	...	DJA
(PSM)	see international code PSMM				
PSMM	Smith Mountain ..... Monterey County, California, U.S.A. opened 19750924. MNLO code PSM. (36.0697)	36 04 10.9 N (36.0697)	120 35 40.9 W (120.5947)	988.0	MNLO
PSN	Preselentsi ..... Bulgaria opened 19830801.	43 40 55.2 N (43.6820)	28 11 02.4 E ( 28.1840)	-171.0	SOF

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PSO	Pasta ..... Colombia opened 197101.	1 11 31.0 N ( 1.1919)	77 19 31.0 W ( 77.3253)	3010.0	BOG
PSP	RD Palm Springs ..... Riverside County, California, U.S.A. opened 197503.	33 47 37.8 N (33.7938)	116 32 55.8 W (116.5488)	195.0	PAS
(PSR)	see international code PSRM				
PSRM	Scobie Ranch ..... Monterey County, California, U.S.A. MNLO code PSR.	35 51 28.2 N (35.8578)	120 16 48.6 W (120.2802)	552.0	MNLO
PST	C Pasture Canyon ..... Carbon County, Utah, U.S.A. 196201-197703.	39 34 36.0 N (39.5767)	110 21 06.0 W (110.3517)	2118.0	USGS
(PST)	see international code PSTM				
PSTM	Stockdale Mountain ..... Monterey County, California, U.S.A. MNLO code PST.	35 55 43.8 N (35.9288)	120 30 30.0 W (120.5083)	573.0	MNLO
PSTOP	F (keyword for telegraphic format)				
PSV	R Peshtova ..... Tajik S.S.R., U.S.S.R.	38 36 .. N (38.6000)	69 54 .. E ( 69.9000)	...	MOSR
PSZ	Piszkesteto ..... Hungary (Alternate Abbreviation for PT-OR)	47 55 10.0 N (47.9194)	19 53 40.0 E ( 19.8944)	940.0	BUD
PT-OR	C Pendleton ..... Oregon, U.S.A. 19620126-19630729.	45 36 40.0 N (45.6111)	118 53 02.0 W (118.8839)	411.0	LRSM
PT01	Morro Solar ..... Peru	12 00 54.0 S (12.0150)	77 01 54.0 W ( 77.0317)	250.0	LIM
PT02	Quilmana ..... Peru	12 56 36.0 S (12.9433)	76 26 12.0 W ( 76.4367)	500.0	LIM
PT03	Guadalupe ..... Peru	13 59 30.0 S (13.9917)	75 47 48.0 W ( 75.7967)	400.0	LIM
PT04	Zamaca ..... Peru	14 40 18.0 S (14.6717)	75 36 54.0 W ( 75.6150)	400.0	LIM
PT05	R Jicamarca ..... Peru	11 57 17.4 S (11.9548)	76 52 09.6 W ( 76.8693)	700.0	LIM
PT06	Pisca ..... Peru opened 198105.	13 49 45.0 S (13.8292)	76 19 51.6 W ( 76.3310)	220.0	LIM
PT08	Suche ..... Peru Opened 19830830.	11 57 36.0 S (11.9600)	76 32 56.4 W ( 76.5490)	2880.0	LIM
PT09	Santa Fe ..... Peru Opened 19830826.	11 40 01.2 S (11.6670)	76 11 34.8 W ( 76.1930)	5200.0	LIM
PT10	Camacho ..... Peru Opened 19840312.	12 04 30.0 S (12.0750)	76 58 08.4 W ( 76.9690)	274.0	LIM
PT11	Juni ..... Peru Opened 19830921.	11 32 56.4 S (11.5490)	75 42 54.0 W ( 75.7150)	4480.0	LIM
PT2	RD Paint Dume ..... Los Angeles County, California, U.S.A. opened 197306. PAS code PTD.	34 00 15.0 N (34.0042)	118 48 23.0 W (118.8064)	40.0	PAS
PTA	C Punta Arenas ..... Magallanes, Chile	53 09 19.0 S (53.1553)	70 54 02.0 W ( 70.9006)	10.0	SAN
PTB	C Point Barrow ..... Northern Alaska, Alaska, U.S.A.	71 08 .. N (71.1333)	156 48 .. W (156.8000)	...	
PTC	Porto Cannone ..... Malise, Italy	41 55 47.0 N (41.9297)	15 02 33.0 E ( 15.0425)	40.0	
PTCR	Potenciana ..... Costo Rico Opened 19840317.	9 47 22.2 N ( 9.7895)	84 25 34.1 W ( 84.4261)	1510.0	HDC
PTD	Portland ..... Oregon, U.S.A. opened 196405.	45 30 30.0 N (45.5083)	122 42 59.0 W (122.7164)	208.0	
(PTD)	see international code PT2				
PTE	Portage ..... Central Alaska, Alaska, U.S.A. opened 19720829. AGS code PRG.	60 51 52.2 N (60.8645)	149 01 25.2 W (149.0237)	55.0	AGS
PTG	C Portageville ..... Missouri, U.S.A. 196711-196911.	36 25 39.6 N (36.4277)	89 42 13.2 W ( 89.7037)	...	SLM
PTI	Pocotello Creek ..... Idaho, U.S.A. opened 198411.	42 52 13.2 N (42.8703)	112 22 12.6 W (112.3702)	1670.0	SLC
PTJ	Puntijorko ..... Yugoslavia	45 54 00.0 N (45.9000)	15 57 29.0 E ( 15.9581)	988.0	
PTK	R Pertek ..... Turkey opened 1973.	...	...	...	ISK
PTL	Penteli ..... Greece opened 197111.	38 02 56.0 N (38.0489)	23 51 53.0 E ( 23.8647)	500.0	ATH
PTM	Pietermaritzburg ..... Natal, South Africa opened 1968.	29 37 37.6 S (29.6271)	30 24 12.6 E ( 30.4035)	671.0	PRE
PTN	Potsdam ..... New York, U.S.A. opened 197110. USTN closed 1985.	44 34 21.0 N (44.5725)	74 58 58.2 W ( 74.9828)	238.0	PAL USTN

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PTO	Porto (Serro da Pilar) ..... Portugal opened 1912. WWSS opened 19630330.	41 08 19.0 N (41.1386)	8 36 08.0 W ( 8.6022)	88.0	WWSS
PTP	Punta Puerta ..... Puerto Rico	18 14 10.2 N (18.2362)	65 37 03.0 W ( 65.6175)	...	
PTR	Petersen ..... Alabama, U.S.A. opened 19710109. MNLO code PET.	33 13 01.8 N (33.2172)	87 26 00.0 W ( 87.4333)	122.0	MNLO
(PTR)	see international code PTRM				
PTRM	Twisselman Ranch ..... San Luis Obispo County, California, U.S.A. MNLO code PTR.	35 39 16.8 N (35.6547)	120 12 40.2 W (120.2112)	643.0	MNLO
PTU	Portage ..... Box Elder County, Utah, U.S.A. opened 19761217.	41 55 45.6 N (41.9293)	112 19 28.8 W (112.3247)	2192.0	SLC
PTV	Peach Tree Valley ..... Monterey County, California, U.S.A. opened 19700416. MNLO code PPT.	36 06 30.0 N (36.1083)	120 43 16.2 W (120.7212)	506.0	MNLO
(PTY)	see international code TRC				
PTYM	(Alternate Abbreviation for TRC)				
PTZ	R Petauke ..... Zambia (Alternate Abbreviation for PU-MS)	...	...	...	LSZ
PU-					
PU-MS	C Purvis ..... Mississippi, U.S.A. 19650226-19650303.	31 09 07.0 N (31.1519)	89 32 56.0 W ( 89.5489)	91.0	LRSB
PUB	Puule Bay ..... Alaska Peninsula, Alaska, U.S.A. opened 1974.	57 46 24.0 N (57.7733)	155 31 00.0 W (155.5167)	280.0	GIA
PUC	R Puriscal ..... Costa Rica Also sent to NEIS by ICRE.	9 51 15.0 N ( 9.8542)	84 41 31.2 W ( 84.6920)	500.0	SJR
PUE	Pueblo ..... Puebla, Mexico Sent to NEIS by UNM.	19 02 30.0 N (19.0417)	98 11 48.0 W ( 98.1967)	2162.0	
PUH	Pauahi ..... Hawaii, U.S.A. opened 19731112. HVO code PAU.	19 22 37.2 N (19.3770)	155 13 06.0 W (155.2183)	994.0	HVO
PUJ	R Puerto Jimenez ..... Costa Rica Also sent to NEIS by ICRE.	8 32 00.0 N ( 8.5333)	83 20 52.2 W ( 83.3478)	50.0	SJR
PUK	Puka ..... Albania	42 02 33.7 N (42.0427)	19 53 34.1 E ( 19.8928)	...	TIR
PUL	D Pulkovo ..... Leningradskaya Oblast, R.S.F.S.R., U.S.S.R.	59 46 .. N (59.7667)	30 19 .. E ( 30.3167)	65.0	MOS
PUN	Puna ..... Peru	15 52 30.0 S (15.8750)	69 59 46.0 W ( 69.9961)	3860.0	
PUP	C Pupakea ..... Oahu, Hawaii, U.S.A. 1960-1965.	21 38 50.0 N (21.6472)	158 01 40.0 W (158.0278)	...	HON
PUR	Purari ..... New Guinea, Papua New Guinea opened 19750711.	6 59 17.0 S ( 6.9881)	145 04 24.0 E (145.0733)	300.0	PMC
PUS	C Pusan ..... South Korea	35 06 .. N (35.1000)	129 02 .. E (129.0333)	71.0	
PUT	Punta de Talca ..... Santiago, Chile opened 1975.	33 25 07.3 S (33.4187)	71 41 47.2 W ( 71.6964)	25.0	SAN
PUTN	Putnam ..... New York, U.S.A.	41 22 54.6 N (41.3818)	73 49 42.0 W ( 73.8283)	170.0	BLMY
PUU	C Piute Reservoir ..... Piute County, Utah, U.S.A. 197701-198007.	38 21 48.0 N (38.3633)	112 16 47.0 W (112.2797)	2598.0	SLC
PUV	Pulaski ..... Virginia, U.S.A. 1968-1968; reopened 1978.	37 01 32.5 N (37.0257)	80 48 56.9 W ( 80.8158)	652.0	BLA
PV-	(Alternate Abbreviation for PV-AR)				
PV-AR	C Perryville ..... Arkansas, U.S.A. 19620615-19620628.	34 55 46.0 N (34.9294)	92 40 12.0 W ( 92.6700)	213.0	LRSB
PV01	Paradox Valley (The Burn) ..... Colorado, U.S.A.	38 08 03.9 N (38.1344)	108 34 13.2 W (108.5703)	2182.0	NEIS USTN
PV02	Paradox Valley (Managrom Mesa) ..... Colorado, U.S.A.	38 12 26.4 N (38.2073)	108 44 13.8 W (108.7372)	2166.0	NEIS USTN
PV03	Paradox Valley (Wild Steer) ..... Colorado, U.S.A.	38 15 15.6 N (38.2543)	108 50 52.8 W (108.8480)	2007.0	NEIS USTN
PV04	Paradox Valley (Carpenter Flat) ..... Colorado, U.S.A.	38 23 36.3 N (38.3934)	108 54 19.5 W (108.9054)	1756.0	NEIS USTN
PV05	Paradox Valley (Three Step) ..... Colorado, U.S.A.	38 04 41.4 N (38.0782)	109 05 57.0 W (109.0992)	2115.0	NEIS USTN
PV06	Paradox Valley (Coal Canyon) ..... Colorado, U.S.A.	38 19 57.0 N (38.3325)	108 27 27.6 W (108.4577)	2213.0	NEIS USTN
PV07	Paradox Valley (Long Mesa) ..... Colorado, U.S.A.	38 26 16.8 N (38.4380)	108 38 48.0 W (108.6467)	2001.0	NEIS USTN
PV08	Paradox Valley (Montpelier) ..... Colorado, U.S.A.	38 34 34.7 N (38.5763)	108 38 49.4 W (108.6471)	2940.0	NEIS USTN
PV09	Paradox Valley (North La Sal) ..... San Juan County, Utah, U.S.A.	38 29 55.2 N (38.4987)	109 08 00.6 W (109.1335)	2652.0	NEIS USTN
PV10	Paradox Valley (South La Sal) ..... Colorado, U.S.A.	38 22 34.8 N (38.3763)	109 02 19.8 W (109.0388)	2316.0	NEIS USTN

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
PVC	Port Vila ..... Vanuatu Islands opened 19600101.	17 44 24.0 S (17.7400)	168 18 43.0 E (168.3119)	80.0	NOU
PVL	Povlikeni ..... Bulgaria opened 1965.	43 08 48.0 N (43.1467)	25 10 18.0 E ( 25.1717)	187.0	SOF
PVN	C Peters Valley ..... New Jersey, U.S.A. 197302-197407.	41 11 44.4 N (41.1957)	74 52 10.8 W ( 74.8697)	175.0	PAL
PVP	C Pueblo Viejo ..... Peru (see international code PVPS)	15 47 29.0 S (15.7914)	74 13 16.0 W ( 74.2211)	233.0	
PVPS	R Polos Verdes ..... Los Angeles County, California, U.S.A. USC code PVP.	33 47 12.0 N (33.7867)	118 24 09.0 W (118.4025)	...	USC
PVR	C Polos Verdes ..... Los Angeles County, California, U.S.A. opened 19560321.	33 45 30.0 N (33.7583)	118 21 24.0 W (118.3567)	340.0	PAS
PVY	Plov ..... Yugoslavia opened 19841101.	42 35 42.0 N (42.5950)	19 58 24.6 E ( 19.9735)	1250.0	TTG
PW-	(Alternate Abbreviation for PW-IL)				
PW-IL	C Pontiac ..... Illinois, U.S.A. 19660629-19660630.	40 54 58.0 N (40.9161)	88 35 07.0 W ( 88.5853)	210.0	LRSN
PWA	Palmer West (Houston) ..... Central Alaska, Alaska, U.S.A. opened 19670523.	61 39 03.0 N (61.6508)	149 52 43.0 W (149.8786)	137.0	PMR
PWH	Poliokeowe Pali ..... Hawaii, Hawaii, U.S.A. opened 19730523. HVO code POL.	19 17 01.2 N (19.2837)	155 13 28.2 W (155.2245)	169.0	HVO
(PWK)	(see international code WKR)				
PWK	(Alternate Abbreviation for WKR)				
PWL	Port Wells ..... Central Alaska, Alaska, U.S.A. opened 19740803.	60 51 33.6 N (60.8593)	148 20 05.4 W (148.3348)	549.0	AGS
PWLA	Pickwick Lake ..... Alabama, U.S.A. opened 19800514.	34 58 47.9 N (34.9800)	88 03 49.2 W ( 88.0637)	204.0	TEIC USTN
PWM	C Pinawa ..... Manitoba, Canada 19781006-19840515.	50 11 31.0 N (50.1919)	96 02 11.0 W ( 96.0364)	274.0	OTTR
(PWM)	(see international code PWMM)				
PWMM	R Westland Maintenance Station ..... Fresno County, California, U.S.A. MNLO code PWM.	36 12 39.6 N (36.2110)	120 12 39.6 W (120.2110)	72.0	MNLO
PWP	C Barrio Florida ..... Puerto Rico 197503-19780313.	18 08 06.0 N (18.1350)	65 26 42.0 W ( 65.4450)	10.0	PAL
PWS	C Pulau-Weh ..... Sumatera, Indonesia ( 5.8333)	5 50 .. N ( 5.8333)	95 18 .. E ( 95.3000)	...	
PWV	Princeton ..... West Virginia, U.S.A. opened 197803.	37 20 05.3 N (37.3348)	81 02 55.7 W ( 81.0488)	820.0	BLA
PX-	(Alternate Abbreviation for PX-WV)				
PX-WV	C Philippi ..... West Virginia, U.S.A. (39.0761)	39 04 34.0 N (39.0761)	79 54 40.0 W ( 79.9111)	518.0	LRSN
PY-	(Alternate Abbreviation for PY-AZ)				
PY-AZ	C Poyson ..... Arizona, U.S.A. (34.2542)	34 15 15.0 N (34.2542)	111 19 37.0 W (111.3269)	1516.0	LRSN
PYA	Pyatigorsk ..... Stavropolskiy Kray, R.S.F.S.R., U.S.S.R. (44.0333)	44 02 00.0 N (44.0333)	43 03 30.0 E ( 43.0583)	497.0	MOS
PYF	(Alternate Abbreviation for EPF)				
PYM	Petit Puy de Monson ..... Auvergne, France opened 198006.	45 45 02.0 N (45.7506)	3 00 28.6 E ( 3.0079)	970.0	PAR
PYN	Panelayo ..... Nicaragua opened 1975.	12 22 55.8 N (12.3822)	87 01 20.4 W ( 87.0223)	50.0	APY
PYO	C Pyongyang (Heizo) ..... North Korea (39.0333)	39 02 .. N (39.0333)	125 45 .. E (125.7500)	51.0	
PYR	D Pyramid ..... Los Angeles County, California, U.S.A. opened 196907. USTN closed.	34 34 04.8 N (34.5680)	118 44 27.9 W (118.7411)	1247.0	CDWR USTN
PYT	Playitas ..... Nicaragua opened 1975.	12 31 41.4 N (12.5282)	86 03 52.8 W ( 86.0647)	460.0	APY
PZ-	(Alternate Abbreviation for PZ-PR)				
PZ-PR	C Ponce ..... Puerto Rico 19630910-19640313.	17 58 12.0 N (17.9700)	66 25 04.0 W ( 66.4178)	5.0	LRSN
PZC	U Pizono Creek ..... Mono County, California, U.S.A. 197507-197709.	37 57 54.7 N (37.9652)	118 34 05.9 W (118.5683)	2103.0	REN
PZI	Palazzola Acreide ..... Sicily, Italy opened 198310.	37 03 20.2 N (37.0556)	14 56 48.1 E ( 14.9467)	697.0	ROM
PZX	C Pozo Rica ..... Veracruz, Mexico (20.5389)	20 32 20.0 N (20.5389)	97 27 33.0 W ( 97.4592)	150.0	MEX

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
QAL	R	Quail Lake ..... Los Angeles County, California, U.S.A. opened 198103.	34 44 58.8 N (34.7497)	118 42 52.8 W (118.7147)	1256.0	PAS
QCC		Queen Charlotte ..... British Columbia, Canada 19710724-19770713.	53 15 18.0 N (53.2550)	132 05 18.0 W (132.0883)	3.0	OTTR
QCI	C	Quarta Castello ..... Toscana, Italy	43 49 .. N (43.8167)	11 13 .. E ( 11.2167)	120.0	
QCP		Quezon City (Manila Observatory) ..... Luzon, Philippines opened 1868.	14 38 13.3 N (14.6370)	121 04 37.5 E (121.0771)	58.0	QCP
QCO		Quebec ..... Quebec, Canada	46 46 44.0 N (46.7789)	71 16 33.0 W ( 71.2758)	91.0	
QCR		Quepos ..... Costa Rica Also sent to NEIS by ICRE.	9 26 31.2 N ( 9.4420)	84 09 45.0 W ( 84.1625)	50.0	SJR
QCS		Queen City Summit ..... Nevado, U.S.A. opened 19790608.	37 46 04.0 N (37.7678)	115 54 59.0 W (115.9164)	1890.0	USGS
QIB	R	Qibla Bandi ..... Pakistan opened 1974?	33 54 02.4 N (33.9007)	72 35 33.0 E ( 72.5925)	396.0	PAL
QIZ		Qiangzhong ..... Guangdong, China (Mainland) BJI code QZN.	19 01 46.0 N (19.0294)	109 50 36.0 E (109.8433)	230.0	BJI
QLNY		Queensboro Lake ..... New York, U.S.A.	41 18 33.0 N (41.3092)	74 02 15.0 W ( 74.0375)	238.0	BLMY
QM-NV	C	Quartzite Mountain ..... Nevada, U.S.A. 19700125-19700424; 19700830-19710808.	37 33 47.0 N (37.5631)	116 19 04.0 W (116.3178)	1878.0	LRSM
QMB	C	Queensbury ..... England, United Kingdom 19740710-19791115.	53 45 54.0 N (53.7650)	1 51 27.0 W ( 1.8575)	116.0	QMB
QMO	C	Quartz Mountain State Park ..... Oklahoma, U.S.A. 19770729-1980. (Alternate Abbreviation for QN-BC)	34 53 34.5 N (34.8929)	99 18 25.4 W ( 99.3071)	479.0	TUL
QN-BC	C	Quesnel ..... British Columbia, Canada 19621026-19621027.	52 57 25.0 N (52.9569)	122 23 45.0 W (122.3958)	610.0	LRSM
QNR	U	Quinn River ..... Nevada, U.S.A. 197403-197508.	41 41 49.9 N (41.6972)	117 57 18.0 W (117.9550)	1433.0	REN
QPB	F	(phase code designation)				
QPC	F	(phase code designation)				
QPD	F	(phase code designation)				
QPG	F	(phase code designation)				
QPN	F	(phase code designation)				
QPR	F	(phase code designation)				
QPS		Quepos ..... Costa Rica Opened 19840317.	9 24 11.2 N ( 9.4031)	84 07 56.1 W ( 84.1323)	83.0	HDC
QPU	F	(phase code designation)				
QRV	C	Quinn River Valley ..... Nevada, U.S.A. 197403-197508.	41 41 50.0 N (41.6972)	117 57 18.0 W (117.9550)	1433.0	REN
QSB	F	(phase code designation)				
QSG	F	(phase code designation)				
QSM		Queen of Sheba Mine ..... Inyo County, California, U.S.A. opened 19781128.	35 57 56.0 N (35.9656)	116 52 06.0 W (116.8683)	385.0	USGS
QSN	F	(phase code designation)				
QSR		Quien Sabe Ranch ..... Inyo County, California, U.S.A. opened 19690529. MNLO code HOR.	36 50 01.2 N (36.8337)	121 12 45.6 W (121.2127)	536.0	MNLO
QSTOP	F	(keyword for telegraphic format)				
QTN	R	Queenstown ..... Tasmania, Australia	43 06 .. S (43.1000)	145 36 .. E (145.6000)	...	TAU
QTO	R	Quito ..... Ecuador	...	...	...	
QUA		Quabbin ..... Massachusetts, U.S.A. opened 19770507.	42 27 23.8 N (42.4566)	72 22 25.8 W ( 72.3738)	201.0	WES
QUE		Quetta ..... Pakistan opened 1954; WWSS opened 19620731.	30 11 18.0 N (30.1883)	66 57 00.0 E ( 66.9500)	1721.0	QUE WWSS
QUI	C	Quito ..... Ecuador 1873?-19780101. WWSS 19630301-19780101.	0 12 00.5 S ( 0.2001)	78 30 01.8 W ( 78.5005)	2837.0	QUI WWSS
QUIT	F	(keyword for station file programs)				
QUL		Quillagua ..... Antofagasta, Chile	21 39 20.0 S (21.6556)	69 31 42.0 W ( 69.5283)	800.0	SAN
QUM	C	Quillmana ..... Peru	12 57 18.0 S (12.9550)	76 23 12.0 W ( 76.3867)	500.0	LIM
QUPO	R	Quetta ..... Pakistan	...	...	...	SRO
QUR		Rumipamba ..... Ecuador	0 10 18.0 S ( 0.1717)	78 31 44.0 W ( 78.5289)	3320.0	QUI
QUT		Tumbaco ..... Ecuador	0 12 08.0 S ( 0.2022)	78 23 32.0 W ( 78.3922)	2345.0	QUI

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
QZG	Quezaltepeque ..... Guatemala	14 38 10.8 N (14.6363)	89 23 02.4 W ( 89.3840)	1798.0	GCG
QZH	Quanzhou ..... Fujian, China (Mainland) opened 197010.	24 56 35.2 N (24.9431)	118 35 30.2 E (118.5917)	21.0	BJI
QZN (QZN)	(Alternate Abbreviation for QZH) see international code QIZ				
QZO	Quartz Mountain State Park ..... Oklahoma, U.S.A. opened 1980?	34 54 18.7 N (34.9052)	99 18 19.1 W ( 99.3053)	488.0	TUL
RAB	Rabaul ..... New Britain, Papua New Guinea opened 1940; WWSS opened 19620310.	4 11 28.6 S ( 4.1913)	152 10 11.4 E (152.1698)	184.0	RAB WWSS
RAC	Raciborz ..... Poland	50 05 00.0 N (50.0833)	18 11 39.0 E ( 18.1942)	209.0	WAR
RAG	Rogun ..... Tajik S.S.R., U.S.S.R. (RAG) see international code RAGM	38 42 .. N (38.7000)	69 48 .. E ( 69.8000)	...	MOSR
RAGM	Rugged Mountain ..... Central Alaska, Alaska, U.S.A. opened 1984. AGS code RAG.	60 23 13.2 N (60.3870)	144 40 30.6 W (144.6752)	739.0	AGS
RAI	Raspberry Island ..... Kodiak Island, Alaska, U.S.A. opened 197510.	58 03 37.8 N (58.0605)	153 09 33.0 W (153.1592)	520.0	GIA
RAK	Rakhov ..... Ukrainian S.S.R., U.S.S.R.	47 57 .. N (47.9500)	24 10 .. E ( 24.1667)	...	MOSR
RAL	Rabalanakala ..... New Britain, Papua New Guinea opened 1967.	4 13 13.0 S ( 4.2203)	152 12 07.0 E (152.2019)	91.0	RAB
RAM	Raman ..... Turkey opened 1966?	37 45 57.0 N (37.7658)	41 17 33.0 E ( 41.2925)	1185.0	IST
RAMA	Ramapo Mountain ..... New Jersey, U.S.A. opened 197811.	41 05 42.6 N (41.0952)	74 10 50.4 W ( 74.1807)	247.0	PAL
RAN	Rangoon ..... Burma opened 1963.	16 52 .. N (16.8667)	96 11 .. E ( 96.1833)	14.0	
RAO	Raoul ..... Kermadec Islands, New Zealand	29 15 06.0 S (29.2517)	177 55 06.0 W (177.9183)	110.0	WEL
RAP	Rapindik (Sulphur Creek) ..... New Britain, Papua New Guinea 1950-1958.	4 13 44.0 S ( 4.2289)	152 11 48.0 E (152.1967)	3.0	RAB
RAR	Raratonga ..... Cook Islands opened 196505. IDA opened 197610.	21 12 45.0 S (21.2125)	159 46 24.0 W (159.7733)	28.0	WEL WWSS IDA
RAT	Rat Island ..... Aleutian Islands, Alaska, U.S.A. 19701014-19730430.	51 47 56.7 N (51.7991)	178 19 48.3 E (178.3301)	226.0	USGS
RATZ	Rangitukua ..... North Island, New Zealand opened 198412.	38 52 07.0 S (38.8686)	175 46 16.0 E (175.7711)	649.0	WELT
RAV	Ravensburg ..... Baden-Wuerttemberg, Fed. Rep. of Germany opened 1914.	47 47 00.0 N (47.7833)	9 36 50.0 E ( 9.6139)	460.0	STU
RAY	RD Raywood Flat ..... Riverside County, California, U.S.A. opened 197511.	34 02 10.7 N (34.0363)	116 48 40.3 W (116.8112)	2342.0	PAS
RBA	Rabat ..... Morocco opened 196603.	34 00 32.0 N (34.0089)	6 50 26.0 W ( 6.8406)	39.0	SPGM
RBC	C Rio Blanco ..... Colorado, U.S.A. 197301-197312.	39 50 33.0 N (39.8425)	108 23 32.0 W (108.3922)	1996.0	NEIS
RBH	R Right Bank House--Pihur ..... Pakistan opened 1974?	34 04 13.8 N (34.0705)	72 40 13.8 E ( 72.6705)	364.0	PAL
RBL	Raibl ..... Friuli-Venezia Giulia, Italy opened 1977. Also sent to NEIS by ROM.	46 26 30.0 N (46.4417)	13 34 06.0 E ( 13.5683)	900.0	TRI
RBN	Rybnik ..... Poland	50 05 53.0 N (50.0981)	18 32 01.0 E ( 18.5336)	250.0	WAR
RBNC	Richland Balsam ..... North Carolina, U.S.A. opened 19820526.	35 21 25.2 N (35.3570)	82 59 09.6 W ( 82.9860)	1829.0	TEIC
RBU	Red Butte Canyon ..... Salt Lake County, Utah, U.S.A. opened 197406.	40 46 51.0 N (40.7808)	111 48 30.0 W (111.8083)	1676.0	SLC
RBV	U Rainbow Mountain ..... North Island, New Zealand 198401-198404.	38 19 16.0 S (38.3211)	176 23 16.0 E (176.3878)	...	WEL
RBZ	C Rabat Zaers ..... Morocco 196801-about 1977?	33 55 45.2 N (33.9292)	6 50 24.1 W ( 6.8400)	116.0	SPGM
RCC	Rio Carpintero ..... Cuba opened 19650725 sent to NEIS by MOS.	19 59 39.0 N (19.9942)	75 41 45.0 W ( 75.6958)	100.0	

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
RCD	Rapid City ..... South Dakota, U.S.A. 1943-196704; 196912-197411; reopened 197811. WWSS opened 19611215.	44 04 30.0 N (44.0750)	103 12 30.0 W (103.2083)	995.0	WWSS
RCG	Rack City ..... Georgia, U.S.A. opened 19811023.	34 58 30.0 N (34.9750)	85 20 52.8 W ( 85.3480)	468.0	TEIC
RCH	Reche Mountain ..... San Bernardino County, California, U.S.A. opened 197904.	34 18 26.4 N (34.3073)	116 21 01.8 W (116.3505)	841.0	PAS
RCI	Reggio Calabria ..... Calabria, Italy	38 06 20.0 N (38.1056)	15 38 36.0 E ( 15.6433)	29.0	ROM
RCL	Montereale Valcellina ..... Friuli-Venezia Giulia, Italy opened 19770803.	46 09 36.0 N (46.1600)	12 39 12.0 E ( 12.6533)	548.0	TRI
RCT	Riceville ..... Tennessee, U.S.A.	35 20 43.1 N (35.3453)	84 39 41.0 W ( 84.6614)	265.0	
RCW	R Richland ..... Washington, U.S.A.	46 20 50.0 N (46.3472)	119 16 28.0 W (119.2744)	390.0	
RCWM	Renegade Canyon West ..... Inyo County, California, U.S.A. opened 19750926. MNLO code WRC.	35 57 00.7 N (35.9502)	117 38 50.3 W (117.6473)	954.0	MNLO
RDG	Rabinal ..... Guatemala opened 1978.	15 00 27.0 N (15.0075)	90 28 18.6 W ( 90.4718)	1930.0	GCG
RDJ	Rio de Janeiro ..... Rio de Janeiro, Brazil	22 53 42.0 S (22.8950)	43 13 24.0 W ( 43.2233)	29.0	
RDM	D Round Mountain ..... San Bernardino County, California, U.S.A. opened 197612.	34 24 00.0 N (34.4000)	117 11 06.0 W (117.1850)	1426.0	PAS
RDP	Rocca di Papa ..... Lazio, Italy closed 1968; reopened 1983?	41 45 30.0 N (41.7583)	12 43 00.0 E ( 12.7167)	760.0	ROM
RDS	Richard D. Siegre ..... Central Alaska, Alaska, U.S.A. opened 197706.	64 49 35.4 N (64.8265)	148 08 40.8 W (148.1447)	510.0	GIA
RDT	Redoubt ..... Western Alaska, Alaska, U.S.A. opened 19710809.	60 34 25.8 N (60.5738)	152 24 22.2 W (152.4062)	930.0	AGS
REC	Recreo ..... Guatemala opened 1975.	14 26 15.0 N (14.4375)	90 31 21.6 W ( 90.5227)	1500.0	GCG
RED	Redoubt Volcano ..... Western Alaska, Alaska, U.S.A. opened 1974.	60 25 08.0 N (60.4189)	152 46 19.0 W (152.7719)	1067.0	GIA
REDP	Redondo Peak ..... New Mexico, U.S.A. opened 197710.	35 52 16.0 N (35.8711)	106 33 46.0 W (106.5628)	3417.0	LOA
REG	Rock Eagle ..... Georgia, U.S.A. opened 197802.	33 26 31.6 N (33.4421)	83 20 13.6 W ( 83.3371)	178.0	ATL
(REG)	see international code RGR				
REI	Reidavae ..... Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	45 16 .. N (45.2667)	148 01 .. E (148.0167)	...	SAKL
REL	C Relizane ..... Algeria	35 45 .. N (35.7500)	0 33 .. E ( 0.5500)	75.0	
REM	Remote ..... Western Alaska, Alaska, U.S.A.	65 57 18.0 N (65.9550)	164 34 40.2 W (164.5778)	300.0	
REN	C Reno ..... Nevada, U.S.A. 1911-197502.	39 32 24.0 N (39.5400)	119 48 47.0 W (119.8131)	1383.0	REN
RES	Resolute ..... Northwest Territories, Canada opened 1950. OTT 1950-19820328. OTT opened 19820407.	74 41 12.0 N (74.6867)	94 54 00.0 W ( 94.9000)	15.0	OTTR
REU	Reunion Island ..... Reunion opened 19680503.	21 11 42.0 S (21.1950)	55 34 38.0 E ( 55.5772)	1550.0	
REX	Rexburg ..... Idaho, U.S.A. opened 19720420.	43 48 45.0 N (43.8125)	111 47 00.0 W (111.7833)	1532.0	
REY	Reykjavik ..... Iceland	64 08 20.0 N (64.1389)	21 54 22.0 W ( 21.9061)	44.0	REY
RFA	San Rafael ..... Mendoza, Argentina	34 46 14.7 S (34.7707)	68 27 57.0 W ( 68.4658)	850.0	SJA
RFM	Reservoir Flats ..... Montana, U.S.A. opened 1984	46 06 16.8 N (46.1047)	112 29 12.6 W (112.4868)	2353.0	BUT
RG-	(Alternate Abbreviation for RG-SD)				
RG-SD	C Redig ..... South Dakota, U.S.A. 19651025-19660926.	45 12 59.0 N (45.2164)	103 32 05.0 W (103.5347)	945.0	LRSB
RGC	Rangely ..... Colorado, U.S.A. opened 19750201.	40 06 15.0 N (40.1042)	108 55 37.2 W (108.9270)	...	
RGD	C Ragged Mountain ..... Central Alaska, Alaska, U.S.A. 19740930-19761203.	60 13 09.0 N (60.2192)	144 32 44.4 W (144.5457)	610.0	AGS



## CODES

TABLE 1

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
RGR	R	Regar ..... Tojik S.S.R., U.S.S.R. MOS code REG.	38 30 N (38.5000)	68 14 E ( 68.2333)	...	MOS
RGZ	R	Rangipo ..... North Island, New Zealand opened 198408.	39 09 19.0 S (39.1553)	175 50 02.0 E (175.8339)	...	WEL
RH-NV	C	Rawhide Mountain ..... Nevada, U.S.A. 19691229-19700501; 19700831-19710817.	38 13 36.0 N (38.2267)	116 22 53.0 W (116.3814)	1768.0	LRSM
RHA		Reichold ..... Alabama, U.S.A. opened 19710109. MNLO code RHD. (Alternate Abbreviation for ARG) see international code RHA	33 14 30.0 N (33.2417)	87 27 57.6 W ( 87.4660)	83.0	MNLO
RHD (RHD)						
RHM		Rio Hardy ..... Baja California, Mexico opened 19690216.	32 08 32.0 N (32.1422)	115 17 10.0 W (115.2861)	10.0	PAS
RHO	C	Rhodes ..... Greece 19651118-19660404.	36 26 14.0 N (36.4372)	28 13 25.0 E ( 28.2236)	45.0	
RHP	C	Rhoboro Hills ..... South Island, New Zealand 19780428-19831121.	44 06 03.0 S (44.1008)	170 05 02.0 E (170.0839)	899.0	WELP
RHT		Red Hill ..... Tennessee, U.S.A.	35 04 41.2 N (35.0781)	84 52 57.0 W ( 84.8825)	299.0	
RHU		Roosevelt Hot Springs ..... Beaver County, Utah, U.S.A. opened 197701.	38 28 20.0 N (38.4722)	112 50 50.0 W (112.8472)	1905.0	SLC
RI-MS	C	Richton ..... Mississippi, U.S.A. 19690118-19690202; 19700416-19700422.	31 11 52.0 N (31.1978)	88 51 03.0 W ( 88.8508)	37.0	LRSM
RIA		Ribeira da Aeira ..... Azores, Portugal opened 1982.	38 39 35.0 N (38.6597)	28 02 22.0 W ( 28.0394)	420.0	PDA
RIB		Ribeirinha ..... Azores, Portugal opened 1980.	37 47 58.3 N (37.7995)	25 27 39.8 W ( 25.4611)	526.0	PDA
RIC	C	Richmond ..... Florida, U.S.A.	25 37 N (25.6167)	80 25 W ( 80.4167)	...	
RICH		Rich Mountain ..... North Carolina, U.S.A. opened 19830619.	35 55 08.4 N (35.9190)	82 49 08.4 W ( 82.8190)	968.0	TEIC
RIM		Rim ..... Hawaii, Hawaii, U.S.A. opened 19730524.	19 23 54.0 N (19.3983)	155 16 36.0 W (155.2767)	1128.0	HVO
RIN		Volcan Rincon de la Vieja ..... Costa Rica opened 198411.	10 46 26.4 N (10.7740)	85 21 28.8 W ( 85.3580)	775.0	HDC
RIO	C	Rio Grant (Coja del Rio) ..... New Mexico, U.S.A. 19750221-19760917.	35 45 17.0 N (35.7547)	106 10 32.0 W (106.1756)	2073.0	LOA
RIU		Riou ..... Central Alaska, Alaska, U.S.A. opened 19760803.	59 52 41.9 N (59.8783)	141 13 41.9 W (141.2283)	15.0	AGS
RIV		Riverview ..... New South Wales, Australia opened 1909. WWSS opened 19621221.	33 49 45.7 S (33.8294)	151 09 30.0 E (151.1583)	25.0	WWSS
RJF	D	Les Rejaudoux ..... Limousin, France opened 197510. (Alternate Abbreviation for RK-ON)	45 18 16.0 N (45.3044)	1 30 59.0 E ( 1.5164)	410.0	LDG
RK- RK-ON	C	Red Lake ..... Ontario, Canada 19630712-19700817; 19710924-19711109; 19730508-19730522.	50 50 20.0 N (50.8389)	93 40 20.0 W ( 93.6722)	366.0	LRSM
RKG		Rocky Gully ..... Western Australia, Australia opened 198307.	34 04 11.4 S (34.0698)	117 00 37.4 E (117.0104)	300.0	AUST
RKO	R	Rokko ..... Hyogo, Honshu, Japan opened 19750414. Moved slightly 19781025.	34 45 49.9 N (34.7639)	135 18 06.4 E (135.3018)	540.0	KYT
RKS	C	Reko ..... Solomon Islands 1966-1970.	9 09 23.0 S ( 9.1564)	159 48 29.0 E (159.8081)	...	HNR
RKT		Rikitea ..... Gambier Islands, Tuamotu Archipelago, French Polyn (23.1197) (Alternate Abbreviation for RL-WS)	23 07 11.0 S (23.1197)	134 58 24.0 W (134.9733)	35.0	PPT
RL- RL-WS	C	Rib Lake ..... Wisconsin, U.S.A. 19630410-19630513.	45 18 29.0 N (45.3081)	90 05 55.0 W ( 90.0986)	472.0	LRSM
RLA		Relizane ..... Algeria	35 35 N (35.5833)	0 35 E ( 0.5833)	180.0	ALG
RLO		Rose Lookout Tower ..... Oklohomo, U.S.A. opened 197705.	36 10 01.2 N (36.1670)	95 01 30.7 W ( 95.0252)	363.0	TUL
RLS		Riolos of Potros ..... Greece opened 19760715.	38 03 28.0 N (38.0578)	21 28 00.0 E ( 21.4667)	100.0	ATH
RLSP		Rockland Lake ..... New York, U.S.A.	41 08 43.2 N (41.1453)	73 54 38.4 W ( 73.9107)	61.0	BLMY

CODES

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
RLW-	R	Rice Lake . . . . . Wisconsin, U.S.A. opened 19770829.	45 39 35.0 N (45.6597)	91 33 34.0 W ( 91.5594)	...	
RMA	C	Rockefeller Mountains . . . . . Greater Antarctica, Antarctica 19401117-19401228.	78 08 .. S (78.1333)	155 25 .. W (155.4167)	390.0	
RMB		Rombauer . . . . . Missouri, U.S.A. opened 19740627.	36 53 09.6 N (36.8860)	90 16 40.8 W ( 90.2780)	147.0	SLM
RMG		Rome . . . . . Georgia, U.S.A. opened 197905.	34 22 04.4 N (34.3679)	85 16 53.8 W ( 85.2816)	244.0	ATL
RMI	R	Round Mountain . . . . . Idaho, U.S.A.	42 04 43.8 N (42.0788)	113 20 46.2 W (113.3462)	1516.0	SLCI
RMJ		Rumoi . . . . . Rumoi, Hokkaido, Japan	43 57 .. N (43.9500)	141 38 .. E (141.6333)	22.0	JMA
RMN		Mount Ramon . . . . . Israel	30 29 49.2 N (30.4970)	34 37 37.2 E ( 34.6270)	550.0	JER
(RMN)		see international code RMNS				
RMNS	R	Ramny . . . . . Amurskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code RMN.	50 54 .. N (50.9000)	129 24 .. E (129.4000)	...	MOSR
RMO	C	Rochester--Mercier . . . . . New York, U.S.A. 19680322-197109.	43 07 54.0 N (43.1317)	77 32 19.0 W ( 77.5386)	141.0	
RMP		Rome (Mante Parzio Catone) . . . . . Lazio, Italy opened 19690701.	41 48 40.0 N (41.8111)	12 42 08.4 E ( 12.7023)	380.0	ROM
RMQ		Roma . . . . . Queensland, Australia Opened 19840811.	26 29 20.4 S (26.4890)	148 45 18.0 E (148.7550)	360.0	AUST
RMR	D	Rimrock . . . . . San Bernardino County, California, U.S.A. opened 197411.	34 12 46.2 N (34.2128)	116 34 31.2 W (116.5753)	1702.0	PAS
RMT		Round Mountain . . . . . Tehama County, California, U.S.A. USTN closed.	39 55 01.8 N (39.9172)	122 40 10.3 W (122.6695)	...	CDWR USTN
RMU		Rainbow Monument . . . . . San Juan County, Utah, U.S.A. 197602-197803; reopened 198109.	37 04 33.6 N (37.0760)	110 58 12.0 W (110.9700)	1536.0	NEIS USTN
RMW		Rattlesnake Mountain . . . . . Washington, U.S.A. opened 19710727.	47 27 34.9 N (47.4597)	121 48 19.2 W (121.8053)	1024.0	SEA USTN
RN-		(Alternate Abbreviation for RN-WV)				
RN-WV	C	Rainelle . . . . . West Virginia, U.S.A. 19621231-19630516.	38 04 35.0 N (38.0764)	80 50 54.0 W ( 80.8483)	853.0	LRSM
RNC		Raleigh . . . . . North Carolina, U.S.A. opened 197709.	35 37 54.5 N (35.6318)	78 58 49.1 W ( 78.9803)	...	
RNI	R	Roncone . . . . . Trentino-Alto Adige, Italy Opened 19810615.	45 58 54.0 N (45.9817)	10 38 41.0 E ( 10.6447)	1450.0	TRI
ROB		Raburent . . . . . Piemonte, Italy opened 196701.	44 17 41.0 N (44.2947)	7 52 14.0 E ( 7.8706)	806.0	GEN
ROC		Rochester--Odenbach . . . . . New York, U.S.A. opened 19590213.	43 07 28.1 N (43.1245)	77 35 32.2 W ( 77.5923)	155.0	
ROCH		El Roble . . . . . Santiago, Chile opened 19811204.	32 58 18.7 S (32.9719)	71 00 40.0 W ( 71.0111)	2000.0	SAN
ROD	D	Radman Mountain . . . . . San Bernardino County, California, U.S.A. opened 197605.	34 37 46.9 N (34.6297)	116 36 17.3 W (116.6048)	1292.0	PAS
ROF		Roppe . . . . . Alsace, France opened 1979.	47 40 50.0 N (47.6806)	6 54 03.0 E ( 6.9008)	500.0	STR
ROG		Rognes . . . . . Provence, France	43 41 02.4 N (43.6840)	5 18 45.7 E ( 5.3127)	310.0	
ROH	C	Rahtak . . . . . Haryana, India 19660610-?	28 54 .. N (28.9000)	76 36 .. E ( 76.6000)	220.0	NDI
ROI		Rossano . . . . . Calabria, Italy opened 197906.	39 34 18.4 N (39.5718)	16 34 09.2 E ( 16.5692)	605.0	ACI
ROL		Rolla . . . . . Missouri, U.S.A. opened 1965.	37 55 04.0 N (37.9178)	91 52 08.0 W ( 91.8689)	200.0	
ROM	C	Rome . . . . . Lazio, Italy closed 1969.	41 54 12.0 N (41.9033)	12 30 48.0 E ( 12.5133)	45.0	ROM
RON	C	Remote . . . . . Central Alaska, Alaska, U.S.A. 197108-197410.	62 41 28.2 N (62.6912)	150 12 13.2 W (150.2037)	470.0	GIA
ROO	R	Roorkee . . . . . Uttar Pradesh, India	...	...	...	
ROS	C	Roseneath . . . . . North Island, New Zealand closed about 1935.	41 17 .. S (41.2833)	174 48 .. E (174.8000)	...	WEL

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
ROT	C Rotorua ..... North Island, New Zealand 1936-1942.	38 08 .. S (38.1333)	176 15 .. E (176.2500)	284.0	WEL
ROTD	Rotterdam ..... New York, U.S.A.	42 45 03.0 N (42.7508)	74 05 13.8 W ( 74.0872)	283.0	BLMY
ROU	C Rougiers ..... Provence, France	43 24 04.9 N (43.4014)	5 50 44.5 E ( 5.8457)	500.0	
ROW	Rowesville ..... South Carolina, U.S.A. opened 19771023.	33 21 54.0 N (33.3650)	80 47 40.0 W ( 80.7944)	...	USGS
ROX	C Roxburgh ..... South Island, New Zealand closed 19850430.	45 28 33.0 S (45.4758)	169 19 13.0 E (169.3203)	106.0	WEL
RPA	R Roopena ..... South Australia, Australia opened 1977.	32 43 30.0 S (32.7250)	137 24 12.0 E (137.4033)	...	ADE
RPK	Roosevelt ..... Washington, U.S.A. opened 197511.	45 45 42.0 N (45.7617)	120 13 50.0 W (120.2306)	549.0	
RPT	Raluana Point ..... New Britain, Papua New Guinea opened 1972.	4 17 42.6 S ( 4.2952)	152 12 57.6 E (152.2160)	1.0	RAB
RRD	Roosevelt Roads ..... Puerto Rico opened 197503.	18 14 09.6 N (18.2360)	65 37 04.8 W ( 65.6180)	40.0	PAL
RR1	Red Ridge ..... Idaho, U.S.A. opened 19850720.	43 21 46.8 N (43.3630)	111 20 16.8 W (111.3380)	2408.0	
RRO	Red Rock Canyon ..... Oklahoma, U.S.A. opened 197808.	35 27 24.9 N (35.4569)	98 21 30.4 W ( 98.3584)	482.0	TUL
RRP	C Raasevelt Roads ..... Puerto Rico closed 1950.	18 14 .. N (18.2333)	65 38 .. W ( 65.6333)	...	
RS-	(Alternate Abbreviation for RS-KY)				
RS-KY	C Russell Springs ..... Kentucky, U.S.A. 19651203-19651213.	37 11 55.0 N (37.1986)	84 52 06.0 W ( 84.8683)	274.0	LRSM
RSB	Ravensbos ..... Netherlands	50 53 18.0 N (50.8883)	5 49 57.0 E ( 5.8325)	135.0	
RSCP	D Cumberland Plateau ..... Tennessee, U.S.A. opened 1981?	35 36 00.0 N (35.6000)	85 35 08.0 W ( 85.5856)	581.0	SAND USTN
RSE	R Rose Pump ..... Imperial County, California, U.S.A. opened 197502.	32 55 31.8 N (32.9255)	115 29 57.1 W (115.4992)	-41.0	PAS
RSJ	R Rancho San Jose ..... Baja California, Mexico	30 58 24.0 N (30.9733)	115 44 42.0 W (115.7450)	650.0	PAS
RSL	Roselend ..... Savoie, France 19630809-19721222; reopened?	45 41 18.0 N (45.6883)	6 37 32.0 E ( 6.6256)	1583.0	STR
RSNT	D Yellowknife ..... Northwest Territories, Canada opened 1982.	62 28 47.0 N (62.4797)	114 35 30.0 W (114.5917)	50.0	SAND USTN
RSNY	D Adirondack ..... New York, U.S.A. opened 1982?	44 32 54.0 N (44.5483)	74 31 48.0 W ( 74.5300)	396.0	SAND USTN
RSON	D Red Lake ..... Ontario, Canada opened 1982.	50 51 32.0 N (50.8589)	93 42 08.0 W ( 93.7022)	335.0	SAND USTN
RSSD	D Black Hills ..... South Dakota, U.S.A. opened 19810810. USTN closed 1985.	44 07 13.5 N (44.1204)	104 02 10.3 W (104.0362)	2060.0	SAND USTN
RSTOP	F (keyword for telegraphic format)				
RSUT	Red Spur Mountain ..... Rich County, Utah, U.S.A. opened 197910.	41 38 18.6 N (41.6385)	111 24 54.0 W (111.4150)	2682.0	SLC
RSV	Radio Antilles ..... Saint Vincent, St. Vincent and the Grenadines opened 19791120.	13 18 25.2 N (13.3070)	61 14 09.6 W ( 61.2360)	8.0	TRN
RSW	Rattlesnake Hills ..... Washington, U.S.A. opened 197007.	46 23 28.2 N (46.3912)	119 35 19.2 W (119.5887)	1037.0	SEA
RT-	(Alternate Abbreviation for RT-NM)				
RT-NM	C Ratan ..... New Mexico, U.S.A. 19611204-19620215; 19630814-19650322.	36 43 46.0 N (36.7294)	104 21 37.0 W (104.3603)	1951.0	LRSM
RTA	C Riberalta ..... Bolivia	11 00 24.0 S (11.0067)	66 04 42.0 W ( 66.0783)	175.0	
RTAS	R Cacique Ariacaiquin ..... Santa Fe, Argentina	...	...	...	SJA
RTB	Rutbah ..... Iraq	33 01 46.2 N (33.0295)	40 18 27.7 E ( 40.3077)	624.0	BHD
RTBS	R Barreal ..... San Juan, Argentina	...	...	...	SJA
RTCB	Cerro Blanco ..... San Juan, Argentina	31 29 11.0 S (31.4864)	68 47 59.0 W ( 68.7997)	1030.0	SJA
RTCS	R Cayastacita ..... Santa Fe, Argentina	...	...	...	SJA

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
RTCV	Cerro Valdivia ..... San Juan, Argentina	31 51 39.0 S (31.8608)	68 32 14.0 W ( 68.5372)	670.0	SJA
RTLL	Cerro Villicun ..... San Juan, Argentina	31 19 47.0 S (31.3297)	68 28 10.0 W ( 68.4694)	690.0	SJA
RTMQ	Marquesado ..... San Juan, Argentina	31 30 20.4 S (31.5057)	68 40 00.0 W ( 68.6667)	798.0	SJA
RTN	Rota ..... Nicaragua opened 1975.	12 32 00.0 N (12.5333)	86 46 59.4 W ( 86.7832)	240.0	APY
RTPE	R La Paz ..... Entre Rios, Argentina	...	...	...	SJA
RTPR	Patquia ..... La Rioja, Argentina	30 18 08.0 S (30.3022)	66 30 41.0 W ( 66.5114)	...	SJA
RTQ	R Roma ..... Queensland, Australia opened 19831115.	26 34 04.0 S (26.5678)	148 51 05.0 E (148.8514)	350.0	AUST
RTRS	R Rodeo ..... San Juan, Argentina	...	...	...	SJA
RTUE	R Villa Urquiza ..... Entre Rios, Argentina	...	...	...	SJA
RTV	Rentapaa ..... Vanuatu Islands	17 47 33.0 S (17.7925)	168 25 28.8 E (168.4247)	...	INY
RTVF	R Valle Fertil ..... San Juan, Argentina	...	...	...	SJA
RTY	Roto-iti ..... South Island, New Zealand opened 19840725.	41 48 27.0 S (41.8075)	172 50 35.0 E (172.8431)	...	WEL
RUB	R Prince Rupert ..... British Columbia, Canada opened 198509.	54 19 34.3 N (54.3262)	130 17 04.9 W (130.2847)	35.0	OTTR
RUM	C Rumangaba ..... Zaire 1955-1961; 196705-1969?	1 20 24.0 S ( 1.3400)	29 21 36.0 E ( 29.3600)	1590.0	
RUMJ	R Er Rumman ..... Jordan opened 198309.	32 10 55.0 N (32.1819)	35 49 39.0 E ( 35.8275)	445.0	JSO
RUN	D Ruthven ..... Imperial County, California, U.S.A. opened 197303.	32 58 19.8 N (32.9722)	114 58 37.8 W (114.9772)	151.0	PAS
RUT	C Ruth ..... Nevada, U.S.A. 196001-196404.	39 14 .. N (39.2333)	114 59 .. W (114.9833)	2270.0	PAS
RUV	D Ruvai ..... Tuamotu Archipelago, French Polynesia opened 19710623.	15 11 20.0 S (15.1889)	147 23 02.0 W (147.3839)	3.0	PPT
RVCM	Rose Valley Central ..... Inyo County, California, U.S.A. opened 19750926. MNLO code WRV.	36 00 28.8 N (36.0080)	117 53 24.0 W (117.8900)	1067.0	MNLO
RVE	C Reveille Range ..... Nevada, U.S.A. 19790608-1981?	38 01 11.0 N (38.0197)	116 11 31.0 W (116.1919)	2290.0	USGS
RVM	D Rio Vista Mine ..... San Bernardino County, California, U.S.A. opened 197705.	34 10 49.0 N (34.1803)	114 12 01.0 W (114.2003)	243.0	PAS
RVR	D Riverside ..... Riverside County, California, U.S.A. opened 19261019.	33 59 36.0 N (33.9933)	117 22 30.0 W (117.3750)	260.0	PAS
RVS	D Riverside Mountains ..... Riverside County, California, U.S.A. opened 197404.	34 02 04.8 N (34.0347)	114 31 04.8 W (114.5180)	677.0	PAS
RVUT	C Riverside ..... Box Elder County, Utah, U.S.A. 197909-198110.	41 50 18.0 N (41.8383)	112 15 33.0 W (112.2592)	1951.0	SLC
RW1	Ridgway ..... Colorado, U.S.A. opened 1983.	38 15 31.2 N (38.2587)	107 47 20.4 W (107.7890)	2443.0	NEIS USTN
RW2	Ridgway ..... Colorado, U.S.A. opened 1983.	38 18 28.8 N (38.3080)	107 43 38.4 W (107.7273)	2405.0	NEIS USTN
RW3	Ridgway ..... Colorado, U.S.A. opened 1983.	38 15 00.6 N (38.2502)	107 41 13.2 W (107.6870)	2603.0	NEIS USTN
RW4	Ridgway ..... Colorado, U.S.A. opened 1983.	38 09 24.6 N (38.1568)	107 36 56.4 W (107.6157)	2739.0	NEIS USTN
RW5	Ridgway ..... Colorado, U.S.A. opened 1983.	38 04 48.0 N (38.0800)	107 49 57.0 W (107.8325)	2991.0	NEIS USTN
RW6	Ridgway ..... Colorado, U.S.A. opened 1983.	38 12 08.4 N (38.2023)	107 56 01.8 W (107.9338)	3063.0	NEIS USTN
RXF	Rexford ..... Montana, U.S.A. opened 19761001.	48 51 53.4 N (48.8648)	115 07 27.0 W (115.1242)	1231.0	
RY-	(Alternate Abbreviation for RY-ND)				
RY-ND	C Ryder ..... North Dakota, U.S.A. 19630722-19650322; 19660523-19660603.	48 05 50.0 N (48.0972)	101 29 40.0 W (101.4944)	640.0	LRSM
RYB	Rybachye ..... Kirghiz S.S.R., U.S.S.R.	42 27 .. N (42.4500)	76 05 .. E ( 76.0833)	...	MOSR

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
RYN	Ryan ..... Nevada, U.S.A. opened 197408.	38 37 41.5 N (38.6282)	118 31 22.8 W (118.5230)	1585.0	REN
RYS	D Reyes Peak ..... Ventura County, California, U.S.A. opened 197606.	34 38 35.9 N (34.6433)	119 21 04.7 W (119.3513)	1841.0	PAS
SA-	(Alternate Abbreviation for SA-OR)				
SA-OR	C Seneca ..... Oregon, U.S.A.	44 09 20.0 N (44.1556)	118 39 45.0 W (118.6625)	1524.0	LRSM
SA1	R Sarykul ..... Turkmen S.S.R., U.S.S.R.	38 12 .. N (38.2000)	58 24 .. E ( 58.4000)	...	MOSR
SA2	(Alternate Abbreviation for SA2TX)				
SA2TX	C San Angela ..... Texas, U.S.A. 19670416-19670516.	31 33 00.0 N (31.5500)	100 54 27.0 W (100.9075)	732.0	LRSM
SA4	(Alternate Abbreviation for SA4TX)				
SA4TX	C San Angela ..... Texas, U.S.A. 19670518-19670523.	31 49 29.0 N (31.8247)	101 25 35.0 W (101.4264)	792.0	LRSM
SAA	C Sakai ..... Tattari, Hanshu, Japan	35 33 .. N (35.5500)	133 14 .. E (133.2333)	2.0	
SAB	R Saberio ..... Georgian S.S.R., U.S.S.R.	42 36 .. N (42.6000)	41 54 .. E ( 41.9000)	...	TIF
(SAB)	see international code SBN				
SAC	San Andreas Lake ..... San Mateo County, California, U.S.A. opened 19731001. MNLO code JSA.	37 34 57.0 N (37.5825)	122 25 01.8 W (122.4172)	207.0	MNLO
SAD	RD Saddle Peak ..... Los Angeles County, California, U.S.A. opened 197308.	34 04 51.6 N (34.0810)	118 39 54.0 W (118.6650)	732.0	PAS
SAF	C Safed (Zefat) ..... Israel closed 1958.	32 57 36.0 N (32.9600)	35 29 42.0 E ( 35.4950)	800.0	
SAG	Saga ..... Saga, Kyushu, Japan moved 193804.	33 14 42.0 N (33.2450)	130 18 18.0 E (130.3050)	4.0	JMA
SAH	R Sawauchi ..... Iwate, Hanshu, Japan opened 19761118.	39 24 12.0 N (39.4033)	140 46 18.0 E (140.7717)	...	TOH
SAI	Saiga ..... Shimane, Hanshu, Japan	36 12 18.0 N (36.2050)	133 20 00.0 E (133.3333)	26.0	JMA
SAK	Sakata ..... Yamagata, Hanshu, Japan	38 54 24.0 N (38.9067)	139 50 48.0 E (139.8467)	3.0	JMA
SAL	Sala ..... Lombardia, Italy	45 36 27.0 N (45.6075)	10 31 34.4 E ( 10.5262)	70.0	RDM
SALJ	R Salt ..... Jordan opened 198309.	32 00 34.0 N (32.0094)	35 41 05.0 E ( 35.6847)	780.0	JSO
SAM	Samarkand ..... Uzbek S.S.R., U.S.S.R.	39 40 24.0 N (39.6733)	66 59 24.0 E ( 66.9900)	704.0	MOS
(SAM)	see international code SVN				
SAN	Santiago ..... Santiago, Chile moved slightly 196502.	33 27 11.0 S (33.4531)	70 39 42.0 W ( 70.6617)	533.0	SAN
SAND	F Sandia Laboratories, Albuquerque, New Mexico				
SANY	Sanborn ..... New York, U.S.A. opened 19771019.	43 10 25.8 N (43.1738)	78 52 13.2 W ( 78.8703)	172.0	PAL USTN
SAO	San Andreas Geological Observatory ..... San Benito County, California, U.S.A. opened 19660711.	36 45 54.0 N (36.7650)	121 26 42.0 W (121.4450)	350.0	BRK
SAP	Sapporo ..... Ishikari, Hokkaido, Japan moved 193907.	43 03 30.0 N (43.0583)	141 19 54.0 E (141.3317)	18.0	JMA
SAR	Sarajevo ..... Yugoslavia	43 52 24.0 N (43.8733)	18 25 42.0 E ( 18.4283)	725.0	
SARP	R Sargodha ..... Pakistan	31 55 17.4 N (31.9215)	72 40 18.6 E ( 72.6718)	183.0	PINS
SAS	C Saskatoon ..... Saskatchewan, Canada 1915-19600401.	52 08 .. N (52.1333)	106 38 .. W (106.6333)	515.0	OTTR
SAT	C Sang-Tuda ..... Tajik S.S.R., U.S.S.R.	37 58 .. N (37.9667)	69 02 .. E ( 69.0333)	...	
SAU	C Saltair ..... Salt Lake County, Utah, U.S.A. 197403-198204.	40 49 11.0 N (40.8197)	112 04 23.0 W (112.0731)	1283.0	SLC
SAV	Savannah ..... Tasmania, Australia opened 1961.	41 43 15.0 S (41.7208)	147 11 20.0 E (147.1889)	180.0	TAU
SAW	Saint Andrews ..... Washington, U.S.A. opened 197506.	47 42 06.0 N (47.7017)	119 24 03.6 W (119.4010)	704.0	SEA
(SAW)	see international code SML				
SAX	Saentis ..... Switzerland opened 19830701.	47 15 02.5 N (47.2507)	9 20 41.6 E ( 9.3449)	2500.0	ZUR
SAZ	R Santa Maria Island ..... Azores, Portugal opened 19760120.	36 58 18.0 N (36.9717)	25 10 06.0 W ( 25.1683)	...	PDA

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SBA	Scott Base ..... Greater Antarctica, Antarctica opened 195703. WWSS opened 19630311. (SBAI) see international code AIC	77 51 01.0 S (77.8503)	166 45 22.0 E (166.7561)	38.0	WEL WWSS
SBB	D Saddle Back Butte ..... Los Angeles County, California, U.S.A. opened 19740103.	34 41 18.0 N (34.6883)	117 49 30.0 W (117.8250)	832.0	PAS
SBC	Santa Barbara ..... Santa Barbara County, California, U.S.A. opened 19270510.	34 26 30.0 N (34.4417)	119 42 48.0 W (119.7133)	90.0	PAS
(SBCC)	see international code BCC				
(SBGD)	see international code BGD				
SBD	R Saint Breward ..... England, United Kingdom	50 33 55.0 N (50.5653)	4 41 08.0 W ( 4.6856)	...	BKN
SBDP	R Shaikh Budin ..... Pakistan	32 17 58.8 N (32.2997)	70 48 25.8 E ( 70.8072)	1356.0	PINS
SBE	R Sebes ..... Romania opened 1979.	45 35 47.0 N (45.5964)	23 37 07.0 E ( 23.6186)	...	BUC
SBF	R Sospel ..... Provence, France opened 19850601.	43 51 47.3 N (43.8631)	7 26 06.8 E ( 7.4352)	847.0	LDG
SBH	R Shibata ..... Niigata, Honshu, Japan opened 19810427.	37 57 56.2 N (37.9656)	139 27 13.8 E (139.4538)	140.0	TOH
SBI	R Santa Barbara Island ..... Los Angeles County, California, U.S.A.	33 28 50.4 N (33.4807)	119 01 43.2 W (119.0287)	6.0	USC
SBDI	Snowbank Mountain ..... Idaho, U.S.A.	44 25 26.4 N (44.4240)	116 18 48.6 W (116.3135)	2520.0	BSE
SBJ	R Shimobe ..... Yamanashi, Honshu, Japan opened 197904. CDPJ code SMB.	35 24 56.5 N (35.4157)	138 29 00.2 E (138.4834)	202.0	CDPJ
SBK	Seobrook ..... South Carolina, U.S.A. opened 1982? USTN closed. (SBK) see international code SBKC	32 34 02.4 N (32.5673)	80 10 49.2 W ( 80.1803)	2.4	USGS USTN
SBKC	R Saddleback Mountain ..... San Bernardino County, California, U.S.A. opened 198104. PAS code SBK.	35 04 43.8 N (35.0788)	117 34 52.8 W (117.5813)	881.0	PAS
SBL	R Sacbichol ..... Guatemala opened 1979	14 53 30.0 N (14.8917)	91 16 43.2 W ( 91.2787)	3403.0	GCG
(SBLC)	see international code LPC				
(SBLG)	see international code BLG				
(SBLP)	see international code BLP				
SBN	R Saba ..... Netherlands Antilles opened 197610. PAL code SAB. sent to NEIS by TRN.	17 38 13.2 N (17.6370)	63 14 06.0 W ( 63.2350)	870.0	PAL
SBP	C Subic Bay ..... Luzon, Philippines	14 50 .. N (14.8333)	120 17 .. E (120.2833)	...	
SBO	D Sherbrooke ..... Quebec, Canada opened 19800812.	45 22 42.0 N (45.3783)	71 55 35.0 W ( 71.9264)	265.0	ECTN
SBR	South Blackrange ..... New South Wales, Australia opened 197612.	35 25 30.0 S (35.4250)	149 32 00.0 E (149.5333)	1265.0	
SBS	Sidi-Bou-Said ..... Tunisia	36 52 .. N (36.8667)	10 21 .. E ( 10.3500)	127.0	SBS
(SBSC)	see international code BSC				
(SBSM)	see international code BSM				
(SBSN)	see international code BSN				
SBT	San Benito ..... San Benito County, California, U.S.A. opened 19710128. MNLO code BBN.	36 30 36.0 N (36.5100)	121 04 31.8 W (121.0755)	448.0	MNLO
SBU	C Stansbury Island ..... Tooele County, Utah, U.S.A. 197407-197610.	40 49 18.6 N (40.8218)	112 28 00.0 W (112.4667)	1317.0	SLC
SBV	R San Cristobal ..... Venezuela	...	...	...	CAR
SBVC	R San Bernardino Valley ..... San Bernardino County, California, U.S.A. opened 197201.	34 05 17.2 N (34.0881)	117 18 37.8 W (117.3105)	...	
SBY	C Sand Bay ..... Aleutian Islands, Alaska, U.S.A. 194808-after 1951.	51 59 51.5 N (51.9976)	176 05 31.2 W (176.0920)	...	USGS
SC-	(Alternate Abbreviation for SC-NV)				
SC-NV	C Sutcliffe ..... Nevada, U.S.A.	39 52 26.0 N (39.8739)	119 38 27.0 W (119.6408)	1341.0	LRSM
SCA	C Santa Cruz ..... Santa Cruz, Argentina	49 50 .. S (49.8333)	72 03 .. W ( 72.0500)	...	
SCB	C Scarborough ..... Ontario, Canada 19620523-1974.	43 43 .. N (43.7167)	79 14 .. W ( 79.2333)	153.0	OTT
SCC	C Santa Cruz ..... Santa Cruz County, California, U.S.A. 19610611-196502.	37 00 24.0 N (37.0067)	121 59 48.0 W (121.9967)	128.0	BRK
(SCC)	see international code SCCM				
SCCM	Calson Canyon ..... Santa Barbara County, California, U.S.A. MNLO code SCC. USTN closed.	34 56 28.8 N (34.9413)	120 10 19.2 W (120.1720)	610.0	MNLO USTN

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SCE	Schlegeis ..... Austria opened 197110.	47 02 19.1 N (47.0386)	11 42 37.2 E ( 11.7103)	1737.0	FUR
SCE1	R Sheil Creek ..... Oklahoma, U.S.A. opened 19801217.	35 26 20.4 N (35.4390)	97 48 50.4 W ( 97.8140)	408.0	TUL
SCF	C Sheep Creek Facility ..... Central Alaska, Alaska, U.S.A. 197108-197506.	61 59 41.0 N (61.9947)	150 02 21.0 W (150.0392)	67.0	GIA
SCG	Saint Claude ..... Guadeloupe	16 01 44.0 N (16.0289)	61 40 51.6 W ( 61.6810)	646.0	FDF
SCH	Schefferville ..... Quebec, Canada opened 19620711.	54 49 .. N (54.8167)	66 47 .. W ( 66.7833)	540.0	OTT
SCI	D San Clemente Island ..... Los Angeles County, California, U.S.A. opened 197111.	32 58 48.0 N (32.9800)	118 32 48.0 W (118.5467)	219.0	PAS
SCK	R South Creak ..... England, United Kingdom	52 52 47.0 N (52.8797)	0 45 02.0 E ( 0.7506)	...	BKN
SCL	C Santa Clara--Ricard ..... Santa Clara County, California, U.S.A. 1909-mid 1950's.	37 21 .. N (37.3500)	121 57 .. W (121.9500)	28.0	
SCM	Sheep Creek Mountain ..... Central Alaska, Alaska, U.S.A. opened 196606.	61 50 00.0 N (61.8333)	147 19 39.6 W (147.3277)	1020.0	GIA
SCN	Sunset Crater National Monument ..... Arizona, U.S.A. opened 19700720.	35 22 08.0 N (35.3689)	111 32 33.0 W (111.5425)	2111.0	
SCO	C Scoresbysund ..... Greenland	70 29 .. N (70.4833)	21 57 .. W ( 21.9500)	69.0	COP
SCP	D State College ..... Pennsylvania, U.S.A. opened 1935. WWSS opened 19620126. DWSS opened 19810129.	40 47 42.0 N (40.7950)	77 51 54.0 W ( 77.8650)	352.0	SCP DWSS WWSS
SCR	C San Cristobal ..... Santiago, Chile	33 30 .. S (33.5000)	71 00 .. W ( 71.0000)	...	SAN
SCS	C Sicasica ..... Bolivia	17 17 05.0 S (17.2847)	67 48 55.0 W ( 67.8153)	3900.0	
SCT	C Scotty Lake ..... Central Alaska, Alaska, U.S.A. 197108-197506.	62 19 09.0 N (62.3192)	150 17 49.8 W (150.2972)	140.0	GIA
SCU	C Sheep Canyon ..... Emery County, Utah, U.S.A. 196201-197703.	39 29 14.4 N (39.4873)	110 14 30.0 W (110.2417)	2182.0	USGS
SCV	Saint Croix ..... Virgin Islands opened 197503.	17 46 54.0 N (17.7817)	64 47 20.4 W ( 64.7890)	12.0	PAL
SCW	C Sherman Crater--Mount Baker ..... Washington, U.S.A. 19750331-19761001.	48 46 03.0 N (48.7675)	121 49 00.0 W (121.8167)	2990.0	SEA
SCY	RD Stone Canyon Reservoir ..... Los Angeles County, California, U.S.A. opened 197502.	34 06 22.2 N (34.1062)	118 27 15.0 W (118.4542)	287.0	PAS
SDA	Shkodra ..... Albania	42 00 57.2 N (42.0159)	19 29 55.0 E ( 19.4986)	...	TIR
SDB	C So da Bandeira ..... Angola 1962-1975? WWSS 19641029-1975?	14 55 33.0 S (14.9258)	13 34 19.0 E ( 13.5719)	1781.0	WWSS
SDC	C San Diego--Robinson ..... San Diego County, California, U.S.A.	32 41 00.0 N (32.6833)	117 14 30.0 W (117.2417)	...	
SDCA	Salto da Cavalo ..... Azores, Portugal opened 1980.	37 47 38.0 N (37.7939)	25 19 02.0 W ( 25.3172)	644.0	PDA
SDD	Santa Domingo (Ciudad Trujillo) ..... Dominican Republic	18 27 28.4 N (18.4579)	69 54 48.3 W ( 69.9134)	10.0	
(SDE)	see international code SDEM				
SDEM	C Sadie Cove ..... Kenai Peninsula, Alaska, U.S.A. 19830704-19840629. AGS code SDE.	59 26 36.0 N (59.4433)	151 16 55.2 W (151.2820)	770.0	AGS
SDH	Striped Hills ..... Nevada, U.S.A. opened 19780724.	36 38 44.0 N (36.6456)	116 20 17.0 W (116.3381)	1055.0	USGS
SDJ	C Sanada ..... Nagano, Honshu, Japan 196807-197303.	36 26 12.2 N (36.4367)	138 18 18.6 E (138.3052)	660.0	ERIJ
SDL	R Saddle Mountain ..... Washington, U.S.A. see international code SDLC	46 47 43.5 N (46.7954)	119 29 28.5 W (119.4912)	...	
(SDL)	see international code SDLC				
SDLC	R Saltdale ..... Kern County, California, U.S.A. opened 198104. PAS code SDL.	35 22 49.8 N (35.3805)	117 53 12.0 W (117.8867)	756.0	PAS
SDM	Santiago de Maria ..... El Salvador (13.4861) ( 88.4706)	13 29 10.0 N (13.4861)	88 28 14.0 W ( 88.4706)	905.0	SSS
SDN	Sand Point ..... Alaska Peninsula, Alaska, U.S.A.	55 20 28.8 N (55.3413)	160 29 49.8 W (160.4972)	23.0	PMR
SDO	C Salada ..... Atacama, Chile opened 1967.	26 25 10.0 S (26.4194)	70 18 40.0 W ( 70.3111)	...	SAN
SDR	R Surduc ..... Romania	45 29 20.0 N (45.4889)	26 22 59.0 E ( 26.3831)	720.0	BUC

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SDS	Sanatorio Duran ..... Costa Rica opened 196602.	9 56 00.0 N ( 9.9333)	83 53 01.1 W ( 83.8836)	2340.0	SJR
SDV	Santo Domingo ..... Venezuela opened 197506.	8 53 10.0 N ( 8.8861)	70 38 00.0 W ( 70.6333)	1580.0	CAR
SDW	D Sidewinder Mine ..... San Bernardino County, California, U.S.A. opened 197502.	34 36 33.0 N (34.6092)	117 04 27.0 W (117.0742)	1184.0	PAS USTN
SE-	(Alternate Abbreviation for SE-MN)				
SE-MN	C Sleepy Eye ..... Minnesota, U.S.A. 19620124-19630619.	44 24 51.0 N (44.4142)	94 39 55.0 W ( 94.6653)	244.0	LRSM
SEA	C Seattle ..... Washington, U.S.A. 1906-19701101.	47 39 18.0 N (47.6550)	122 18 30.0 W (122.3083)	30.0	SEA
SEB	C Sibenik (Sebenico) ..... Yugoslavia closed 1925?	43 44 .. N (43.7333)	15 54 .. E ( 15.9000)	...	
SEC	Stevens Creek ..... San Mateo County, California, U.S.A. opened 19661223. MNLO code JSC.	37 17 04.2 N (37.2845)	122 07 25.2 W (122.1237)	357.0	MNLO
SEG	Port Louis ..... Guadeloupe opened 1981.	16 24 10.2 N (16.4028)	61 30 18.6 W ( 61.5052)	60.0	FDF
SEH	Sehore ..... Madhya Pradesh, India (23.1667)	23 10 .. N ( 23.1667)	77 05 .. E ( 77.0833)	...	NDI
SEK	Senkal ..... Orange Free State, South Africa (28.3233)	28 19 24.0 S (28.3233)	27 37 30.0 E ( 27.6250)	1486.0	PRE
SEL	Semiyachik ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R. (54.1167)	54 07 .. N (54.1167)	159 59 .. E (159.9833)	...	MOSR
SEM	Semipalatinsk ..... Kazakh S.S.R., U.S.S.R. (50.4083)	50 24 30.0 N (50.4083)	80 15 00.0 E ( 80.2500)	209.0	MOS
SEN	Sendai (Mukaiyama) ..... Miyagi, Honshu, Japan (38.2600)	38 15 36.0 N (38.2600)	140 54 00.0 E (140.9000)	38.0	JMA
SEO	Seoul (Keizyo) ..... South Korea (37.5667) opened 1945; WWSS opened 19630328.	37 34 .. N (37.5667)	126 58 .. E (126.9667)	86.0	WWSS
SEP	F (keyword for telegraphic format)				
SEPT	F (keyword for telegraphic format)				
SER	RD Sermur ..... Marche, France opened 197311.	45 58 39.0 N (45.9775)	2 25 48.0 E ( 2.4300)	710.0	LDG
SES	Suffield ..... Alberta, Canada opened 19660511.	50 23 45.0 N (50.3958)	111 02 30.0 W (111.0417)	770.0	OTT
SET	Setif ..... Algeria opened 195809	36 12 .. N (36.2000)	5 24 .. E ( 5.4000)	1000.0	ALG
SEV	C Sevastopol ..... Ukrainian S.S.R., U.S.S.R. (44.6167)	44 37 .. N (44.6167)	33 32 .. E ( 33.5333)	2.0	
SEW	Seward ..... Kenai Peninsula, Alaska, U.S.A. opened 19720822. AGS code SWD.	60 06 13.2 N (60.1037)	149 26 57.6 W (149.4493)	55.0	AGS
SEY	Seymchan ..... Magadanskaya Oblast, R.S.F.S.R., U.S.S.R. (62.9000)	62 54 .. N (62.9000)	152 24 .. E (152.4000)	210.0	MOS
SF-	(Alternate Abbreviation for SF-AZ)				
SF-AZ	C Snowflake ..... Arizona, U.S.A. 19611203-19620503.	34 26 19.0 N (34.4386)	110 30 52.0 W (110.5144)	1981.0	LRSM
SFA	C Seven Falls ..... Quebec, Canada 1927-19750731.	47 07 24.0 N (47.1233)	70 49 36.0 W ( 70.8267)	232.0	OTT
SFB	C San Francisco ..... San Francisco County, California, U.S.A. 193104-193511.	37 46 36.0 N (37.7767)	122 27 06.0 W (122.4517)	100.0	BRK
SFC	San Francisco ..... San Francisco County, California, U.S.A. (37.7667)	37 46 .. N (37.7667)	122 25 .. W (122.4167)	...	
SFF	Sheffield ..... Tasmania, Australia opened 19690804.	41 20 15.0 S (41.3375)	146 18 27.0 E (146.3075)	213.0	TAU
SFG	Saint Francois ..... Guadeloupe opened 1975.	16 15 12.0 N (16.2533)	61 11 47.4 W ( 61.1965)	10.0	FDF
SFK	Sufi-Kurgan ..... Kirghiz S.S.R., U.S.S.R. location uncertain.	42 02 .. N (42.0333)	73 30 .. E ( 73.5000)	...	MOSR
SFL	San Felipe ..... Santa Clara County, California, U.S.A. opened 19711014. MNLO code HFE.	36 59 00.0 N (36.9833)	121 24 05.4 W (121.4015)	323.0	MNLO
SFM	San Francisco--Randall Museum ..... San Francisco County, California, U.S.A. opened 1969.	37 45 52.0 N (37.7644)	122 26 13.0 W (122.4369)	103.0	
SFN	R Sterling Forest ..... New York, U.S.A. (41.1962)	41 11 46.2 N (41.1962)	74 15 40.2 W ( 74.2612)	244.0	PAL
SFO	C Sterling Forest ..... New York, U.S.A. 1962-197508.	41 11 46.2 N (41.1962)	74 15 36.0 W ( 74.2600)	300.0	PAL



## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SFP	San Felipe ..... Baja California, Mexico opened 19690426.	31 01 54.0 N (31.0317)	114 49 48.0 W (114.8300)	4.0	PAS
SFR	C San Francisco--Rincon ..... San Francisco County, California, U.S.A. closed 19760407.	37 47 16.8 N (37.7880)	122 23 22.2 W (122.3895)	8.0	MNLO
SFS	San Fernando ..... Spain	36 27 42.0 N (36.4617)	6 12 19.5 W ( 6.2054)	24.0	
SFT	Stanford Telescope ..... Santa Clara County, California, U.S.A. opened 19661213. MNLO code JSF.	37 24 18.6 N (37.4052)	122 10 33.0 W (122.1758)	143.0	MNLO
SFTN	C Shelby Forest ..... Tennessee, U.S.A. 19790802-19810710.	35 21 27.0 N (35.3575)	90 01 07.5 W ( 90.0188)	-23.0	TEIC
SFTX	R Shafter ..... Texas, U.S.A.	29 55 27.0 N (29.9242)	104 22 17.0 W (104.3714)	1433.0	DAL
SG-	(Alternate Abbreviation for SG-AZ)				
SG-AZ	C Seligman ..... Arizona, U.S.A. 19640406-19651004.	35 38 27.0 N (35.6408)	113 15 39.0 W (113.2608)	1676.0	LRSM
SGA	C Stephens Glacier ..... Central Alaska, Alaska, U.S.A. 19740711-19760128. AGS code STG.	61 25 14.4 N (61.4207)	146 23 41.4 W (146.3948)	1326.0	AGS
(SGA)	see international code SGAM				
SGAM	Sherman Glacier ..... Central Alaska, Alaska, U.S.A. opened 19760816. AGS code SGA.	60 30 04.3 N (60.5012)	145 12 25.2 W (145.2070)	424.0	AGS
SGAS	R Staanga ..... Sweden opened 198001	57 18 14.4 N (57.3040)	18 28 22.8 E ( 18.4730)	43.0	HFS
SGC	R Saratoga Country Club ..... Santa Clara County, California, U.S.A. opened 19750122.	37 16 57.7 N (37.2827)	122 03 00.0 W (122.0500)	198.0	MNLO
SGE	South Ridge ..... Fiji opened 198309.	17 35 21.0 S (17.5892)	177 55 24.0 E (177.9233)	1021.0	SVA
SGG	San Gregorio Matese ..... Compania, Italy opened 197701. Sent to NEIS by ROM.	41 23 12.1 N (41.3867)	14 22 43.5 E ( 14.3787)	880.0	OVO
SGH	Sud-Ghaubbet ..... Djibouti opened 1976	11 26 15.0 N (11.4375)	42 38 10.8 E ( 42.6363)	700.0	ARO
SGJ	U Sugihashi ..... Fukui, Honshu, Japan 197108-197410.	35 36 40.0 N (35.6111)	136 08 44.0 E (136.1456)	210.0	DRI
SGK	(Alternate Abbreviation for HSI)				
SGL	D Mount Signal ..... Imperial County, California, U.S.A. opened 197303.	32 38 57.0 N (32.6492)	115 43 31.2 W (115.7253)	110.0	PAS
SGM	Silver Gate ..... Montana, U.S.A. opened 197301. MNLO code YPSG.	45 00 27.0 N (45.0075)	109 59 21.0 W (109.9892)	2285.0	MNLO
(SGM)	see international code SGMN				
SGMN	U Shimagamo ..... Shizuoka, Honshu, Japan 197505-197905. NGY code SGM.	34 38 50.0 N (34.6472)	138 51 18.0 E (138.8550)	49.0	NGY
SGN	C Springfield ..... Nebraska, U.S.A. 19791106-19810901.	41 03 57.0 N (41.0658)	96 13 07.8 W ( 96.2188)	347.0	
SGO	Sicignano ..... Campania, Italy opened 1981?	40 33 30.0 N (40.5583)	15 18 30.4 E ( 15.3084)	...	ROM
SGP	C San Gregorio ..... Peru (16.5621) ( 72.7136)	16 33 43.4 S (16.5621)	72 42 48.8 W ( 72.7136)	108.0	
SGR	Segre ..... Maine, France opened 1973.	47 42 33.8 N (47.7094)	0 55 02.3 W ( 0.9173)	90.0	PAR
(SGR)	see international code SGRN				
SGRN	R Sagara ..... Shizuoka, Honshu, Japan opened 197706. NGY code SGR.	34 42 44.1 N (34.7123)	138 11 20.2 E (138.1889)	55.0	NGY
SGS	St. George ..... South Carolina, U.S.A. opened 19730308.	33 11 33.6 N (33.1927)	80 30 42.6 W ( 80.5118)	24.0	USGS USTN
SGT	R Sevinc ..... Turkey Opened 197504.	36 56 37.7 N (36.9438)	31 30 02.9 E ( 31.5008)	205.0	ISK
SGU	Sterling ..... San Pete County, Utah, U.S.A. opened 197810.	39 10 57.0 N (39.1825)	111 38 36.0 W (111.6433)	2365.0	SLC
SGV	South Grapevine Mountains ..... Nevada, U.S.A. opened 19781128.	36 58 52.0 N (36.9811)	117 01 56.0 W (117.0322)	1565.0	USGS
SGY	R Signy Island ..... South Orkney Islands, Antarctica opened 19740201.	60 42 36.2 S (60.7101)	45 35 51.2 W ( 45.5976)	30.0	
SH-	(Alternate Abbreviation for SH-PA)				
SH-PA	C Shamokin ..... Pennsylvania, U.S.A. 19621011-19621027.	41 00 49.0 N (41.0136)	76 54 49.0 W ( 76.9136)	183.0	LRSM

CODES

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SHA	Spring Hill ..... Alabama, U.S.A. 191012-1935; reopened 1939. WWSS opened 19620416.	30 41 39.7 N (30.6944)	88 08 34.1 W ( 88.1428)	61.0	WWSS
SHB	D Sechart ..... British Columbia, Canada opened 19810128.	49 35 49.9 N (49.5972)	123 52 30.0 W (123.8750)	1143.0	WCTN
SHC	C Mount Saint Helena ..... Sonoma County, California, U.S.A. 19731207-19770120.	38 40 13.2 N (38.6703)	122 38 01.8 W (122.6338)	1200.0	MNLO
SHD	Shahrud ..... Iran opened 197503.	36 26 00.0 N (36.4333)	54 56 30.0 E ( 54.9417)	1500.0	MUI
SHE	Shemakha ..... Azerbaijan S.S.R., U.S.S.R.	40 38 .. N (40.6333)	48 38 .. E ( 48.6333)	...	MOS
SHF	C Shawinigan Falls ..... Quebec, Canada 1928-19651208.	46 33 06.0 N (46.5517)	72 45 48.0 W ( 72.7633)	60.0	OTTR
SHG	Shirtail Gulch ..... Monterey County, California, U.S.A. opened 19690618. MNLO code BSG.	36 24 49.8 N (36.4138)	121 15 13.2 W (121.2537)	192.0	MNLO
SHH	RD Sheep Hole Mountains ..... San Bernardino County, California, U.S.A. opened 197404.	34 11 15.6 N (34.1877)	115 39 16.2 W (115.6545)	1122.0	PAS
(SHH)	see international code SHKS				
SHI	Shiraz ..... Iran opened 19630510.	29 38 40.2 N (29.6445)	52 31 33.8 E ( 52.5261)	1539.0	WWSS
SHIN	R Springhill ..... Indiana, U.S.A.	39 25 40.0 N (39.4278)	87 24 30.0 W ( 87.4083)	168.0	
SHIO	D Shillang ..... Meghalaya, India opened 19780522.	25 34 .. N (25.5667)	91 53 .. E ( 91.8833)	1509.0	NDI SRO
SHJ	Shionomisaki (Siomisaki) ..... Wakayama, Honshu, Japan (33.4483)	33 26 54.0 N (33.4483)	135 45 48.0 E (135.7633)	75.0	JMA
SHK	Shiraki ..... Hiroshima, Honshu, Japan opened 19650721. WWSS opened 19651222.	34 31 56.0 N (34.5322)	132 40 39.0 E (132.6775)	285.0	ERIJ WWSS
SHKS	R Sheki ..... Azerbaijan S.S.R., U.S.S.R. MOS code SHH.	41 12 .. N (41.2000)	47 12 .. E ( 47.2000)	...	MOSR
SHL	Shillang ..... Meghalaya, India opened 1953. WWSS opened 19630429.	25 34 .. N (25.5667)	91 53 .. E ( 91.8833)	1600.0	NDI WWSS
SHM	Shimizu ..... Kochi, Shikoku, Japan (32.7750)	32 46 30.0 N (32.7750)	132 57 30.0 E (132.9583)	21.0	
(SHM)	see international code SMJ				
SHN	Shimonoseki 3 (Shimonoseki) ..... Yamaguchi, Honshu, Japan (33.9533)	33 57 12.0 N (33.9533)	130 56 30.0 E (130.9417)	46.0	JMA
SHN1	R Shimonoseki ..... Yamaguchi, Honshu, Japan opened 1984.	33 56 42.0 N (33.9450)	130 55 42.0 E (130.9283)	18.0	JMA
SHNJ	Shimonoseki 2 ..... Yamaguchi, Honshu, Japan (34.1250)	34 07 30.0 N (34.1250)	131 06 30.0 E (131.1083)	20.0	JMA
SHO	Shikatan ..... Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R. (43.8667)	43 52 .. N (43.8667)	146 48 .. E (146.8000)	...	SAKL
(SHO)	see international code SHOH				
SHOH	R Showa-Shinzan ..... Iburi, Hokkaido, Japan opened 19770919. HSS code SHO.	42 32 06.8 N (42.5352)	140 51 42.2 E (140.8617)	192.0	HSS
SHP	C Santa Helena ..... Peru (16.1972)	16 11 50.0 S (16.1972)	72 28 26.0 W ( 72.4739)	471.0	
SHR	Shirakawa ..... Fukushima, Honshu, Japan (37.1183)	37 07 06.0 N (37.1183)	140 13 30.0 E (140.2250)	354.0	JMA
(SHR)	see international code SHRD				
SHRD	R Shirahama ..... Kagoshima, Kyushu, Japan opened 1975. DRI code SHR.	31 36 36.0 N (31.6100)	130 40 30.0 E (130.6750)	160.0	DRI
SHRG	Sheep Range ..... Nevada, U.S.A. opened 19790522.	36 30 16.0 N (36.5044)	115 09 19.0 W (115.1553)	1645.0	USGS USTN
SHS	C Shasta Dam ..... Shasta County, California, U.S.A. 1942-19640530.	40 41 42.0 N (40.6950)	122 23 18.0 W (122.3883)	312.0	BRK
SHT	R Sharpitor ..... England, United Kingdom (50.5106)	50 30 38.0 N (50.5106)	4 02 08.0 W ( 4.0356)	...	BKN
(SHT)	see international code SHTS				
SHTN	Sandy Hook ..... Tennessee, U.S.A. opened 19850927.	35 27 36.0 N (35.4600)	87 07 48.0 W ( 87.1300)	323.0	TVA
SHTS	R Shaartuz ..... Tajik S.S.R., U.S.S.R. MOS code SHT.	37 16 .. N (37.2667)	68 08 .. E ( 68.1333)	...	MOSR
SHU	Shuyak Island ..... Kodiak Island, Alaska, U.S.A. opened 1974.	58 37 41.0 N (58.6281)	152 20 56.0 W (152.3489)	34.0	GIA
SHV	U Shimbara ..... Nagasaki, Kyushu, Japan 196202-197701.	32 46 14.0 N (32.7706)	130 21 47.0 E (130.3631)	50.0	SHV

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SHW	Mount Saint Helens ..... Washington, U.S.A. opened 19721025	46 11.33.0 N (46.1925)	122 14 12.0 W (122.2367)	1423.0	SEA USTN
SHZ	Shizuoka ..... Shizuoka, Honshu, Japan	34 58 24.0 N (34.9733)	138 24 24.0 E (138.4067)	15.0	JMA
(SHZ)	see international code SHZE				
SHZE	R Shinhuzimiza ..... Nagano, Honshu, Japan opened 197706. ERIJ code SHZ. (Alternate Abbreviation for SI-BC)	36 23 57.0 N (36.3992)	138 32 09.0 E (138.5358)	2256.0	ERIJ
SI-BC	C Smithers ..... British Columbia, Canada 19651025-19651014; 19680829-19680929.	54 47 18.0 N (54.7883)	127 04 17.0 W (127.0714)	579.0	LRSM
SI2	Simi Peak ..... California, U.S.A. opened 197306. PAS code SIP.	34 12 14.0 N (34.2039)	118 47 56.0 W (118.7989)	700.0	PAS
SIA	C Xian (Sian, Hsian) ..... Shaanxi, China (Mainland)	34 14 54.0 N (34.2483)	108 55 12.0 E (108.9200)	395.0	BJI
SIB	R Sao Simao ..... Minas Gerais, Brazil	...	...	...	BDF
SIC	Sept-Îles ..... Quebec, Canada	50 10 18.0 N (50.1717)	66 44 18.0 W (66.7383)	283.0	OTTR
SID	Sida ..... Iceland	63 47 09.0 N (63.7858)	18 03 30.0 W (18.0583)	26.0	REY
SIE	Siena ..... Toscana, Italy	43 19 12.0 N (43.3200)	11 18 44.0 E (11.3122)	349.0	ROM
SIF	R Saarijärvi ..... Finland	...	...	...	HEL
SIG	C South Ingalls ..... Colorado, U.S.A. closed 196508.	39 41 16.0 N (39.6878)	105 03 53.0 W (105.0647)	...	USGS
SIH	R Signal Hill ..... Tabago, Trinidad and Tabago	11 10 16.9 N (11.1714)	60 46 14.8 W (60.7708)	80.0	TRN
SII	Sitkinak Island ..... Kodiak Island, Alaska, U.S.A. opened 197510.	56 33 36.0 N (56.5600)	154 10 55.0 W (154.1819)	500.0	GIA
SIK	R Sikeston ..... Missouri, U.S.A.	...	...	...	
SIL	D Silver Peak ..... San Bernardino County, California, U.S.A. opened 197511.	34 20 52.1 N (34.3478)	116 49 36.1 W (116.8267)	1730.0	PAS
SIM	Simferopol ..... Ukrainian S.S.R., U.S.S.R.	44 57 .. N (44.9500)	34 07 .. E (34.1167)	277.0	MOS
SIMR	U Simon ..... Nevada, U.S.A. 197607-197707.	38 28 30.0 N (38.4750)	117 46 03.0 W (117.7675)	1899.0	REN
SIN	C Shinagawa ..... Tokyo, Honshu, Japan	35 37 .. N (35.6167)	139 45 .. E (139.7500)	...	
SING	R Singapore ..... Singapore	1 18 18.0 N (1.3050)	103 51 00.0 E (103.8500)	...	
SIO	Slick ..... Oklahoma, U.S.A. opened 19780712.	35 44 46.8 N (35.7463)	96 18 25.4 W (96.3071)	323.0	TUL
SIP	Shinkari ..... Pakistan opened 1974?	34 28 00.0 N (34.4667)	73 17 57.0 E (73.2992)	1448.0	PAL
(SIP)	see international code SI2				
SIR	Siria ..... Venezuela opened 1974.	10 30 30.0 N (10.5083)	66 30 30.0 W (66.5083)	1050.0	CAR
SIS	C Sion ..... Switzerland 1932-1941.	46 16 .. N (46.2667)	7 22 .. E (7.3667)	500.0	
SIT	Sitka ..... Southeastern Alaska, Alaska, U.S.A. opened 1940.	57 03 25.0 N (57.0569)	135 19 28.0 W (135.3244)	19.0	PMR USTN
SIU	Simushir ..... Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	46 51 .. N (46.8500)	151 52 .. E (151.8667)	...	SAKL
SIUC	Southern Illinois University (Carbondale) ..... Illinois, U.S.A. opened 198401	37 42 53.6 N (37.7149)	89 13 03.5 W (89.2176)	137.0	
SIY	U Silver City ..... Yukon Territory, Canada 19791205-19800327.	61 01 54.0 N (61.0317)	138 24 24.0 W (138.4067)	785.0	OTTR
SJ- SJ-TX	(Alternate Abbreviation for SJ-TX) C San Jose ..... Texas, U.S.A. 19611111-19630708; also open for short intervals in 1965, 1967, 1968, 1971 and 1973.	27 36 43.0 N (27.6119)	98 18 46.0 W (98.3128)	114.0	LRSM
SJA	R San Juan ..... San Juan, Argentina	31 31 34.0 S (31.5261)	68 33 29.0 W (68.5581)	660.0	SJA
SJB	Cape St. James ..... British Columbia, Canada opened 19820917.	51 56 12.0 N (51.9367)	131 00 54.0 W (131.0150)	100.0	OTTR
SJC	C San Jovier ..... Linares, Chile	35 38 30.0 S (35.6417)	71 43 30.0 W (71.7250)	80.0	SAN
SJG	D San Juan ..... Puerto Rico opened 19640923. IDA opened 198206.	18 06 42.0 N (18.1117)	66 09 00.0 W (66.1500)	457.0	NEIS WWSS IDA

TABLE 1

CODES

Code	Station Name	Region and Comments	Latitude	Longitude	Elev.	Networks
SJGC	Cayey	Puerto Rico opened 19760222.	18 06 42.0 N (18.1117)	66 09 00.0 W ( 66.1500)	457.0	USGS
SJH	Saint Joseph Seminary	Santa Clara County, California, U.S.A. opened 19661223. MNLO code JSJ.	37 20 01.8 N (37.3338)	122 05 28.8 W (122.0913)	122.0	MNLO
SJI	Sawahon	Jawa, Indonesia	7 44 03.0 S ( 7.7342)	111 45 57.6 E (111.7660)	...	DJA
SJM	C San Jose de Maipo	Santiago, Chile (33.6500)	33 39 .. S (33.6500)	70 22 .. W ( 70.3667)	967.0	SAN
SJN	C San Juan	Peru (13.4117)	13 24 42.0 S (13.4117)	75 56 48.0 W ( 75.9467)	500.0	
SJP	C San Juan	Puerto Rico 192512-192809; 193011-196512?	18 22 54.0 N (18.3817)	66 07 06.0 W ( 66.1183)	80.0	NEIS
SJO	C San Joaquin Reservoir	Orange County, California, U.S.A. opened 197107.	33 37 12.0 N (33.6200)	117 50 42.0 W (117.8450)	165.0	PAS
SJR	C San Jose	Costa Rica closed 1974?	9 56 06.0 N ( 9.9350)	84 04 40.0 W ( 84.0778)	1156.0	SJR
SJS	San Jose	Costa Rica Also sent to NEIS by ICRE.	9 56 20.4 N ( 9.9390)	84 03 14.4 W ( 84.0540)	1196.0	SJR
SJT	R San Juan Tecuaco	Guatemala opened 1980.	14 04 52.8 N (14.0813)	90 16 07.8 W ( 90.2688)	460.0	GCG
SJU	R San Juan	Peru (15.3560)	15 21 21.6 S (15.3560)	75 10 44.4 W ( 75.1790)	75.0	LIM
SJV	Saint John	Virgin Islands opened 197506.	18 20 42.0 N (18.3450)	64 45 43.2 W ( 64.7620)	280.0	PAL
SK- SK-TX	C Shamrock	(Alternate Abbreviation for SK-TX) Texas, U.S.A. 19630819-19640306.	35 04 58.0 N (35.0828)	100 21 50.0 W (100.3639)	671.0	LRSM
SKA	C Skanstugon	Sweden closed 19810915.	63 34 48.0 N (63.5800)	12 16 48.0 E ( 12.2800)	580.0	UPP
SKB	Skidegate	British Columbia, Canada opened 19781020.	53 14 52.2 N (53.2478)	131 59 46.8 W (131.9963)	10.0	OTTR
SKD	Sitkalidak Island	Kodiak Island, Alaska, U.S.A. opened 19770811.	57 09 51.0 N (57.1642)	153 04 49.2 W (153.0803)	135.0	GIA
SKG	Skaggs Springs	Sonoma County, California, U.S.A. opened 19750122. MNLO code GSS.	38 42 07.2 N (38.7020)	123 00 48.6 W (123.0135)	282.0	MNLO
SKH	Sakata Outpost	Yamagata, Honshu, Japan opened 197311.	38 51 24.0 N (38.8567)	139 58 24.0 E (139.9733)	80.0	JMA
SKI	Saint Kitts (Bayfords)	Saint Christopher, Saint Christopher-Nevis opened 19590417.	17 20 00.0 N (17.3333)	62 44 20.4 W ( 62.7390)	306.0	TRN
SKK	C Sikko	Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	49 14 .. N (49.2333)	143 07 .. E (143.1167)	2.0	
SKKP	F	(phase code designation)				
SKKS	F	(phase code designation)				
SKL	C Skilok (Cooper Landing)	Kenai Peninsula, Alaska, U.S.A. 19710909-1984.	60 30 51.6 N (60.5143)	150 12 54.6 W (150.2152)	660.0	AGS
(SKL)		see international code SKLY				
(SKL)		see international code SRK				
SKLY	Ski Hill Lift	New York, U.S.A. opened 198310. PAL code SKL.	43 57 37.2 N (43.9603)	74 16 06.6 W ( 74.2685)	...	PAL USTN
SKN	C Skaneateles	New York, U.S.A. 197411-197512.	42 59 29.4 N (42.9915)	76 28 01.8 W ( 76.4672)	226.0	PAL
(SKN)		see international code SKT				
SKO	Skopje	Yugoslavia opened 195701.	41 58 19.5 N (41.9721)	21 26 22.5 E ( 21.4396)	346.0	SKO
SKP	F	(phase code designation)				
SKR	Severo-Kurilsk	Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	50 40 .. N (50.6667)	156 06 .. E (156.1000)	250.0	MOS
SKS	F	(phase code designation)				
SKT	Skwentna	Central Alaska, Alaska, U.S.A. opened 19720808. AGS code SKN.	61 58 49.2 N (61.9803)	151 31 46.8 W (151.5297)	564.0	AGS
SKU	C Sakura	Chiba, Honshu, Japan (35.7167)	35 43 .. N (35.7167)	140 14 .. E (140.2333)	...	
SKW	Shichikawa	Wakayama, Honshu, Japan opened 1195804; moved 19650326.	33 35 16.7 N (33.5880)	135 41 24.8 E (135.6902)	120.0	ERIJ
SKZ	R South Korari	North Island, New Zealand (41.3103)	41 18 37.0 S (41.3103)	174 42 17.0 E (174.7047)	88.0	WEL
SL- SL-ON	C Sault Sainte Marie	(Alternate Abbreviation for SL-ON) Ontario, Canada	46 38 14.0 N (46.6372)	84 21 02.0 W ( 84.3506)	335.0	LRSM

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SLA	San Lorenzo ..... Solto, Argentina opened 197709.	24 43 41.3 S (24.7281)	65 29 39.0 W ( 65.4942)	1480.0	SJA
SLB	Belfond ..... Saint Lucia	13 49 33.0 N (13.8258)	61 02 27.0 W ( 61.0408)	600.0	TRN
(SLB)	see international code SLBS				
SLBC	Salano Beach ..... San Diego County, California, U.S.A.	33 00 03.6 N (33.0010)	117 16 08.4 W (117.2690)	38.0	
SLBS	R Syulban ..... Chitinskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code SLB. Location uncertain.	56 42 ... N (56.7000)	117 12 ... E (117.2000)	...	MOSR
SLC	Salt Lake City ..... Salt Lake County, Utah, U.S.A. opened 196204.	40 45 49.8 N (40.7638)	111 50 52.2 W (111.8478)	1423.0	SLC
SLCI	F Univ. of Utah Research Inst., Salt Lake City				
SLD	San Luis Dam ..... Merced County, California, U.S.A. opened 196511.	37 04 29.0 N (37.0747)	121 13 14.0 W (121.2206)	443.0	CDWR
SLE	Schleitheim ..... Switzerland opened 1981	47 45 58.2 N (47.7662)	8 29 36.0 E ( 8.4933)	600.0	ZUR
(SLE)	see international code SLEB				
SLEB	..... British Columbia, Canada UBC code SLE.	51 10 ... N (51.1667)	118 08 ... W (118.1333)	2075.0	UBC
SLG	R Sinonel ..... Guatemala opened 1979	14 42 28.2 N (14.7078)	91 38 07.8 W ( 91.6355)	1220.0	GCG
SLI	C Saint Lucia (Vigie Point) ..... Saint Lucia 19550308-19590202.	14 01 40.8 N (14.0280)	61 00 28.8 W ( 61.0080)	30.0	TRN
SLK	R Susurluk ..... Turkey Opened 197912.	39 52 16.0 N (39.8711)	28 08 42.0 E ( 28.1450)	147.0	
(SLK)	see international code SLKI				
(SLK)	see international code SLKM				
SLKI	Saumlaki ..... Maluku, Indonesia DJA code SLK.	7 58 54.0 S ( 7.9817)	131 17 54.0 E (131.2983)	...	DJA
SLKM	Skilak Lake ..... Kenai Peninsula, Alaska, U.S.A. opened 1984. AGS code SLK.	60 30 28.2 N (60.5078)	150 13 15.6 W (150.2210)	655.0	AGS
SLL	D Stoellett ..... Sweden opened 196901.	60 28 32.0 N (60.4756)	13 19 11.0 E ( 13.3197)	420.0	HFS
SLM	Saint Louis ..... Missouri, U.S.A. opened 19091009.	38 38 10.0 N (38.6361)	90 14 10.0 W ( 90.2361)	161.0	SLM
SLN	Solinas ..... Antofagasta, Chile	23 09 14.0 S (23.1539)	69 36 40.0 W ( 69.6111)	1350.0	SAN
SLO	F (keyword for telegraphic format)				
SLP	San Antonio La Paz ..... Guatemala opened 1978.	14 44 34.8 N (14.7430)	90 16 58.2 W ( 90.2828)	1410.0	GCG
SLO	R Saint Louis du Ho Ho ..... Quebec, Canada opened 19840607.	47 39 58.2 N (47.6662)	69 00 37.2 W ( 69.0103)	320.0	OTTR
SLR	D Silverton ..... Transvaal, South Africa opened 19810720. DWSS opened 19811024.	25 44 07.0 S (25.7353)	28 16 55.2 E ( 28.2820)	1348.0	PRE DWSS
SLS	C Soengei Langko ..... Sumatera, Indonesia	5 24 ... S ( 5.4000)	105 13 ... E (105.2167)	240.0	
SLT	C Salto ..... Solto, Argentina	24 47 ... S (24.7833)	65 25 ... W ( 65.4167)	...	
(SLT)	see international code SLTC				
SLTC	R Salton Sea Test Base ..... Imperial County, California, U.S.A. opened 198103. PAS code SLT.	33 15 53.4 N (33.2648)	115 55 23.4 W (115.9232)	-50.0	PAS
SLTN	Sullivan ..... Tennessee, U.S.A.	36 26 35.4 N (36.4432)	82 07 13.8 W ( 82.1205)	1280.0	TVA
SLU	RD San Luis ..... Arizona, U.S.A. opened 197303.	32 30 06.1 N (32.5017)	114 46 38.3 W (114.7773)	41.0	PAS
SLV	Seldovia ..... Kenai Peninsula, Alaska, U.S.A. opened 19720930.	59 28 16.8 N (59.4713)	151 34 49.8 W (151.5805)	91.0	AGS
SLW	Petit Monier ..... Saint Lucia opened 19780625. Also sent to NEIS by FDF.	14 01 12.0 N (14.0200)	60 56 09.6 W ( 60.9360)	366.0	TRN
SLY	R Sufoymaniyah ..... Iraq	35 36 ... N (35.6000)	45 30 ... E ( 45.5000)	...	BHD
SM-	(Alternate Abbreviation for SM-TX)				
SM-TX	C Seymour ..... Texas, U.S.A. 19611206-19611220.	33 40 56.0 N (33.6822)	99 11 23.0 W ( 99.1897)	396.0	LRSM
SMA	C Summerton ..... South Carolina, U.S.A. 19740520-19750701.	33 37 42.0 N (33.6283)	80 19 05.0 W ( 80.3181)	...	USGS

TABLE 1

CODES

Code		Station Name, -Region and Comments	Latitude	Longitude	Elev.	Networks
SMAJ	R	Sumiya ..... Jordan opened 198309.	32 09 18.0 N (32.1550)	35 46 59.0 E ( 35.7831)	565.0	JSD
SMB	C	Samaipata ..... Bolivia	18 10 .. S (18.1667)	63 51 .. W ( 63.8500)	1650.0	
(SMB)		see international code SBJ				
SMC		Somerset ..... Colorado, U.S.A. opened 196907.	38 56 00.0 N (38.9333)	107 27 28.0 W (107.4578)	1905.0	USGS
SMCF		..... Roussillon, France	42 31 40.8 N (42.5280)	2 24 06.6 E ( 2.4018)	1000.0	
SME	RD	Santa Rosa Mine ..... Riverside County, California, U.S.A. opened 197502.	33 49 21.6 N (33.8227)	117 21 19.2 W (117.3553)	494.0	PAS
SMF	D	Signal de Mont ..... Bourbannais, France opened 19760501.	46 38 43.0 N (46.6453)	3 50 28.0 E ( 3.8411)	459.0	LDG
SMI	C	Simla ..... Himachal Pradesh, India	31 06 .. N (31.1000)	77 11 .. E ( 77.1833)	...	
SMJ	R	Shimohsa ..... Chiba, Honshu, Japan opened 197804. CDPJ code SHM.	35 47 36.2 N (35.7934)	140 01 25.7 E (140.0238)	-2277.0	CDPJ
(SMJ)		see international code SMJD				
SMJD	U	Shimonomoto ..... Gifu, Honshu, Japan 19710721-19731225. DRI code SMJ.	36 23 38.8 N (36.3941)	137 23 11.1 E (137.3864)	960.0	DRI
SMK	U	Shimokamo ..... Shizuoka, Honshu, Japan 197405-197505.	34 38 45.0 N (34.6458)	138 51 16.0 E (138.8544)	20.0	ERIJ
SMKY		Sacramento ..... Kentucky, U.S.A. opened 1985?	37 25 22.8 N (37.4230)	87 16 33.6 W ( 87.2760)	...	BHKY
SML		Sawmill ..... Central Alaska, Alaska, U.S.A. opened 19730831. AGS code SAW. (Alternate Abbreviation for ECH)	61 48 29.4 N (61.8082)	148 19 58.8 W (148.3330)	740.0	AGS
SMM						
SMN	C	Sleeping Mountain ..... Nevada, U.S.A. 1971-1973.	37 08 36.0 N (37.1433)	116 46 00.0 W (116.7667)	1341.0	USGS
SMO	RD	Santa Rosa Mountain ..... Riverside County, California, U.S.A. opened 197606.	33 32 08.9 N (33.5358)	116 27 42.1 W (116.4617)	...	PAS
SMP	C	Somplago ..... Friuli-Venezia Giulia, Italy	46 20 24.0 N (46.3400)	13 03 30.0 E ( 13.0583)	...	
SMR	C	Semeru ..... Java, Indonesia	8 06 .. S ( 8.1000)	112 54 .. E (112.9000)	...	
SMS	C	Samos ..... Greece	37 48 .. N (37.8000)	26 42 .. E ( 26.7000)	...	
SMSC		Smeltzer Mountain ..... South Carolina, U.S.A. opened 19770419.	34 55 51.0 N (34.9308)	82 58 15.6 W ( 82.9710)	500.0	USGS
SMT	C	Sultan-Mazar ..... Tajik S.S.R., U.S.S.R.	38 28 .. N (38.4667)	70 04 .. E ( 70.0667)	...	
SMTN		Shart Mountain ..... Tennessee, U.S.A. opened 19821005.	36 22 55.2 N (36.3820)	83 10 55.2 W ( 83.1820)	768.0	TEIC
SMU	C	Sunnyside Mine ..... Carbon County, Utah, U.S.A. 196201-196812.	39 36 00.0 N (39.6000)	110 22 54.0 W (110.3817)	1981.0	USGS
SMV		Samsville ..... Illinois, U.S.A. opened 197404.	38 29 20.4 N (38.4890)	88 04 55.2 W ( 88.0820)	134.0	SLM
SMW		South Mountain ..... Washington, U.S.A. opened 19750324.	47 19 10.2 N (47.3195)	123 20 30.0 W (123.3417)	840.0	SEA
SMWM	R	Sugarloaf Mountain West ..... Inyo County, California, U.S.A. opened 19750925.	36 01 09.5 N (36.0193)	117 50 44.9 W (117.8458)	1116.0	MNLO
SMX		San Miguel ..... Baja California, Mexico	31 41 16.8 N (31.6880)	115 54 13.2 W (115.9037)	...	ECX
SMY		Shemya ..... Aleutian Islands, Alaska, U.S.A. opened 19701117.	52 43 51.0 N (52.7308)	174 06 11.0 E (174.1031)	58.0	PMR USTN
(SMY)		see international code SYJ				
SN-		(Alternate Abbreviation for SN-AZ)				
SN-AZ	C	Sunflower ..... Arizona, U.S.A. 19640329-19651004.	33 51 49.0 N (33.8636)	111 41 34.0 W (111.6928)	884.0	LRSN
SN1	R	Shing ..... Tajik S.S.R., U.S.S.R.	39 18 .. N (39.3000)	67 48 .. E ( 67.8000)	...	MOSR
SNA		Sanae ..... Greater Antarctica, Antarctica opened 19640215.	70 18 54.0 S (70.3150)	2 19 30.0 W ( 2.3250)	57.0	PRE WWSS
SNB	D	Saturna Island ..... British Columbia, Canada opened 19810128.	48 46 30.0 N (48.7750)	123 10 14.9 W (123.1708)	405.0	WCTN
SNC	C	San Nicolas Island ..... Ventura County, California, U.S.A. 19570724-19680124.	33 14 54.0 N (33.2483)	119 31 24.0 W (119.5233)	275.0	PAS

Code	Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
SND	San Diego--College ..... San Diego County, California, U.S.A. opened 196408.	32 46 .. N (32.7667)	117 04 .. W (117.0667)	125.0	
(SND)	see international code SNDC				
SNDC	R Sand Canyon ..... Kern County, California, U.S.A. opened 198104. PAS code SND.	35 08 34.8 N (35.1430)	118 18 07.8 W (118.3022)	1317.0	PAS
SNF	Seneffe ..... Belgium opened 19850701	50 30 43.2 N (50.5120)	4 17 02.4 E ( 4.2840)	125.0	UCC
SNG	Songkhla ..... Thailand Opened 196511.	7 10 37.2 N ( 7.1770)	100 36 59.4 E (100.6165)	4.0	CHG WWSS
SNH	Sunshine Point ..... Central Alaska, Alaska, U.S.A. opened 19740910. AGS code SSP.	60 10 48.0 N (60.1800)	142 50 18.0 W (142.8383)	732.0	AGS
SNJ	R Sanriku ..... Iwate, Honshu, Japan opened 196808.	39 06 24.0 N (39.1067)	141 45 30.0 E (141.7583)	518.0	TOH
SNJ	C Sinj ..... Yugoslavia closed 1925?	43 44 .. N (43.7333)	16 39 .. E ( 16.6500)	...	
SNK	Salina ..... Kansas, U.S.A. opened 19780418.	38 57 10.8 N (38.9530)	97 36 10.8 W ( 97.6030)	407.0	LAK
SNL	C Sevenhill ..... South Australia, Australia 196701-197112.	33 53 14.0 S (33.8872)	138 38 21.0 E (138.6392)	480.0	ADE
SNM	Sacarra ..... New Mexico, U.S.A. opened 196207.	34 04 12.6 N (34.0702)	106 56 36.6 W (106.9435)	1511.0	SNM
SNN	Xining (Sining) ..... Qinghai, China (Mainland)	36 37 12.0 N (36.6200)	101 46 54.0 E (101.7817)	...	
SNO	Snow College ..... San Pete County, Utah, U.S.A.	39 18 51.6 N (39.3143)	111 32 16.8 W (111.5380)	2446.0	
SNP	C Saneput ..... Uttar Pradesh, India 19640404-?	28 59 .. N (28.9833)	77 00 .. E ( 77.0000)	220.0	NDI
SNPY	Stony Point ..... New York, U.S.A. opened 19750617.	41 15 58.8 N (41.2663)	74 00 14.4 W ( 74.0040)	122.0	BLMY
SNR	D Schaffner Ranch ..... Imperial County, California, U.S.A. opened 197303.	32 51 42.6 N (32.8618)	115 26 12.6 W (115.4368)	-29.0	PAS
SNS	D San Onofre ..... San Diego County, California, U.S.A. opened 197501.	33 25 55.8 N (33.4322)	117 32 55.8 W (117.5488)	152.0	PAS
SNT	Sears Point ..... Sanoma County, California, U.S.A. opened 19710203. MNLO code NSP.	38 10 57.6 N (38.1827)	122 27 12.0 W (122.4533)	88.0	MNLO
(SNT)	see international code SNTD				
SNTD	R Shikano ..... Tottori, Honshu, Japan opened 197504. DRI code SNT.	35 24 37.8 N (35.4105)	134 01 13.3 E (134.0204)	200.0	DRI
SNU	Stansbury North ..... Tooele County, Utah, U.S.A. opened 197805.	40 55 25.8 N (40.9238)	112 30 36.0 W (112.5100)	1378.0	SLC
SNY	Shenyang ..... Liaoning, China (Mainland) opened 198308.	41 49 40.0 N (41.8278)	123 34 41.0 E (123.5781)	54.0	BJI
SNZ	Senzan ..... Hyogo, Honshu, Japan opened 19720122.	34 21 10.8 N (34.3530)	134 50 26.7 E (134.8408)	370.0	ERIJ
SNZO	D South Karori ..... North Island, New Zealand opened 19760315.	41 18 37.0 S (41.3103)	174 42 16.7 E (174.7046)	-12.0	WEL SRO
SO-	(Alternate Abbreviation for SO-QB)				
SO-QB	C Sorel ..... Quebec, Canada 19620706-19620716.	45 45 18.0 N (45.7550)	72 15 18.0 W ( 72.2550)	152.0	LRSM
SOA	Owia ..... Saint Vincent, St. Vincent and the Grenadines (13.3735)	13 22 24.5 N (13.3735)	61 08 55.0 W ( 61.1486)	40.0	TRN
SOB	Sobradinho (Sovela) ..... Bahia, Brazil opened 19780927.	9 17 19.8 S ( 9.2888)	41 10 09.7 W ( 41.1694)	416.0	VAO
SOB1	Sobradinho (Serra) ..... Bahia, Brazil	9 12 31.9 S ( 9.2089)	40 53 41.2 W ( 40.8948)	424.0	VAO
SOB2	Sobradinho (Sao Goncalo) ..... Bahia, Brazil	9 34 06.4 S ( 9.5684)	40 57 39.9 W ( 40.9611)	...	VAO
SOB3	Sobradinho (Tapuia) ..... Bahia, Brazil	9 46 15.1 S ( 9.7709)	41 15 49.8 W ( 41.2638)	434.0	VAO
SOB4	Sobradinho (Grosador) ..... Bahia, Brazil	9 20 33.2 S ( 9.3426)	41 29 03.0 W ( 41.4842)	440.0	VAO
SOC	D Sochi ..... Krasnodarskiy Krai, R.S.F.S.R., U.S.S.R.	43 35 .. N (43.5833)	39 43 .. E ( 39.7167)	192.0	MOS
SOD	Sodankyla ..... Finland	67 22 16.2 N (67.3712)	26 37 44.7 E ( 26.6291)	181.0	HEL
SOF	Sofia ..... Bulgaria	42 41 07.0 N (42.6853)	23 20 03.0 E ( 23.3342)	546.0	SOF

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SOH		Sokhos ..... Greece opened 19810101.	40 49 18.0 N (40.8217)	23 21 14.0 E ( 23.3539)	670.0	THE
SOKY		Sonora ..... Kentucky, U.S.A. opened 1985?	37 31 33.6 N (37.5260)	85 57 54.0 W ( 85.9650)	...	BHKY
SOL	R	Solontsovoya ..... Irkutskoye Oblast, R.S.F.S.R., U.S.S.R.	54 06 .. N (54.1000)	108 18 .. E (108.3000)	...	MOSR
SOM		Sombrero ..... Magallanes, Chile opened 19641222; reopened 196909.	52 46 51.0 S (52.7808)	69 14 32.0 W ( 69.2422)	73.0	SAN WWSS
SON	C	Sonneberg ..... German Dem. Rep. closed 19680701.	50 22 41.4 N (50.3782)	11 11 33.0 E ( 11.1925)	634.0	
SONY		Sodus ..... New York, U.S.A.	43 11 31.8 N (43.1922)	76 57 52.8 W ( 76.9647)	122.0	BLMY
SOP		Sopron ..... Hungary	47 41 00.0 N (47.6833)	16 33 30.0 E ( 16.5583)	260.0	BUD
SOR		Soroo ..... Cuba opened 19640820. also sent to NEIS by MOS.	22 47 02.4 N (22.7840)	83 00 28.8 W ( 83.0080)	206.0	
SOS		Soda Springs ..... Santa Cruz County, California, U.S.A. opened 19750122. MNLO code JSS.	37 10 10.2 N (37.1695)	121 55 50.5 W (121.9307)	946.0	MNLO
SOU	R	Souberoch ..... Provence, France	44 39 41.0 N (44.6614)	5 41 25.0 E ( 5.6903)	960.0	
SOX	R	Sue Hot Springs ..... Nevada, U.S.A. opened 198001.	40 06 06.1 N (40.1017)	117 43 00.1 W (117.7167)	1198.0	REN
SP-IS	C	Soint Paul ..... Pribilof Islands, Alaska, U.S.A. 19670702-19670910.	57 09 15.0 N (57.1542)	170 13 05.0 W (170.2181)	10.0	LRSM
SPA	D	South Pole ..... Greater Antarctica, Antarctica opened 1957. WWSS opened 19630216. IDA opened 197901.	90 00 .. S (90.0000)	0 00 .. E ( 0.0000)	2927.0	NEIS WWSS IDA
SPC		Skalnate-Pleso ..... Czechoslovakia	49 11 20.0 N (49.1889)	20 14 42.0 E ( 20.2450)	1772.0	BRA
SPD		Saint Peter's Dome Lookout ..... New Mexico, U.S.A. opened 197309.	35 45 28.0 N (35.7578)	106 22 10.0 W (106.3694)	2566.0	LOA
SPE		(Alternate Abbreviation for XAN)				
SPF	CD	Saint Paul-en-Forêt ..... Provence, France closed 19800710.	43 33 50.0 N (43.5639)	6 41 50.0 E ( 6.6972)	337.0	LDG
SPG	R	Soltpond ..... Ghana opened 198005.	5 12 .. N ( 5.2000)	1 04 .. W ( 1.0667)	50.0	
SPGM	F	Service de Physique du Globe, Morocco				
SPH	C	San Pedro Hill ..... Riverside County, California, U.S.A. 197107-197403.	33 44 48.0 N (33.7467)	118 20 04.8 W (118.3347)	445.0	PAS
SPI	C	Soint Poul Islands ..... Pribilof Islands, Alaska, U.S.A.	57 09 36.0 N (57.1600)	170 13 30.0 W (170.2250)	...	
SPIN		Swon Pond Ditch ..... Indiana, U.S.A.	38 32 24.0 N (38.5400)	87 36 25.0 W ( 87.6069)	122.0	SLM
SPJ	R	Spur Tree ..... Jamaica	17 59 45.3 N (17.9959)	77 33 34.4 W ( 77.5596)	751.0	TRN
(SPJ)		see international code SPJN				
SPJN	R	Shinpukeji ..... Gifu, Honshu, Japan opened 196607. NGY code SPJ.	35 27 13.5 N (35.4538)	136 47 34.7 E (136.7930)	65.0	NGY
SPK		Scotts Peak ..... Tasmania, Australia opened 19720704.	43 02 18.0 S (43.0383)	146 16 30.0 E (146.2750)	425.0	TAU
SPL		Spiridon Lake ..... Kodiak Island, Alaska, U.S.A. opened 197510.	57 45 33.0 N (57.7592)	153 46 17.0 W (153.7714)	600.0	GIA
SPM	D	Ship Mountains ..... San Bernardino County, California, U.S.A. opened 197404.	34 28 19.2 N (34.4720)	115 24 09.6 W (115.4027)	915.0	PAS
SPN		Mys Shipunski ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R.	53 06 .. N (53.1000)	160 05 .. E (160.0833)	...	MOS
SPNY	R	Stone Ridge ..... New York, U.S.A.	41 52 32.2 N (41.8756)	74 08 57.1 W ( 74.1492)	...	
SPO	C	Spokane ..... Washington, U.S.A. 1909-1969.	47 43 48.0 N (47.7300)	117 20 32.0 W (117.3422)	713.0	
SPP	C	Saint Paul ..... Pribilof Islands, Alaska, U.S.A.	57 09 12.0 N (57.1533)	170 14 24.0 W (170.2400)	...	
SPR	C	Saint Pierre ..... Saint Pierre and Miquelon	46 47 .. N (46.7833)	56 11 .. W ( 56.1833)	...	
SPRG		Spotted Range ..... Nevada, U.S.A. opened 19790528.	36 41 38.0 N (36.6939)	115 48 34.0 W (115.8094)	1235.0	USGS
SPS	C	San Pedro de Poos ..... Costa Rica 196602-1974.	10 04 39.2 N (10.0776)	84 15 04.2 W ( 84.2512)	1120.0	SJR



## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SPSY	R Saint Peters School New York, U.S.A. opened 19750530.	41 18 07.0 N (41.3019)	73 53 26.0 W ( 73.8906)	168.0	BLMY
SPT	South Point Hawaii, Hawaii, U.S.A. opened 19710310.	18 58 54.6 N (18.9818)	155 39 55.2 W (155.6653)	244.0	HVO
SPU	Mount Spurr Western Alaska, Alaska, U.S.A. opened 19710810.	61 10 54.0 N (61.1817)	152 03 15.6 W (152.0543)	800.0	AGS
SPV	C Sa-Pa Vietnam 1961-1972; 1974-197902.	22 20 09.7 N (22.3360)	103 49 51.8 E (103.8311)	1570.0	PLV
SPW	Seward Park Washington, U.S.A. opened 19690917.	47 33 13.3 N (47.5537)	122 14 45.1 W (122.2459)	8.0	SEA
SPX	San Pedro Martir Baja California, Mexico (31.0450)	31 02 42.0 N (31.0450)	115 27 54.0 W (115.4650)	...	ECX
SPY	Shingle Point Yukon Territory, Canada opened 19821005.	68 59 31.2 N (68.9920)	137 15 36.0 W (137.2600)	35.0	OTTR
SPZ	F (keyword for telegraphic format)				
SO-IS	C Shemya Aleutian Islands, Alaska, U.S.A. 19670714-19670910.	52 43 37.0 N (52.7269)	174 06 33.0 E (174.1092)	61.0	LRSN
SQU	C Squaw Peak Utah County, Utah, U.S.A. 197409-198007.	40 16 54.0 N (40.2817)	111 36 38.0 W (111.6106)	2353.0	SLC
SR-	(Alternate Abbreviation for SR-OR)				
SR-OR	C Sparta Oregon, U.S.A. 19630319-19630603.	44 56 25.0 N (44.9403)	117 25 40.0 W (117.4278)	1341.0	LRSN
SRA	San Ramon Costa Rica opened 1974? Also sent to NEIS by ICRE.	10 04 57.0 N (10.0825)	84 26 53.4 W ( 84.4482)	1160.0	SJR
SRB	Samuel Rondonia, Brazil ( 8.8333)	8 50 00.0 S ( 8.8333)	63 28 18.0 W ( 63.4717)	...	BDF
SRC	C Salinas Radio Site Monterey County, California, U.S.A. 19690509-19770304.	36 40 06.6 N (36.6685)	121 31 07.8 W (121.5188)	399.0	MNLO
SRD	San Andres Colombia opened 19750125.	6 48 47.5 N ( 6.8132)	72 51 01.0 W ( 72.8503)	1640.0	BOG
SRE	Strehia Romania opened 19820901.	44 39 44.0 N (44.6622)	23 12 19.0 E ( 23.2053)	335.0	BUC
SRF	C Snake Ranch Flats New Mexico, U.S.A. 196901-196906.	34 12 12.0 N (34.2033)	107 05 24.0 W (107.0900)	1768.0	SNM
SRG	Seaman Range Nevada, U.S.A. opened 19790608.	37 52 56.0 N (37.8822)	115 04 05.0 W (115.0681)	1645.0	USGS USTN
SRH	R Riland Hill Saint Vincent, St. Vincent and the Grenadines (13.1860)	13 11 09.6 N (13.1860)	61 15 14.4 W ( 61.2540)	274.0	TRN
SRI	Sefid-Roud Iran opened 196910.	36 45 30.0 N (36.7583)	49 23 00.0 E ( 49.3833)	240.0	TEH
SRJ	U Sugihara Gifu, Hanshu, Japan 19710805-19750928.	36 24 50.8 N (36.4141)	137 11 30.2 E (137.1917)	440.0	DRI
(SRJ)	see international code SRJD				
SRJD	U Shirakawa Gifu, Hanshu, Japan 197307-197405. DRI code SRJ.	35 34 39.7 N (35.5777)	136 24 57.6 E (136.4160)	380.0	DRI
SRK	Sredniy Kalar Chitinskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code SKL.	55 54 .. N (55.9000)	117 24 .. E (117.4000)	720.0	MOSR
SRL	C Santa Rosalia Baja California Sur, Mexico (27.3288)	27 19 43.7 N (27.3288)	112 16 32.2 W (112.2756)	...	
SRM	C Socorro-La Joya New Mexico, U.S.A. 19690625-19700630.	34 20 31.0 N (34.3419)	106 53 55.0 W (106.8986)	1522.0	SNM
(SRM)	see international code SRMH				
SRMH	R Minami-Gairin Iburi, Hokkaido, Japan opened 19770823. HSS code SRM.	42 31 52.2 N (42.5312)	140 49 58.9 E (140.8330)	476.0	HSS
SRMY	R Scherman New York, U.S.A. opened 19750617.	41 13 42.0 N (41.2283)	73 00 50.0 W ( 73.0139)	165.0	BLMY
SRN	Saranda Albania (39.8800)	39 52 48.0 N (39.8800)	20 00 02.0 E ( 20.0006)	...	TIR
SRO	Srabarava Czechoslovakia (47.8133)	47 48 48.0 N (47.8133)	18 18 48.0 E ( 18.3133)	150.0	BRA
SRPD	Savannah River Plant--D-Area South Carolina, U.S.A. opened 19760806.	33 09 18.0 N (33.1550)	81 42 45.0 W ( 81.7125)	31.0	
SRPN	Savannah River Plant--Navy South Carolina, U.S.A. opened 19760806.	33 19 44.0 N (33.3289)	81 35 20.0 W ( 81.5889)	94.0	

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SRPW	Savannah River Plant--Well DRB-10 South Carolina, U.S.A. opened 19760806.	33 12 08.0 N (33.2022)	81 34 41.0 W ( 81.5781)	77.0	
SRR	Isla Socorro Colima, Mexico opened 197410? reopened 1984.	18 43 31.3 N (18.7254)	110 57 08.8 W (110.9524)	...	UNM
SRS	Serrai Greece opened 19810101.	41 07 02.0 N (41.1172)	23 35 32.0 E ( 23.5922)	400.0	THE
SRT	Sarutani Nara, Honshu, Japan opened 196005; moved 19660417.	34 10 34.1 N (34.1761)	135 44 42.0 E (135.7450)	440.0	ERIJ
(SRT)	see international code SRTC				
SRTC	R Snart Kern County, California, U.S.A. opened 198207. PAS code SRT.	35 41 30.6 N (35.6918)	117 44 57.6 W (117.7493)	698.0	PAS
SRY	Shirayama Kanagawa, Honshu, Japan opened 196706.	35 36 30.0 N (35.6083)	139 16 27.0 E (139.2742)	254.0	ERIJ
SS-	(Alternate Abbreviation for SS-TX)				
SS-TX	C Sanderson Texas, U.S.A. 19611019-19630611.	30 01 17.0 N (30.0214)	102 19 41.0 W (102.3281)	732.0	LRSN
SS2	D San Sevaire San Bernardino County, California, U.S.A. opened 197601. PAS code SSV.	34 12 27.6 N (34.2077)	117 29 58.8 W (117.4997)	...	PAS
SSA	(Alternate abbreviation for SSR)				
SSB	D Saint Sauveur en Rue Languedac, France IDA 198109-198304.	45 16 45.1 N (45.2792)	4 32 30.8 E ( 4.5419)	700.0	PAR IDA
SSC	CD Saint Sauveur de Carauges Normandie, France closed 19820928.	48 35 03.0 N (48.5842)	0 06 27.0 W ( 0.1075)	300.0	LDG
SSE	Sheshan Shanghai, China (Mainland) opened 19761115.	31 05 44.0 N (31.0956)	121 11 12.0 E (121.1867)	10.0	BJI
SSF	D Saint Saulge Nivernais, France opened 19670329.	47 03 41.5 N (47.0615)	3 30 21.5 E ( 3.5060)	355.0	LDG
SSF1	C Saint Saulge Nivernais, France closed 19670329.	47 07 00.0 N (47.1167)	3 30 05.0 E ( 3.5014)	...	LDG
SSG	Sans Taucher Guadeloupe FDF code STG.	16 05 19.2 N (16.0887)	61 40 43.8 W ( 61.6788)	1210.0	FDF
SSH	C Sunshine Central Alaska, Alaska, U.S.A. 197108-197209.	62 10 00.0 N (62.1667)	150 04 39.6 W (150.0777)	100.0	GIA
SSHN	R (31.0967) ( 21.1864)	31 05 48.0 N (31.0967)	21 11 11.0 E ( 21.1864)	90.0	
SSI	C Semisapochnoi Island Aleutian Islands, Alaska, U.S.A. 19701017-19730430.	51 53 32.8 N (51.8924)	179 35 17.9 E (179.5883)	178.0	USGS
SSJ	C Shinshu-Shinmachi Nagano, Honshu, Japan 196708-197303.	36 34 17.5 N (36.5715)	138 02 22.5 E (138.0396)	580.0	ERIJ
SSK	RD Sunset Peak Los Angeles County, California, U.S.A. opened 197601. PAS code SUN.	34 12 58.3 N (34.2162)	117 41 19.3 W (117.6887)	...	PAS
SSKY	Summer Shade Kentucky, U.S.A. (36.7955) ( 85.7925)	36 47 43.8 N (36.7955)	85 47 33.0 W ( 85.7925)	300.0	TVA
SSL	C Sunset Lake Pennsylvania, U.S.A. 19730213-197605.	41 09 40.2 N (41.1612)	74 54 57.6 W ( 74.9160)	259.0	PAL
SSM	C Seminaire Saint Martial Haiti (18.5556) ( 72.3375)	18 33 20.0 N (18.5556)	72 20 15.0 W ( 72.3375)	26.0	
SSN	San Juan del Sur Nicaragua opened 1975.	11 18 04.2 N (11.3012)	85 51 12.6 W ( 85.8535)	160.0	APY
(SSN)	see international code SUA				
SSP	Shoshone Peak Nevada, U.S.A. opened 19731010.	36 55 30.0 N (36.9250)	116 13 07.0 W (116.2186)	2065.0	USGS
(SSP)	see international code SNH				
SSQ	C Sandspit British Columbia, Canada 19770714-19780318.	53 15 .. N (53.2500)	131 49 .. W (131.8167)	3.0	OTTR
SSR	Susara Romania (44.8633) ( 21.7433)	44 51 48.0 N (44.8633)	21 44 36.0 E ( 21.7433)	400.0	BUC
SSS	San Salvador El Salvador (13.6811) ( 89.1981)	13 40 52.0 N (13.6811)	89 11 53.0 W ( 89.1981)	665.0	SSS
SSSS	F (keyword for telegraphic transmission)				
SST	C Susitna Central Alaska, Alaska, U.S.A. 19710824-19720815.	61 26 05.0 N (61.4347)	150 46 49.0 W (150.7803)	780.0	AGS
SSTOP	F (keyword for telegraphic format)				
SSU	San Pedro Sula Honduras (15.5000) ( 88.0500)	15 30 .. N (15.5000)	88 03 .. W ( 88.0500)	200.0	HKT

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## CODES

TABLE 1

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SSV	R	Crater Summit ..... Saint Vincent, St. Vincent and the Grenadines opened 19790116.	13 19 37.2 N (13.3270)	61 11 34.8 W ( 61.1930)	824.0	TRN
(SSV)		see international code SS2				
SSX	C	SS1 ..... Nevada, U.S.A. 1965-1970.	37 13 41.5 N (37.2282)	116 17 25.1 W (116.2903)	2248.0	USGS
SSZ	R	Sekisonzan ..... Nagano, Hanshu, Japan opened 196210.	36 23 12.0 N (36.3867)	138 31 15.0 E (138.5208)	1869.0	ERIJ
ST-		(Alternate Abbreviation for ST-NV)				
ST-NV	C	Stillwater ..... Nevada, U.S.A. 19630130-19630329.	39 26 17.0 N (39.4381)	118 34 48.0 W (118.5800)	1219.0	LRSM
ST1		(Alternate Abbreviation for ST1TX)				
ST1TX	C	Streeter ..... Texas, U.S.A. 19670415-19670516.	30 45 08.0 N (30.7522)	99 21 20.0 W ( 99.3556)	518.0	LRSM
ST2		(Alternate Abbreviation for ST2TX)				
ST2TX	C	Streeter ..... Texas, U.S.A. 19670416-19670516.	30 47 32.0 N (30.7922)	99 26 52.0 W ( 99.4478)	579.0	LRSM
ST4		(Alternate Abbreviation for ST4TX)				
ST4TX	C	Streeter ..... Texas, U.S.A. 19670416-19670516.	31 09 48.0 N (31.1633)	100 03 40.0 W (100.0611)	640.0	LRSM
STA	C	Satara ..... Maharashtra, India 19640913-?	17 41 42.0 N (17.6950)	74 00 00.0 E ( 74.0000)	665.0	NDI
STAR		Star City ..... Arkansas, U.S.A. opened 19810208.	33 53 31.2 N (33.8920)	91 46 40.8 W ( 91.7780)	107.0	TEIC
STAT	F	(keyword for telegraphic format)				
STATF	F	(keyword for telegraphic format)				
STATP	F	(keyword for telegraphic format)				
STB		Steinbach ..... Nordrhein-Westfalen, Fed. Rep. of Germany opened 197512.	50 35 43.1 N (50.5953)	6 50 24.0 E ( 6.8400)	270.0	BNS
STC	C	Stone Canyon Observatory ..... San Benito County, California, U.S.A. 19670122-19761006.	36 38 06.0 N (36.6350)	121 14 00.0 W (121.2333)	259.0	MNLO
STE		Stepanavan ..... Armenian S.S.R., U.S.S.R.	41 00 .. N (41.0000)	44 23 .. E ( 44.3833)	1200.0	MOSR
STG		Strathgordon ..... Tasmania, Australia opened 197207.	42 50 54.0 S (42.8483)	146 12 24.0 E (146.2067)	350.0	TAU
(STG)		see international code SGA				
(STG)		see international code SSG				
STH		Stony Hill ..... Jamaica opened 19670401.	18 04 40.8 N (18.0780)	76 48 50.4 W ( 76.8140)	427.0	TRN
STI	C	Star Valley ..... Idaho, U.S.A. 197612-197909.	42 48 08.0 N (42.8022)	111 03 03.0 W (111.0508)	...	SLC
STJ		Saint John's ..... Newfoundland, Canada opened 19640601.	47 34 18.0 N (47.5717)	52 44 00.0 W ( 52.7333)	62.0	OTT
STK		Stephens Creek ..... New South Wales, Australia opened 19740401.	31 52 54 0 S (31.8817)	141 35 30.0 E (141.5917)	213.0	AUST
(STK)		see international code STKP				
STKP	R	St. Kitts ..... Saint Christopher, Saint Christopher-Nevis PAL code STK.	17 22 48.0 N (17.3800)	62 49 37.2 W ( 62.8270)	366.0	PAL
STL	C	Santa Lucia ..... Santiago, Chile opened 19750604.	33 26 10.0 S (33.4361)	70 38 28.0 W ( 70.6411)	595.0	SAN
STLY	R	Stiles ..... New York, U.S.A. opened 19750604.	41 11 19.0 N (41.1886)	74 00 13.0 W ( 74.0036)	125.0	BLMY
STM	C	Slate Mountain ..... Nevada, U.S.A. 1972-197507.	39 06 50.4 N (39.1140)	118 12 00.0 W (118.2000)	2020.0	REN
(STM)		see international code MRN				
STN	C	Sealoun ..... North Island, New Zealand closed about 1935.	41 19 .. S (41.3167)	174 48 .. E (174.8000)	3.0	WEL
STO	C	Stonyhurst (Blackburn) ..... England, United Kingdom	53 51 .. N (53.8500)	2 28 .. W ( 2.4667)	116.0	
STOP	F	(keyword for telegraphic format)				
STOP0	F	(keyword for telegraphic format)				
STOP1	F	(keyword for telegraphic format)				
STOP2	F	(keyword for telegraphic format)				
STOP3	F	(keyword for telegraphic format)				
STOP4	F	(keyword for telegraphic format)				
STOP5	F	(keyword for telegraphic format)				
STOP6	F	(keyword for telegraphic format)				
STOP7	F	(keyword for telegraphic format)				
STOP8	F	(keyword for telegraphic format)				
STOP9	F	(keyword for telegraphic format)				
STOPA	F	(keyword for telegraphic format)				

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TABLE 1

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Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
STOPB	F (keyword for telegraphic format)				
STOPC	F (keyword for telegraphic format)				
STOPD	F (keyword for telegraphic format)				
STOPE	F (keyword for telegraphic format)				
STOPF	F (keyword for telegraphic format)				
STOPG	F (keyword for telegraphic format)				
STOPH	F (keyword for telegraphic format)				
STOPI	F (keyword for telegraphic format)				
STOPJ	F (keyword for telegraphic format)				
STOPK	F (keyword for telegraphic format)				
STOPL	F (keyword for telegraphic format)				
STOPM	F (keyword for telegraphic format)				
STOPN	F (keyword for telegraphic format)				
STOPO	F (keyword for telegraphic format)				
STOPP	F (keyword for telegraphic format)				
STOPQ	F (keyword for telegraphic format)				
STOPR	F (keyword for telegraphic format)				
STOPS	F (keyword for telegraphic format)				
STOPT	F (keyword for telegraphic format)				
STOPU	F (keyword for telegraphic format)				
STOPV	F (keyword for telegraphic format)				
STOPW	F (keyword for telegraphic format)				
STOPX	F (keyword for telegraphic format)				
STOPY	F (keyword for telegraphic format)				
STOPZ	F (keyword for telegraphic format)				
STP	C Stepladder Mountains ..... San Bernardino County, California, U.S.A. 197404-197610.	34 34 16.2 N (34.5712)	114 50 52.8 W (114.8480)	628.0	PAS
STR	Strasbourg ..... Alsace, France	48 35 05.0 N (48.5847)	7 45 57.0 E ( 7.7658)	135.0	STR
(STR)	see international code STRE				
STRE	R Sannatorii ..... Nagano, Honshu, Japan opened 195706. ERIJ code STR.	36 24 05.0 N (36.4014)	138 33 06.0 E (138.5517)	1825.0	ERIJ
STS	Santiago de Compostela ..... Spain opened 19720506.	42 53 09.5 N (42.8860)	8 33 03.3 W ( 8.5509)	265.0	MDD
STT	C Seattle-Marshall ..... Washington, U.S.A. 196404-197604.	47 25 22.0 N (47.4228)	122 18 49.2 W (122.3137)	...	
(STT)	see international code STTC				
STTC	R Scott Ranch ..... Los Angeles County, California, U.S.A. opened 198104. PAS code STT.	34 47 18.6 N (34.7885)	118 27 42.6 W (118.4618)	829.0	PAS
STU	Stuttgart ..... Baden-Wuerttemberg, Fed. Rep. of Germany opened 1929. WWSS opened 19620220.	48 46 19.0 N (48.7719)	9 11 42.0 E ( 9.1950)	360.0	STU WWSS
STV	Santa Anna di Voldieri ..... Piemonte, Italy opened 196701. Sent to NEIS by ROM.	44 14 39.0 N (44.2442)	7 19 28.0 E ( 7.3244)	985.0	GEN
STW	Striped Peak ..... Washington, U.S.A. opened 19730627.	48 09 00.7 N (48.1502)	123 40 12.0 W (123.6700)	308.0	SEA
STWA	Stillwater ..... New York, U.S.A. (42.9620) ( 73.6773)	42 57 43.2 N (42.9620)	73 40 38.4 W ( 73.6773)	103.0	BLMY
STX	C Station 2 ..... Nevado, U.S.A. 1964-1970.	37 11 38.4 N (37.1940)	116 09 40.8 W (116.1613)	1632.0	USGS
STY	C Stony River ..... Western Alaska, Alaska, U.S.A. 19720724-19750129.	61 08 40.2 N (61.1445)	154 12 06.6 W (154.2018)	1047.0	AGS
STZ	C Strotford ..... North Island, New Zealand 1934-1939.	39 21 .. S (39.3500)	174 17 .. E (174.2833)	305.0	WEL
SU-	(Alternate Abbreviation for SU-VA)				
SU-VA	C Schuyler ..... Virginia, U.S.A. 19650619-19650723.	37 45 35.0 N (37.7597)	78 43 36.0 W ( 78.7267)	165.0	LRSM
SUA	Susitna One ..... Central Alaska, Alaska, U.S.A. opened 19720815. AGS code SSN.	61 27 49.8 N (61.4638)	150 44 36.0 W (150.7433)	1297.0	AGS
SUC	C Sucre ..... Bolivia (19.0467) ( 65.2644)	19 02 48.0 S (19.0467)	65 15 52.0 W ( 65.2644)	2850.0	
SUD	Sudbury ..... Ontario, Canada opened 19671122.	46 28 .. N (46.4667)	80 58 .. W ( 80.9667)	267.0	OTTR
SUE	Sulen ..... Norway opened 198411.	61 03 25.2 N (61.0570)	4 45 39.6 E ( 4.7610)	10.0	BER
SUF	D Sumiainen ..... Finland opened 19770831.	62 43 09.0 N (62.7192)	26 09 02.0 E ( 26.1506)	185.0	HEL
SUFF	Suffern ..... New York, U.S.A. (41.1583) ( 74.1092)	41 09 30.0 N (41.1583)	74 06 33.0 W ( 74.1092)	152.0	BLMY
SUG	C Sugar Island ..... Michigan, U.S.A. 19690926-19700530.	46 31 17.0 N (46.5214)	84 08 18.0 W ( 84.1383)	190.0	AAM
SUI	Suihuo ..... Heilongjiang, China (Mainland)	46 37 24.0 N (46.6233)	126 59 30.0 E (126.9917)	...	

Code	Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
SUK	Suckling Hill ..... Central Alaska, Alaska, U.S.A. opened 19741002.	60 04 25.2 N (60.0737)	143 46 37.2 W (143.7770)	454.0	AGS
SUL	Sulphur Creek ..... New Britain, Papua New Guinea	4 13 09.8 S ( 4.2194)	152 11 33.3 E (152.1926)	9.0	RAB
SUM	Sumoto ..... Tokushima, Shikoku, Japan (34.3350)	34 20 06.0 N (34.3350)	134 54 30.0 E (134.9083)	110.0	JMA
SUN	C Sunnyside ..... Carbon County, Utah, U.S.A. 1962-1977.	39 37 .. N (39.6167)	110 24 .. W (110.4000)	...	USGS
(SUN)	see international code SSK				
(SUN)	see international code SUNK				
SUNK	R Sunasenri ..... Kumamoto, Kyushu, Japan opened 1959. KYT code SUN.	32 52 10.2 N (32.8695)	131 05 21.2 E (131.0892)	1240.0	KYT
SUO	R Sudbury ..... Ontario, Canada (46.4027)	46 24 09.6 N (46.4027)	81 00 24.6 W ( 81.0068)	252.0	OTTR
SUP	D Superstition Mountain ..... Imperial County, California, U.S.A. opened 197303.	32 57 18.6 N (32.9552)	115 49 25.8 W (115.8238)	221.0	PAS
SUR	D Sutherland ..... Cape Province, South Africa IDA opened 197512.	32 22 48.0 S (32.3800)	20 48 42.0 E ( 20.8117)	1760.0	PRE IDA
SURF	R Saint Ours ..... Provence, France opened 198310.	44 28 51.2 N (44.4809)	6 48 46.3 E ( 6.8129)	1820.0	
SURI	Summit Reservoir ..... Idaho, U.S.A. opened 198312.	44 18 21.0 N (44.3058)	113 28 57.0 W (113.4825)	2324.0	SLC
SUS	C Susaki (Mitsui) ..... Shizuoka, Honshu, Japan closed 1941.	34 40 .. N (34.6667)	138 59 .. E (138.9833)	3.0	ERI J
SUT	Suitsu ..... Shiribeshi, Hokkaido, Japan (42.7900)	42 47 24.0 N (42.7900)	140 14 24.0 E (140.2400)	16.0	JMA
SUU	Santaquin Canyon ..... Juab County, Utah, U.S.A. opened 197409.	39 53 19.2 N (39.8887)	111 47 30.0 W (111.7917)	1987.0	SLC
(SUU)	see international code SUUS				
SUUS	R Susuman ..... Magadanskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code SUU.	62 47 .. N (62.7833)	148 10 .. E (148.1667)	...	MOSR
SUV	C Suva ..... Fiji closed 197106.	18 08 56.0 S (18.1489)	178 27 26.0 E (178.4572)	6.0	WEL
SV-	(Alternate Abbreviation for SV-AZ)				
SV-AZ	C Springerville ..... Arizona, U.S.A. 19611125-19620503.	34 10 32.0 N (34.1756)	109 08 49.0 W (109.1469)	2134.0	LRSM
SV2	(Alternate Abbreviation for SV20B)				
SV20B	C Schefferville ..... Quebec, Canada 19640920-19650723.	54 48 54.0 N (54.8150)	66 45 31.0 W ( 66.7586)	594.0	LRSM
SV3	(Alternate Abbreviation for SV30B)				
SV30B	C Schefferville ..... Quebec, Canada 19650713-19680909.	54 48 39.0 N (54.8108)	66 45 00.0 W ( 66.7500)	579.0	LRSM
SVA	Suva ..... Fiji opened 19750526.	18 06 59.0 S (18.1164)	178 27 28.0 E (178.4578)	38.0	SVA
SVB	Belmont ..... Saint Vincent, St. Vincent and the Grenadines opened 19780606.	13 16 19.2 N (13.2720)	61 15 07.2 W ( 61.2520)	282.0	TRN
(SVB)	see international code SVBS				
SVBS	R Severo-Bykalsk ..... Buryatskoye ASSR, R.S.F.S.R., U.S.S.R. MOS code SVB.	55 36 .. N (55.6000)	109 24 .. E (109.4000)	...	MOSR
SVC	Silver Creek ..... Santa Clara County, California, U.S.A. opened 19670610. MNLO code CSC.	37 17 06.6 N (37.2852)	121 46 21.0 W (121.7725)	128.0	MNLO
SVE	Sverdlovsk (Ekaterinburg) ..... Sverdlovskoye Oblast, R.S.F.S.R., U.S.S.R.	56 48 36.0 N (56.8100)	60 38 12.0 E ( 60.6367)	275.0	MOS
SVG	R Indian Gallows ..... Saint Vincent, St. Vincent and the Grenadines (13.2450)	13 14 42.0 N (13.2450)	61 16 40.8 W ( 61.2780)	46.0	TRN
SVI	C Soint Vincent (Questelles Point) ..... Saint Vincent, St. Vincent and the Grenadines closed 196403.	13 10 12.0 N (13.1700)	61 15 28.8 W ( 61.2580)	10.0	TRN
SVK	R Severo-Muysk ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	56 12 .. N (56.2000)	113 30 .. E (113.5000)	...	MOSR
SVL	R Baleine ..... Saint Vincent, St. Vincent and the Grenadines (13.3680)	13 22 04.8 N (13.3680)	61 12 14.4 W ( 61.2040)	91.0	TRN
SVM	Silver City ..... New Mexico, U.S.A. opened 19771201.	32 46 43.2 N (32.7787)	108 17 48.0 W (108.2967)	1932.0	NEIS
SVMT	Summit Valley ..... Montana, U.S.A. opened 1984	45 52 55.8 N (45.8822)	112 34 16.2 W (112.5712)	1914.0	BUT
SVN	Sovane Anotole ..... Martinique FDF code SAM.	14 50 30.0 N (14.8417)	61 10 04.2 W ( 61.1678)	510.0	FDF

TABLE 1

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Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SVO	Savo Solomon Islands opened 1980? reopened 19830127.	9 09 00.0 S ( 9.1500)	159 48 54.0 E (159.8150)	87.0	HNR
SVP	Silver Peak Range Nevada, U.S.A. opened 19790713.	37 42 54.0 N (37.7150)	117 48 03.0 W (117.8008)	2620.0	USGS USTN
SVR	Savage River Tasmania, Australia (41.4667)	41 28 .. S (41.4667)	145 13 .. E (145.2167)	...	TAU
SVS	Slandsville South Carolina, U.S.A. opened 19760331.	32 58 08.0 N (32.9689)	80 14 55.0 W ( 80.2486)	...	USGS
SVT	Saint Vincent (Camden Park) Saint Vincent, St. Vincent and the Grenadines opened 19640303.	13 10 04.8 N (13.1680)	61 14 42.0 W ( 61.2450)	38.0	TRN
SVV	Soufriere Volcano (Wallibou) Saint Vincent, St. Vincent and the Grenadines opened 19780924.	13 19 04.8 N (13.3180)	61 12 57.6 W ( 61.2160)	243.0	TRN
SVW	Sparrevohn Western Alaska, Alaska, U.S.A. opened 196708.	61 06 29.4 N (61.1082)	155 37 18.0 W (155.6217)	762.0	PMR
SW- SW-MA	(Alternate Abbreviation for SW-MA) Sweetgrass Montana, U.S.A. 19651016-19660913.	48 58 08.0 N (48.9689)	111 57 46.0 W (111.9628)	1113.0	LRSN
SWA	Swan Island Swan Island see international code SWAJ	17 24 .. N (17.4000)	83 56 .. W ( 83.9333)	...	
(SWA) SWAJ	Obama Nagasaki, Kyushu, Japan opened 197704. SHV code SWA.	32 40 39.0 N (32.6775)	130 12 08.0 E (130.2022)	257.0	SHV
SWB	Southwest Bay Vanuatu Islands (16.5087)	16 30 31.2 S (16.5087)	167 25 13.2 E (167.4203)	...	INY
SWD	Swaziland Swaziland 19730312-19760320. see international code SEW	26 24 06.0 S (26.4017)	31 46 22.0 E ( 31.7728)	...	BKN
(SWD) SWH	Southwest Rift Hawaii, Hawaii, U.S.A. HVO code SWR.	19 27 15.6 N (19.4543)	155 36 18.0 W (155.6050)	4048.0	HVO
SWI	Sarang Irian Jaya, Indonesia ( 0.8630)	0 51 46.8 S ( 0.8630)	131 15 35.4 E (131.2598)	...	DJA
(SWI) SWIP	see international code SWIP Sambora Anguilla opened 197610. PAL code SWI.	18 35 52.8 N (18.5980)	63 25 34.8 W ( 63.4263)	15.0	PAL
SWM	Sawmill Los Angeles County, California, U.S.A. 19660307-19701208; reopened 197603.	34 43 06.0 N (34.7183)	118 34 54.0 W (118.5817)	1220.0	PAS
SWN	Stillwater Nevada, U.S.A. 197410-197507.	39 52 58.8 N (39.8830)	118 03 44.3 W (118.0623)	2298.0	REN
SWP	Swamp Creek Montana, U.S.A. 197102-19761004.	48 36 24.6 N (48.6068)	114 59 06.0 W (114.9850)	1157.0	MSO
SWR	Swabi-Maira Pakistan opened 1974?	34 07 49.2 N (34.1303)	72 50 59.4 E ( 72.8498)	489.0	PAL
(SWR) SWT	see international code SWH Sochs Harbour Northwest Territories, Canada opened 19801203.	71 59 36.0 N (71.9933)	125 17 00.0 W (125.2833)	80.0	OTTR
SWTN	Sewanee Tennessee, U.S.A. closed 19850801.	35 18 00.6 N (35.3002)	86 04 34.8 W ( 86.0763)	305.0	TVA
SWV	Swan View Western Australia, Australia opened 19760319.	31 53 00.0 S (31.8833)	116 03 54.0 E (116.0650)	80.0	AUST
SWZ	Schweizer-Reneke Transvaal, South Africa (27.1817)	27 10 54.0 S (27.1817)	25 19 30.0 E ( 25.3250)	1342.0	PRE
SX- SX-SD	(Alternate Abbreviation for SX-SD) Salem South Dakota, U.S.A. 19621109-19621212.	43 52 29.0 N (43.8747)	97 15 00.0 W ( 97.2500)	488.0	LRSN
SXM	Sixmile Montana, U.S.A. (46.1492)	46 08 57.0 N (46.1492)	111 12 27.6 W (111.2077)	1993.0	BUT
SXO	Siaux Lookout Ontario, Canada opened 19820927.	50 05 30.0 N (50.0917)	91 59 54.0 W ( 91.9983)	420.0	OTTR
SY- SY-SD	(Alternate Abbreviation for SY-SD) Stickney South Dakota, U.S.A. 19621012-19621027.	43 36 20.0 N (43.6056)	98 29 30.0 W ( 98.4917)	488.0	LRSN
SYD	Sydney New South Wales, Australia 1906-1948.	33 52 .. S (33.8667)	151 12 .. E (151.2000)	43.0	
SYJ	Shimoyama Aichi, Honshu, Japan CDPJ code SMY.	35 02 11.4 N (35.0365)	137 18 55.8 E (137.3155)	303.0	CDPJ
SYO	Syowa (Ongul) Greater Antarctica, Antarctica (69.0056)	69 00 20.0 S (69.0056)	39 30 12.0 E ( 39.5033)	23.0	

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
SYR	D Santa Ynez Peak ..... Santa Barbara County, California, U.S.A. opened 196706.	34 31 36.0 N (34.5267)	119 58 42.0 W (119.9783)	1305.0	PAS
SYR	Smyrna ..... Washington, U.S.A. opened 196903.	46 51 46.8 N (46.8630)	119 37 04.2 W (119.6178)	268.0	SEA
SYS	R San Ysidro ..... San Diego County, California, U.S.A. opened 198104.	32 34 46.8 N (32.5797)	116 54 41.4 W (116.9115)	277.0	PAS
SYT	Seydisheir ..... Turkey opened 1980.	37 18 17.0 N (37.3047)	31 52 30.0 E (31.8750)	1530.0	IST
SYU	C Syuhurei ..... South Korea (Alternate Abbreviation for SZ-NV)	36 12 .. N (36.2000)	128 00 .. E (128.0000)	100.0	
SZ~ SZ-NV	C Shoal ..... Nevada, U.S.A. 19630105-19630208.	39 12 13.0 N (39.2036)	118 22 48.0 W (118.3800)	1606.0	LRSM
SZE	C Szeged ..... Hungary	46 14 54.0 N (46.2483)	20 08 29.0 E (20.1414)	82.0	
SZG	U Shizugawa ..... Kyoto, Hanshu, Japan 19700119-19750331. Moved slightly 19720827.	34 53 17.5 N (34.8882)	135 49 54.8 E (135.8319)	70.0	KYT
SZP	Santa ..... Luzon, Philippines opened 19790411.	17 33 06.8 N (17.5519)	120 27 18.5 E (120.4551)	...	MAN
TAA	C Terre Adelie ..... Greater Antarctica, Antarctica	66 49 04.0 S (66.8178)	141 23 42.0 E (141.3950)	8.0	
TAB	Tabriz ..... Iran opened 19650810.	38 04 03.0 N (38.0675)	46 19 36.0 E (46.3267)	1430.0	TEH WWSS
(TAB)	see international code TABB				
TABB	Tabernacle Mountain ..... British Columbia, Canada opened 19721018. UBC code TAB.	51 45 00.0 N (51.7500)	117 45 42.0 W (117.7617)	2469.0	UBC
TABN	C Tabernacle ..... New Jersey, U.S.A. 19770617-197808.	39 51 51.0 N (39.8642)	74 39 46.2 W (74.6628)	31.0	PAL
TAC	Tacubaya ..... Distrito Federal, Mexico	19 24 18.0 N (19.4050)	99 11 37.0 W (99.1936)	2297.0	UNM
TACH	Talagante ..... Santiago, Chile opened 1982.	33 39 11.7 S (33.6532)	70 56 15.5 W (70.9376)	440.0	SAN
TAD	C Tadotsu ..... Kagawa, Shikoku, Japan	34 17 .. N (34.2833)	133 46 .. E (133.7667)	4.0	
TAE	C Taegu ..... South Korea	35 52 .. N (35.8667)	128 36 .. E (128.6000)	50.0	
TAF	Tafaralt ..... Morocco opened 197211.	34 48 51.0 N (34.8142)	2 24 51.0 W (2.4142)	820.0	SPGM
TAG	Tarade ..... Guadeloupe	16 02 31.2 N (16.0420)	61 39 51.0 W (61.6642)	1182.0	FDF
TAH	C Tahiti ..... Tahiti, Society Islands, French Polynesia	17 44 .. S (17.7333)	149 18 .. W (149.3000)	...	
TAI	Tai-nan ..... China (Taiwan)	23 00 .. N (23.0000)	120 13 .. E (120.2167)	13.0	TAP
TAJ	Tanaga-shima ..... Ryukyu Islands, Japan opened 19700701.	30 44 .. N (30.7333)	131 00 .. E (131.0000)	17.0	JMA
TAJ2	R Tanaga-shima 2 ..... Ryukyu Islands, Japan opened 198408.	...	...	...	JMA
TAK	C Takaka ..... South Island, New Zealand 1931-1951.	40 51 .. S (40.8500)	172 48 .. E (172.8000)	8.0	WEL
(TAK)	see international code TAKK				
(TAK)	see international code TAKN				
TAKK	R Taka-dake ..... Kumamoto, Kyushu, Japan opened 1966. KYT code TAK.	32 52 43.4 N (32.8787)	131 06 05.4 E (131.1015)	1450.0	KYT
TAKN	R Takayama ..... Gifu, Hanshu, Japan opened 197006. NGY code TAK.	36 07 58.0 N (36.1328)	137 11 03.0 E (137.1842)	700.0	NGY
TAL	Talara ..... Peru	4 37 54.0 S (4.6317)	81 18 24.0 W (81.3067)	...	
TAM	Tamanrasset ..... Algeria	22 47 30.0 N (22.7917)	5 31 24.0 E (5.5233)	1395.0	ALG
TAMAX	F (keyword for telegraphic format)				
TAN	Antananariva (Tananarive) ..... Madagascar	18 55 02.0 S (18.9172)	47 33 06.0 E (47.5517)	1375.0	TAN
TAO	Talbingo ..... New South Wales, Australia opened 1969.	35 36 39.4 S (35.6109)	148 17 20.7 E (148.2891)	570.0	CAN
TAP	Taipei (Taihoku) ..... China (Taiwan)	25 02 .. N (25.0333)	121 31 .. E (121.5167)	8.0	TAP
TAR	C Taranto ..... Puglia, Italy closed 1969.	40 28 30.0 N (40.4750)	17 15 30.0 E (17.2583)	15.0	
TAS	Tashkent ..... Uzbek S.S.R., U.S.S.R.	41 19 30.0 N (41.3250)	69 17 42.0 E (69.2950)	470.0	MOS

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
TAT	Tateyama .....	34 59 00.0 N	139 52 06.0 E	6.0	JMA
(TAT)	Chiba, Honshu, Japan .....	(34.9833)	(139.8683)		
TATH	see international code TATH				
R	Tatsuka .....	42 31 49.8 N	140 53 01.8 E	140.0	HSS
	Iburi, Hokkaido, Japan .....	(42.5305)	(140.8838)		
	opened 19780429. HSS code TAT.				
TATO	D Taipei .....	24 58 31.3 N	121 29 17.1 E	53.0	TATO SRO
	China (Taiwan) .....	(24.9754)	(121.4881)		
	opened 19760513.				
TAU	D Tasmania University .....	42 54 35.7 S	147 19 13.5 E	132.0	TAU DWSS WWSS
	Tasmania, Australia .....	(42.9099)	(147.3204)		
	opened 1957. WWSS opened 19620531.				
	DWSS opened 19810610.				
TAV	Tavurvur .....	4 13 52.2 S	152 13 13.0 E	31.0	RAB
	New Britain, Papua New Guinea .....	( 4.2312)	(152.2203)		
	opened 1967.				
TAVF	R Tavernes .....	43 37 02.3 N	6 03 28.1 E	689.0	STR
	Provence, France .....	(43.6173)	( 6.0578)		
	opened 198211.				
TAW	Ta-wu (Dawu, Tawa) .....	22 21 .. N	120 54 .. E	8.0	TAP
	China (Taiwan) .....	(22.3500)	(120.9000)		
TAY	R Tayabas .....	14 02 .. N	121 35 .. E	157.0	MAN
	Luzon, Philippines .....	(14.0333)	(121.5833)		
	opened 1972.				
TAZ	R Tarawera .....	38 13 59.0 S	176 30 28.0 E	...	WEL
	North Island, New Zealand .....	(38.2331)	(176.5078)		
	opened 198407.				
TBH	Brigand Hill .....	10 29 02.4 N	61 04 01.2 W	199.0	TRN
	Trinidad, Trinidad and Tobago .....	(10.4840)	( 61.0670)		
	opened 19780411.				
TBI	Tubuoi .....	23 20 56.0 S	149 27 39.0 W	10.0	PPT
	Tubuoi Islands, French Polynesia .....	(23.3489)	(149.4608)		
	opened 1976.				
TBL	Tabele .....	4 06 04.7 S	145 00 41.4 E	180.0	RAB
	New Guinea, Papua New Guinea .....	( 4.1013)	(145.0115)		
	opened 1964.				
TBR	Table Rock .....	41 08 30.0 N	74 13 19.5 W	261.0	PAL USTN
	New York, U.S.A. .....	(41.1417)	( 74.2221)		
	opened 197507.				
TBS	R Tobishima .....	39 11 31.2 N	139 33 21.6 E	45.0	TOH
	Akita, Honshu, Japan .....	(39.1920)	(139.5560)		
	opened 19791120.				
TBT	Taburiente .....	28 40 45.8 N	17 54 52.3 W	180.0	MDD
	Canary Islands, Spain .....	(28.6794)	( 17.9145)		
	opened 197506.				
TBY	D Torsby .....	60 04 44.0 N	12 49 47.0 E	...	HFS
	Sweden .....	(60.0789)	( 12.8297)		
	opened 197801.				
TBZ	Istanbul (Trabzon) .....	40 59 40.0 N	39 46 34.0 E	57.0	IST
	Turkey .....	(40.9944)	( 39.7761)		
	opened 19760710.				
TC-	(Alternate Abbreviation for TC-NM)				
TC-NM	C Truth or Consequences (T or C) .....	33 11 03.0 N	107 27 42.0 W	1524.0	LRSM
	New Mexico, U.S.A. .....	(33.1842)	(107.4617)		
	19611220-19620503.				
TCA	Tanti .....	31 20 19.0 S	64 35 27.0 W	910.0	SJA
	Cordoba, Argentina .....	(31.3386)	( 64.5908)		
TCB	R Tucurui .....	...	...	...	BDF
	Para, Brazil .....				
TCC	CD Turnbull Canyon .....	33 59 40.2 N	118 00 46.2 W	299.0	PAS
	Los Angeles County, California, U.S.A. .....	(33.9945)	(118.0128)		
	opened 197611.				
TCE	Chacachacare .....	10 41 49.2 N	61 45 10.8 W	240.0	TRN
	Trinidad, Trinidad and Tobago .....	(10.6970)	( 61.7530)		
TCF	D Toulx Ste. Croix .....	46 17 17.0 N	2 12 36.0 E	593.0	LDG
	Marque, France .....	(46.2881)	( 2.2100)		
	(Alternate Abbreviation for CHM)				
TCH	Tuttle Creek Reservoir .....	39 23 05.4 N	96 43 21.0 W	376.0	LAK
TCK	Kansas, U.S.A. .....	(39.3848)	( 96.7225)		
	opened 19770815.				
TCM	C Tucuman .....	26 48 .. S	65 12 .. W	475.0	
	Tucuman, Argentina .....	(26.8000)	( 65.2000)		
TCN	Toconce .....	22 16 30.0 S	68 10 18.0 W	3300.0	SAN
	Antofagasta, Chile .....	(22.2750)	( 68.1717)		
TCP	C Tocopilla .....	22 07 23.0 S	70 12 38.0 W	10.0	SAN
	Antofagasta, Chile .....	(22.1231)	( 70.2106)		
TCU	Tai-chung (Taityu) .....	24 09 .. N	120 41 .. E	84.0	TAP
	China (Taiwan) .....	(24.1500)	(120.6833)		
TCW	Tory Channel .....	41 12 48.0 S	174 16 33.0 E	150.0	WELW
	South Island, New Zealand .....	(41.2133)	(174.2758)		
	opened 19770328.				
TCX	Tecpatan .....	17 07 58.8 N	93 17 42.0 W	471.0	IIM
	Chiapas, Mexico .....	(17.1330)	( 93.2950)		
	Also sent to NEIS by UNM.				
TCY	R Tin City .....	65 33 58.8 N	167 57 21.0 W	72.0	GIA
	Western Alaska, Alaska, U.S.A. .....	(65.5663)	(167.9558)		
TD-	(Alternate Abbreviation for TD-NM)				
TD-NM	C Tres Piedras .....	36 39 20.0 N	106 10 18.0 W	2926.0	LRSM
	New Mexico, U.S.A. .....	(36.6556)	(106.1717)		
	19630822-19631126.				



## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
TDA	Talladega ..... Alabama, U.S.A.	33 32 30.1 N (33.5417)	86 01 28.9 W ( 86.0247)	181.0	ATL
TDB	R Trindade Island ..... Espirita Santo, Brazil	.....	.....	...	BDF
(TDB)	see international code TMD				
TDC	C Trinidad ..... Colorado, U.S.A.	37 15 13.0 N (37.2536)	104 20 05.0 W (104.3347)	1750.0	NEIS
	1970-197211.				
TDD	Tadjoura ..... Djibouti	11 48 18.0 N (11.8050)	42 54 21.6 E ( 42.9060)	130.0	ARO
	opened 19790908				
TDJ	C Tadjoura ..... Djibouti	11 47 12.8 N (11.7869)	42 53 22.9 E ( 42.8897)	50.0	ARO
	1976-19790908				
TDK	R Taldy-Kurgan ..... Kazakh S.S.R., U.S.S.R.	45 00 ..... N (45.0000)	78 24 ..... E ( 78.4000)	...	MOSR
TDM	Tucson--Desert Museum ..... Arizona, U.S.A.	32 14 39.0 N (32.2442)	111 10 07.0 W (111.1686)	866.0	
	opened 19781222.				
TDR	C Todoroki ..... Wakayama, Hanshu, Japan	34 09 35.0 N (34.1597)	135 18 24.8 E (135.3069)	50.0	ERIJ
	196410-196607.				
TDI	C Tavil-Dara ..... Tajik S.S.R., U.S.S.R.	38 41 ..... N (38.6833)	70 29 ..... E ( 70.4833)	...	
TE-	(Alternate Abbreviation for TE-GL)				
TE-GL	C Thule ..... Greenland	76 29 50.0 N (76.4972)	68 36 20.0 W ( 68.6056)	213.0	LRSN
	19651012-19651115; 19661218-19661220.				
TEC	Tlemcen ..... Algeria	34 51 ..... N (34.8500)	1 17 ..... W ( 1.2833)	...	ALG
TEE	C Teepees Ranch ..... Montana, U.S.A.	48 22 46.3 N (48.3795)	115 35 17.1 W (115.5881)	805.0	MSO
	197102-19761004.				
TEH	Tehran ..... Iran	35 44 16.0 N (35.7378)	51 23 08.0 E ( 51.3856)	1360.0	TEH
TEIC	F Tennessee Earthquake Information Center, Memphis				
TEJ	R El Tejon ..... Kern County, California, U.S.A.	35 13 47.4 N (35.2298)	118 41 22.2 W (118.6895)	634.0	PAS
	opened 198102.				
TEK	Teekin ..... Tonga	21 07 46.8 S (21.1297)	175 19 18.0 W (175.3217)	20.0	PAL
	opened 197010.				
TEL	R Teli ..... Tuvinskaya ASSR, R.S.F.S.R., U.S.S.R.	51 02 ..... N (51.0333)	90 14 ..... E ( 90.2333)	...	MOSR
	location uncertain.				
TEM	C Temuco ..... Cautin, Chile	38 46 30.0 S (38.7750)	72 36 20.0 W ( 72.6056)	...	SAN
	opened 196509.				
TEN	Tenerife ..... Canary Islands, Spain	28 27 51.5 N (28.4643)	16 14 43.5 W ( 16.2454)	1.0	MDD
TEP	Tecpan ..... Guatemala	14 48 16.2 N (14.8045)	90 58 12.0 W ( 90.9700)	2640.0	GCG
	opened 1978.				
TER	Terranova ..... Guatemala	14 18 08.4 N (14.3023)	90 41 01.2 W ( 90.6837)	560.0	GCG
	opened 1979.				
(TER)	see international code TERS				
TERS	R Termez ..... Uzbek S.S.R., U.S.S.R.	37 12 ..... N (37.2000)	67 18 ..... E ( 67.3000)	...	MOSR
	MOS code TER.				
TES	R Teshikaga ..... Kushira, Hokkaido, Japan	43 29 00.8 N (43.4836)	144 24 10.0 E (144.4028)	230.0	HSS
TET	Tete ..... Mozambique	16 08 48.0 S (16.1467)	33 34 36.4 E ( 33.5768)	153.0	CNG
	opened 197012.				
TEZ	C Tezpur ..... Assam, India	.....	.....	...	
	closed 1962?				
TF-	(Alternate Abbreviation for TF-CL)				
TF-CL	C Taft ..... Kern County, California, U.S.A.	35 09 49.0 N (35.1636)	119 58 03.0 W (119.9675)	793.0	LRSN
	19620523-19630512; 19651024-19651113.				
TFO	C Tonta Forest Array ..... Arizona, U.S.A.	34 16 04.0 N (34.2678)	111 16 13.0 W (111.2703)	1492.0	
	1963-197503.				
TG-	(Alternate Abbreviation for TG-IS)				
TG-IS	C Tongareva Island ..... Cook Islands	9 03 36.0 S ( 9.0600)	158 02 08.0 W (158.0356)	3.0	LRSN
	19620430-19620804; 19620930-19621104.				
TGI	Taghi Ghambar ..... Iran	32 57 48.0 N (32.9633)	59 11 36.0 E ( 59.1933)	1800.0	MUI
	opened 197505.				
TGN	R Turgen ..... Kazakh S.S.R., U.S.S.R.	43 18 ..... N (43.3000)	77 00 ..... E ( 77.0000)	...	MOSR
	MOS code TRG. Location uncertain.				
(TGP)	see international code TLP				
THA	R Thala ..... Tunisia	35 33 37.0 N (35.5603)	8 41 59.0 E ( 8.6997)	1080.0	SBS
	opened 1977.				

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
THC	R	Tehachapi Microwave Kern County, California, U.S.A. opened 198103.	34 54 31.2 N (34.9087)	118 39 48.6 W (118.6635)	1718.0	PAS
THE		Thessaloniki Greece opened 19810101.	40 37 56.0 N (40.6322)	22 57 54.0 E ( 22.9650)	70.0	THE
THI		Terre Haute Indiana, U.S.A. opened 19620921.	39 24 25.0 N (39.4069)	87 21 36.0 W ( 87.3600)	150.0	
THK	R	Tsim Bei Tsui Hong Kong opened 197910.	22 19 16.1 N (22.3211)	114 00 33.4 E (114.0093)	4.0	HKC
THO	C	Tonto Hills Observatory Arizona, U.S.A. 19730204-197407. see international code THOB	33 52 31.0 N (33.8753)	111 52 25.0 W (111.8736)	1134.0	
(THO) THOB		Mount Thompson British Columbia, Canada opened 19721015. UBC code THO.	52 41 24.0 N (52.6900)	119 07 18.0 W (119.1217)	2499.0	UBC
THP	C	Tara Hills South Island, New Zealand 1975-19831121.	44 32 42.0 S (44.5450)	169 53 17.0 E (169.8881)	760.0	WELP
THR	R	Three Sisters Los Angeles County, California, U.S.A. opened 19751112.	34 33 11.5 N (34.5532)	117 43 05.9 W (117.7183)	...	PAS
THT		Papeete--ORSTOM Tahiti, Society Islands, French Polynesia	17 34 08.5 S (17.5690)	149 34 27.3 W (149.5742)	337.0	
THU	C	Thule Greenland closed 19630405.	76 25 .. N (76.4167)	68 18 .. W ( 68.3000)	485.0	
THW	R	Thammewali Pakistan (32.7943)	32 47 39.6 N (32.7943)	71 44 33.6 E ( 71.7427)	533.0	PINS
TI-NV	C	Talicha Peak Nevada, U.S.A. 19700107-19700424. see international code MTA	37 17 07.0 N (37.2853)	116 52 01.0 W (116.8669)	1524.0	LRSM
(TI2) TIA		Taian Shandong, China (Mainland)	36 12 41.0 N (36.2114)	117 07 28.0 E (117.1244)	300.0	BJI
TIC		Toumodi Ivory Coast opened 19670601.	6 38 41.0 N ( 6.6447)	5 01 12.0 W ( 5.0200)	138.0	LIC
TID		Three Point Mountain Idaho, U.S.A. (43.5000)	43 30 .. N (43.5000)	115 56 .. W (115.9333)	...	BSE
TIE		Tientsin (Tianjin) Tianjin, China (Mainland)	39 08 .. N (39.1333)	117 16 .. E (117.2667)	20.0	
TIF		Tbilisi (Tiflis) Georgian S.S.R., U.S.S.R. (41.7167)	41 43 .. N (41.7167)	44 48 .. E ( 44.8000)	399.0	TIF
TIG	R	Tigre Costa Rica see international code TRG	...	...	...	HDC
(TIG) TIK		Tiksi Yakutskaya ASSR, R.S.F.S.R., U.S.S.R. (71.6333)	71 38 .. N (71.6333)	128 52 .. E (128.8667)	25.0	MOS
TIM		Timisoara Romania opened 1943. (45.7367)	45 44 12.0 N (45.7367)	21 13 18.0 E ( 21.2217)	88.0	BUC
TIN		Tinemaha Inyo County, California, U.S.A. opened 19290904.	37 03 18.0 N (37.0550)	118 13 42.0 W (118.2283)	1195.0	PAS
TIO		Tiouine Morocco opened 1969. (30.9267)	30 55 36.0 N (30.9267)	7 15 42.0 W ( 7.2617)	1335.0	SPGM
TIR		Tirana Albania opened 196809. (41.3467)	41 20 48.0 N (41.3467)	19 52 00.0 E ( 19.8667)	197.0	TIR
TIT		Squaw Tit Humboldt County, California, U.S.A. (41.0733)	41 04 24.0 N (41.0733)	123 58 48.0 W (123.9800)	700.0	
(TIV) TIY		see international code TYV Taiyuan Shanxi, China (Mainland) (37.7131)	37 42 47.0 N (37.7131)	112 26 03.0 E (112.4342)	850.0	BJI
TJC		Trinidad Colorado, U.S.A. opened 196510. (37.2169)	37 13 01.0 N (37.2169)	104 41 28.2 W (104.6912)	2103.0	
TJR	R	Tejon Ranch Kern County, California, U.S.A. opened 198102. (35.0275)	35 01 39.0 N (35.0275)	118 44 33.0 W (118.7425)	439.0	PAS
TK- TK-WA	C	(Alternate Abbreviation for TK-WA) Tonasket Washington, U.S.A. 19630821-19640517.	48 47 38.0 N (48.7939)	119 35 16.0 W (119.5878)	549.0	LRSM
TK01		Tokai O.B.S. 1 Hanshu, Japan opened 197909. (33.7650)	33 45 54.0 N (33.7650)	137 35 24.0 E (137.5900)	-2202.0	JMA
TK02		Tokai O.B.S. 2 Hanshu, Japan opened 197909. (33.9467)	33 56 48.0 N (33.9467)	137 45 24.0 E (137.7567)	-1542.0	JMA
TK03		Tokai O.B.S. 3 Hanshu, Japan opened 197909. (34.1650)	34 09 54.0 N (34.1650)	137 57 54.0 E (137.9650)	-817.0	JMA

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
TK04	Takai O.B.S. 4 Honshu, Japan opened 197909.	34 23 06.0 N (34.3850)	137 52 30.0 E (137.8750)	-722.0	JMA
TKA	Tanaka New Britain, Papua New Guinea opened 1970.	4 20 41.7 S ( 4.3449)	152 10 42.0 E (152.1783)	365.0	RAB
(TKB)	see international code TKI				
TKC	R Tsukechi Gifu, Honshu, Japan opened 197804.	35 39 12.2 N (35.6534)	137 27 58.2 E (137.4662)	690.0	NGY
TKD	Takada Niigata, Honshu, Japan (37.1050)	37 06 18.0 N (37.1050)	138 15 00.0 E (138.2500)	14.0	JMA
TKE	R Take-yama Kanagawa, Honshu, Japan opened 197111.	35 13 01.2 N (35.2170)	139 40 01.0 E (139.6669)	112.0	ERIJ
TKI	R Tkibuli Georgian S.S.R., U.S.S.R. opened 1970. MOS code TKB.	42 18 ... N (42.3000)	43 00 ... E ( 43.0000)	...	MOSR
TKJ	Takada Niigata, Honshu, Japan opened 1971.	37 07 40.8 N (37.1280)	138 12 35.4 E (138.2098)	40.0	ERIJ
(TKJ)	see international code TKJD				
TKJD	U Takuyama Gifu, Honshu, Japan 197211-197401. DRI code TKJ.	35 41 30.8 N (35.6919)	136 28 39.6 E (136.4777)	400.0	DRI
TKK	Tapkak Western Alaska, Alaska, U.S.A. GIA code TPK.	64 33 21.0 N (64.5558)	163 59 48.0 W (163.9967)	122.0	GIA
TKL	Tuckaleechee Caverns Tennessee, U.S.A. opened 197807.	35 39 29.0 N (35.6581)	83 46 27.0 W ( 83.7742)	350.0	TEIC USTN
TKM	Takamatsu Kagawa, Shikaku, Japan (34.3167)	34 19 00.0 N (34.3167)	134 03 30.0 E (134.0583)	10.0	JMA
TKN	R Takane Gifu, Honshu, Japan opened 197801.	35 58 56.6 N (35.9824)	137 30 44.0 E (137.5122)	1310.0	NGY
TKS	Tokushima Tokushima, Shikaku, Japan (34.0650)	34 03 54.0 N (34.0650)	134 34 36.0 E (134.5767)	2.0	
TKSJ	Tokushima 2 Tokushima, Shikaku, Japan (33.9833)	33 59 00.0 N (33.9833)	134 02 54.0 E (134.0483)	180.0	JMA
TKT	R Tuklayaktuk Northwest Territories, Canada opened 19820728.	69 25 57.0 N (69.4325)	132 59 45.0 W (132.9958)	3.0	OTTR
TKU	(Alternate Abbreviation for OSK)				
TKY	Takayama Gifu, Honshu, Japan (36.1517)	36 09 06.0 N (36.1517)	137 15 18.0 E (137.2550)	561.0	JMA
TKZ	R Takazawason Gifu, Honshu, Japan opened 196704.	35 32 34.8 N (35.5430)	136 58 31.4 E (136.9754)	260.0	NGY
TL-WY	C Thermopalis Wyoming, U.S.A. 19671108-19671210.	43 23 30.0 N (43.3917)	108 05 17.0 W (108.0881)	1615.0	LRSM
TLB	Topalu Romania opened 1981.	44 35 20.0 N (44.5889)	28 02 00.0 E ( 28.0333)	15.0	BUC
TLE	Tual Maluku, Indonesia ( 5.6375)	5 38 15.0 S ( 5.6375)	132 44 58.0 E (132.7497)	...	DJA
TLG	Talgar (Alma-Ata) Kazakh S.S.R., U.S.S.R. (43.2667)	43 16 ... N (43.2667)	77 23 ... E ( 77.3833)	850.0	MOS
TLK	C Talkeetna Mountains Central Alaska, Alaska, U.S.A. 19740710-19751111.	62 29 37.8 N (62.4938)	147 52 40.8 W (147.8780)	1719.0	AGS
TLL	Tolala Astronomical Observatory Coquimbo, Chile opened 1970	30 10 01.8 S (30.1672)	70 48 16.2 W ( 70.8045)	2200.0	SAN
TLM	Tolmezzo Friuli-Venezia Giulia, Italy (46.4014)	46 24 05.0 N (46.4014)	13 00 52.0 E ( 13.0144)	322.0	
TLN	C Tolong Sumatera, Indonesia ( 1.0000)	1 00 ... S ( 1.0000)	100 30 ... E (100.5000)	...	
TLO	CD Toledo Spain 197108-19780917.	39 51 36.0 N (39.8600)	4 00 53.0 W ( 4.0147)	465.0	MDD HGLP
TLP	C Tuguegarao Luzon, Philippines 19770101-19790521. MAN code TGP.	17 39 08.4 N (17.6523)	121 45 34.2 E (121.7595)	...	MAN
TLS	Talasea New Britain, Papua New Guinea opened 19720901.	5 18 35.0 S ( 5.3097)	150 02 41.0 E (150.0447)	40.0	PMG
TLT	Tellico Plains Tennessee, U.S.A. (35.3011)	35 18 04.0 N (35.3011)	84 16 59.9 W ( 84.2833)	512.0	
TLX	Tulancingo Hidalgo, Mexico Also sent to NEIS by UNM. (20.0375)	20 02 15.0 N (20.0375)	98 26 10.0 W ( 98.4361)	2250.0	MEX
TM-	(Alternate Abbreviation for TM-WS)				
TM-WS	C Tomahawk Wisconsin, U.S.A. (45.4919)	45 29 31.0 N (45.4919)	89 30 11.0 W ( 89.5031)	488.0	LRSM
TMA	Tamara Switzerland opened 1981	46 06 21.6 N (46.1060)	8 52 22.8 E ( 8.8730)	1700.0	ZUR

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
TMB	D	Temblor Range Southeast San Luis Obispo County, California, U.S.A. opened 197606	35 05 14.3 N (35.0873)	119 32 04.9 W (119.5347)	1021.0	PAS
TMBR		Timber Mountain Nevada, U.S.A. opened 19820219.	37 02 03.0 N (37.0342)	116 23 07.8 W (116.3855)	1758.0	USGS
TMC	C	Table Mountain Los Angeles County, California, U.S.A.	34 22 30.0 N (34.3750)	117 41 36.0 W (117.6933)	2180.0	
TMD	R	Tamdybulak Uzbek S.S.R., U.S.S.R. MOS code TDB.	41 36 .. N (41.6000)	64 36 .. E ( 64.6000)	...	MOSR
TMDI	R	Taumodi Ivory Coast proposed GTSN station.	...	...	...	
TMI		Taylor Mountain Idaho, U.S.A. opened 197210.	43 18 20.0 N (43.3056)	111 55 05.0 W (111.9181)	2179.0	USGS USTN
TMK	C	Temiskaming Quebec, Canada closed before 1962.	46 40 .. N (46.6667)	79 04 .. W ( 79.0667)	...	OTTR
TMM		Technologica de Monterrey Nueva Leon, Mexico	25 45 01.8 N (25.7505)	100 12 10.3 W (100.2029)	585.0	UNM
TMN		Timber Mountain Nevada, U.S.A. opened 197510.	37 05 01.0 N (37.0836)	116 26 38.0 W (116.4439)	2190.0	USGS
TMO		Tin Mountain Inyo County, California, U.S.A. opened 19781128.	36 48 19.0 N (36.8053)	117 24 29.0 W (117.4081)	2195.0	USGS
TMP		Tamahawk Gully South Island, New Zealand opened 1975.	44 18 54.0 S (44.3150)	170 07 12.0 E (170.1200)	720.0	WELP
TMR		Tamakamai Iburi, Hokkaido, Japan	42 38 .. N (42.6333)	141 35 .. E (141.5833)	8.0	
TMS	C	Tamiasaki (Mera) Chiba, Hanshu, Japan	34 55 12.0 N (34.9200)	139 49 42.0 E (139.8283)	13.0	JMA
TMT	C	Talcott Mountain Connecticut, U.S.A. 19720107-19770610.	41 48 41.0 N (41.8114)	72 47 56.0 W ( 72.7989)	290.0	WES
TMU		Temuco Cautin, Chile opened 197404.	38 44 04.0 S (38.7344)	72 36 02.0 W ( 72.6006)	100.0	SAN
TMX		Tampico Tamaulipas, Mexico	22 15 18.0 N (22.2550)	97 51 02.0 W ( 97.8506)	21.0	MEX
TN-CL	C	(Alternate Abbreviation for TN-CL) Twenty-nine Palms San Bernardino County, California, U.S.A. 19620201-19620503.	34 11 54.0 N (34.1983)	115 57 00.0 W (115.9500)	533.0	LRSM
TNA		Tin City Western Alaska, Alaska, U.S.A. opened 197608.	65 33 36.0 N (65.5600)	167 35 12.0 W (167.5867)	76.0	GIA
(TNA)		see international code TNAK				
TNAK	R	Tsuna Hanshu, Japan opened 19661020. KYT code TNA.	34 25 04.8 N (34.4180)	134 53 05.6 E (134.8849)	90.0	KYT
TNB	C	Tanabu Aomori, Hanshu, Japan	41 17 .. N (41.2833)	141 13 .. E (141.2167)	...	
TNC	R	Tunceli Turkey opened 19730914.	39 06 30.0 N (39.1083)	39 33 12.0 E ( 39.5533)	1003.0	ISK
TNDA	R	Tandil Buenos Aires, Argentina proposed GTSN station.	...	...	...	
TNE		Ternate Maluku, Indonesia Location uncertain.	0 48 .. N ( 0.8000)	127 20 .. E (127.3333)	...	DJA
TNG		Tangerang Jawa, Indonesia	6 10 18.0 S ( 6.1717)	106 38 46.2 E (106.6462)	14.0	DJA
TNH		Tianshui Gansu, China (Mainland)	34 34 42.0 N (34.5783)	105 45 06.0 E (105.7517)	...	
TNJ	R	Tannon Hyogo, Hanshu, Japan opened 19661012. Moved slightly 19750327.	35 01 53.2 N (35.0314)	135 12 49.1 E (135.2136)	310.0	KYT
TNK		Tinkers Knob Placer County, California, U.S.A. opened 197304.	39 16 03.0 N (39.2675)	120 14 09.0 W (120.2358)	2438.0	REN
TNL	R	Tannelnyy Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	56 18 .. N (56.3000)	113 24 .. E (113.4000)	...	MOSR
TNN		Tanana Central Alaska, Alaska, U.S.A. cam opened 196501.	65 15 24.0 N (65.2567)	151 54 42.0 W (151.9117)	504.0	GIA
TNO		Tarino Piemonte, Italy opened 19710506.	45 03 31.5 N (45.0587)	7 41 49.0 E ( 7.6969)	260.0	
TNP		Tonapah Nevada, U.S.A. opened 19631011.	38 04 55.2 N (38.0820)	117 13 04.8 W (117.2180)	1932.0	REN
TNR	R	Tenryu Shizuoka, Hanshu, Japan opened 197904	34 54 28.1 N (34.9078)	137 53 06.7 E (137.8852)	66.0	CDPJ

## CODES

TABLE 1

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
TNS		Taunus ..... Hessen, Fed. Rep. of Germany opened 1913.	50 13 25.0 N (50.2236)	8 26 56.0 E ( 8.4489)	815.0	
TNT	C	Taronta ..... Ontario, Canada 1897-1942.	43 40 .. N (43.6667)	79 24 .. W ( 79.4000)	111.0	
TNU	R	Tenhult ..... Sweden opened 198001	57 38 16.8 N (57.6380)	14 16 08.4 E ( 14.2690)	...	HFS
TNZ	C	Tarata ..... North Island, New Zealand 196205-19850727.	39 11 14.0 S (39.1872)	174 22 49.0 E (174.3803)	123.0	WEL
TO-		(Alternate Abbreviation for TO-OK)				
TO-OK	C	Tishominga ..... Oklahoma, U.S.A. 19611120-19611218; 19620509-19620609.	34 21 23.0 N (34.3564)	96 34 05.0 W ( 96.5681)	259.0	LRSM
TOA		Tolsano ..... Central Alaska, Alaska, U.S.A. opened 19710915.	62 06 17.1 N (62.1048)	146 10 20.4 W (146.1723)	909.0	PMR
TOB	R	Tobago (Crown Point) ..... Tabago, Trinidad and Tabago opened 197705.	11 08 27.6 N (11.1410)	60 50 27.6 W ( 60.8410)	15.0	TRN
(TOB)		see international code TOBT				
TOBT	R	Tabi-shima ..... Akita, Honshu, Japan opened 197409. TOH code TOB.	39 11 24.0 N (39.1900)	139 33 00.0 E (139.5500)	20.0	TOH
TOC		Tacklai ..... Assam, India	26 45 .. N (26.7500)	94 46 .. E ( 94.7667)	87.0	NDI
TOG	C	Tagane ..... Chiba, Honshu, Japan closed 1941.	35 33 .. N (35.5500)	140 22 .. E (140.3667)	9.0	ERIJ
TOH	F	Tohoku University, Sendai, Japan				
TOI	R	Tamamai ..... Rumoi, Hokkaido, Japan	44 13 16.4 N (44.2212)	141 41 01.4 E (141.6837)	40.0	HSS
TOK		Takya ..... Tokyo, Honshu, Japan	35 41 12.0 N (35.6867)	139 45 30.0 E (139.7583)	21.0	JMA
TOL	D	Toledo ..... Spain opened 1933. WWSS opened 19620427. DWSS opened 19821103.	39 52 53.0 N (39.8814)	4 02 55.0 W ( 4.0486)	480.0	MDD DWSS WWSS
TOM	C	Tamie ..... Nagasaki, Kyushu, Japan moved 196205.	32 36 30.0 N (32.6083)	128 45 54.0 E (128.7650)	28.0	JMA
TON	C	Tongariro ..... North Island, New Zealand 1952-19660422.	39 12 10.0 S (39.2028)	175 32 17.0 E (175.5381)	1120.0	WEL
TOO		Toolangi ..... Victoria, Australia opened 1962.	37 34 17.0 S (37.5714)	145 29 26.0 E (145.4906)	604.0	AUST
TOP		Topolavo ..... Kamchatskaya Oblast, R.S.F.S.R., U.S.S.R.	53 16 .. N (53.2667)	158 00 .. E (158.0000)	...	MOSR
TOR	C	Tori-shima ..... Bonin Islands, Japan	30 28 54.0 N (30.4817)	140 18 18.0 E (140.3050)	82.0	JMA
TOT		Tottori ..... Tottori, Honshu, Japan	35 30 42.0 N (35.5117)	134 10 42.0 E (134.1783)	18.0	JMA
TOTJ		Tottori Outpost ..... Tottori, Honshu, Japan opened 1979.	35 28 42.0 N (35.4783)	134 16 18.0 E (134.2717)	...	JMA
TOV		El Tucuya ..... Venezuela	9 47 13.2 N ( 9.7870)	69 47 33.3 W ( 69.7926)	650.0	CAR
TOW	R	Tower One ..... Inyo County, California, U.S.A. opened 198208.	35 48 32.4 N (35.8090)	117 45 51.6 W (117.7643)	684.0	PAS
TOY		Toyama ..... Toyama, Honshu, Japan	36 42 24.0 N (36.7067)	137 12 30.0 E (137.2083)	10.0	JMA
TP-NV	C	Tippipah ..... Nevada, U.S.A. 19611206-19611216.	37 12 01.0 N (37.2003)	116 13 34.0 W (116.2261)	2256.0	LRSM
TP2		Tecpan 2 ..... Guatemala	14 46 54.0 N (14.7817)	91 01 22.8 W ( 91.0230)	3075.0	GCG
TPA	C	Tala Pozo ..... Santiago del Estero, Argentina	27 49 18.0 S (27.8217)	64 14 42.0 W ( 64.2450)	177.0	
TPB	R	Topolabampa ..... Sinaloa, Mexico opened 19720808.	25 35 48.0 N (25.5967)	109 03 12.0 W (109.0533)	25.0	PAS
TPC	D	Twentynine Palms ..... San Bernardino County, California, U.S.A. opened 197205.	34 06 21.0 N (34.1058)	116 02 55.8 W (116.0488)	720.0	PAS
TPH		Tonopah ..... Nevada, U.S.A. opened 196109.	38 04 29.0 N (38.0747)	117 13 21.0 W (117.2225)	1890.0	SAND
TPI	R	Tanjungpandan ..... Sumatera, Indonesia	2 45 27.0 S ( 2.7575)	107 39 12.6 E (107.6535)	...	DJA
TPJ	C	Tangkuban-Prahu ..... Jawa, Indonesia 1969-?	7 06 .. S ( 7.1000)	114 02 .. E (114.0333)	...	
TPK	C	Tolicha Peak ..... Nevada, U.S.A. 19790611-1982.	37 16 07.0 N (37.2686)	116 48 16.0 W (116.8044)	2080.0	USGS
(TPK)		see international code TKK				

CODES

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
TPL		Tocopilla ..... Antofagasta, Chile	22 05 52.0 S (22.0978)	70 12 34.0 W ( 70.2094)	40.0	SAN
TPM		Tepoztlán ..... Morelos, Mexico	18 59 00.0 N (18.9833)	99 03 42.0 W ( 99.0617)	1500.0	UNM WWSS
TPN	C	Tapini ..... New Guinea, Papua New Guinea 196412-before 1969.	8 21 24.7 S ( 8.3569)	146 59 01.4 E (146.9837)	989.0	PMG
TPO	R	Tropico Hills ..... Kern County, California, U.S.A. opened 197606.	34 52 43.8 N (34.8788)	118 13 39.6 W (118.2277)	799.0	PAS
TPP		Pointe-a-Pierre ..... Trinidad, Trinidad and Tobago	10 19 01.2 N (10.3170)	61 27 03.6 W ( 61.4510)	46.0	TRN
TPR		Prospect ..... Tobago, Trinidad and Tobago opened 19780220.	11 11 09.6 N (11.1860)	60 46 37.2 W ( 60.7770)	245.0	TRN
TPT	D	Tiputa ..... Tuamotu Archipelago, French Polynesia	14 59 04.0 S (14.9844)	147 37 11.0 W (147.6197)	3.0	PPT
TPU		Tempiute Mountain ..... Nevada, U.S.A. opened 19790608.	37 36 18.0 N (37.6050)	115 38 57.0 W (115.6492)	1915.0	USGS
TPV	C	Tonopah ..... Nevada, U.S.A. 1965-1970.	38 03 57.0 N (38.0658)	117 13 40.8 W (117.2280)	1890.0	USGS
TPX		Tapachula ..... Chiapas, Mexico opened 1984.	14 54 18.0 N (14.9050)	92 15 40.0 W ( 92.2611)	150.0	MEX
TPZ		Tupiza ..... Bolivia	21 27 54.0 S (21.4650)	68 42 58.7 W ( 68.7163)	2960.0	LPZ
TQ-MS	C	Tatum Dame ..... Mississippi, U.S.A.	31 07 58.0 N (31.1328)	89 34 16.0 W ( 89.5711)	130.0	LRSN
TQV		Tuyen-Quang ..... Vietnam opened 197507?	21 49 42.0 N (21.8283)	105 12 30.0 E (105.2083)	35.0	PLV
TRA	C	Travnik ..... Yugoslavia closed 1925?	44 13 .. N (44.2167)	17 41 .. E ( 17.6833)	...	
(TRA)		see international code TRH				
TRACE	F	(keyword for telegraphic format)				
TRB	R	Tarbela ..... Pakistan opened 1974?	34 04 58.2 N (34.0828)	72 42 56.4 E ( 72.7157)	532.0	PAL
TRC		Taylor Ranch ..... Monterey County, California, U.S.A. opened 19670112. MNLD code PTY.	35 56 43.8 N (35.9455)	120 28 27.0 W (120.4742)	552.0	MNLD
TRD		Trivandrum ..... Kerala, India opened 19660815.	8 29 .. N ( 8.4833)	76 57 .. E ( 76.9500)	...	NDI
TRE	C	Trente ..... Calabria, Italy	39 17 .. N (39.2833)	16 19 .. E ( 16.3167)	534.0	
TRG		Tyrgana ..... Irkutskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code TIG.	52 48 .. N (52.8000)	106 18 .. E (106.3000)	720.0	MOSR
(TRG)		see international code TGN				
TRH		Trail ..... Hawaii, Hawaii, U.S.A. HVD code TRA.	19 24 54.6 N (19.4152)	155 32 57.6 W (155.5493)	3207.0	HVD
TRI		Trieste (Grotta Gigante) ..... Friuli-Venezia Giulia, Italy opened 1959. WWSS opened 196306.	45 42 32.0 N (45.7089)	13 45 51.0 E ( 13.7642)	126.0	TRI WWSS
TRJ	C	Tarija ..... Bolivia	21 30 47.0 S (21.5131)	64 46 34.0 W ( 64.7761)	2100.0	
TRK		Turkey Creek ..... South Carolina, U.S.A. opened 19800625.	33 07 19.8 N (33.1222)	79 46 40.0 W ( 79.7778)	10.0	USGS
TRM		Turner ..... Maine, U.S.A. opened 1977.	44 15 34.9 N (44.2597)	70 15 18.3 W ( 70.2551)	113.0	WES
TRN		Trinidad (Saint Augustine) ..... Trinidad, Trinidad and Tobago opened 19590608. WWSS opened 19620227.	10 38 52.8 N (10.6480)	61 24 10.8 W ( 61.4030)	24.0	TRN WWSS
TRD		Tromsø ..... Norway	69 37 57.0 N (69.6325)	18 55 41.0 E ( 18.9281)	15.0	BER
TRP		Trujillo ..... Peru	8 04 40.8 S ( 8.0780)	78 51 39.6 W ( 78.8610)	...	
TRQ	D	Mont Tremblant ..... Quebec, Canada opened 19810316.	46 13 20.0 N (46.2222)	74 33 20.0 W ( 74.5556)	853.0	ECTN
TRR		Torraleah ..... Tasmania, Australia opened 1960.	42 18 15.0 S (42.3042)	146 27 00.0 E (146.4500)	579.0	TAU
TRS	C	Trieste (Campo Marzio) ..... Friuli-Venezia Giulia, Italy	45 38 34.0 N (45.6428)	13 45 14.0 E ( 13.7539)	8.0	
TRT		Tretes ..... Jawa, Indonesia Moved slightly 19780719.	7 42 14.4 S ( 7.7040)	112 38 06.0 E (112.6350)	...	DJA
TRU	C	Truk ..... Caroline Islands opened 194903.	7 26 45.0 N ( 7.4458)	151 51 20.0 E (151.8556)	107.0	NEIS
TRV	C	Treviso ..... Veneto, Italy	45 40 .. N (45.6667)	12 11 .. E ( 12.1833)	14.0	

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
TRY	Troy ..... New York, U.S.A. opened 1960.	42 43 52.0 N (42.7311)	73 40 01.0 W ( 73.6669)	118.0	
TRYN	Tryon Peak ..... North Carolina, U.S.A. opened 19830322.	35 14 45.6 N (35.2460)	82 16 01.2 W ( 82.2670)	915.0	TEIC
TRZ	Taradale ..... North Island, New Zealand opened 19690320.	39 33 12.0 S (39.5533)	176 49 17.0 E (176.8214)	17.0	WEL
TS-	(Alternate Abbreviation for TS-ND)				
TS-ND	C Trappers ..... North Dakota, U.S.A. 19641102-19650514.	47 06 25.0 N (47.1069)	103 40 23.0 W (103.6731)	816.0	LRSM
TSA	R Tranquitas ..... Salto, Argentina (22.3889)	22 23 20.0 S (22.3889)	63 46 31.0 W ( 63.7753)	425.0	SJA
TSAL	Tannehill State Park ..... Alabama, U.S.A. (33.2561)	33 15 22.0 N (33.2561)	87 04 03.0 W ( 87.0675)	180.0	ATL
TSB	Tosu ..... British Columbia, Canada opened 19820413.	52 45 54.0 N (52.7650)	132 02 00.0 W (132.0333)	30.0	OTTR
TSE	R Tsebelo ..... Georgian S.S.R., U.S.S.R. MOS code ZBD.	43 00 .. N (43.0000)	41 18 .. E ( 41.3000)	...	TIF
TSI	Tuntungan ..... Sumatera, Indonesia Opened 197410.	3 30 03.0 N ( 3.5008)	98 33 52.2 E ( 98.5645)	...	DJA
(TSI)	see international code TSIM				
TSIM	Tsina ..... Central Alaska, Alaska, U.S.A. opened 19770810. AGS code TSI.	61 13 34.3 N (61.2262)	145 20 14.3 W (145.3373)	1113.0	AGS
TSK	Tsukuba ..... Ibaraki, Honshu, Japan opened 196604.	36 12 39.0 N (36.2108)	140 06 35.0 E (140.1097)	280.0	ERIJ
TSL	C Tsalle (Navajo Community College) ..... Arizona, U.S.A. opened 19750522.	36 22 20.0 N (36.3722)	109 14 37.0 W (109.2436)	2012.0	LOA
TSM	R Tawau ..... Sabah, Malaysia ( 4.2233)	4 13 24.0 N ( 4.2233)	118 04 18.0 E (118.0717)	...	KLM
TSN	Qingdao (Tsingtau) ..... Shandong, China (Mainland) (36.0667)	36 04 .. N (36.0667)	120 19 .. E (120.3167)	70.0	
TSO	C Tulsa ..... Oklahoma, U.S.A. 197302-19740429.	36 08 53.4 N (36.1482)	95 53 52.3 W ( 95.8979)	210.0	
TSP	Tesuque Peak ..... New Mexico, U.S.A. opened 19731014.	35 47 07.0 N (35.7853)	105 46 53.0 W (105.7814)	3664.0	LOA
TSR	Tsuruga ..... Fukui, Honshu, Japan (35.6500)	35 39 00.0 N (35.6500)	136 03 54.0 E (136.0650)	1.0	JMA
TSRJ	Tsuruga Outpost ..... Fukui, Honshu, Japan opened 1978.	35 32 12.0 N (35.5367)	135 59 00.0 E (135.9833)	140.0	JMA
TSS	Tsurugisan (Anabuki) ..... Tokushima, Shikoku, Japan (34.0417)	34 02 30.0 N (34.0417)	134 10 12.0 E (134.1700)	57.0	JMA
TST	R Taslik ..... Turkey Opened 197811.	40 14 53.9 N (40.2483)	28 22 23.9 E ( 28.3733)	35.0	
(TST)	see international code TSTS				
TSTN	Townsend ..... Tennessee, U.S.A. (35.6766)	35 40 35.8 N (35.6766)	83 42 14.5 W ( 83.7040)	341.0	
TSTOP	F (keyword for telegraphic format)				
TSTS	R Tash-Pashat ..... Kirghiz S.S.R., U.S.S.R. MOS code TST.	42 42 .. N (42.7000)	74 48 .. E ( 74.8000)	...	MOSR
TSU	Tsu ..... Mie, Honshu, Japan (34.7017)	34 42 06.0 N (34.7017)	136 31 06.0 E (136.5183)	4.0	JMA
TSV	C Twin Springs ..... Nevada, U.S.A. 1965-1972.	38 12 06.0 N (38.2017)	116 10 30.0 W (116.1750)	1585.0	USGS
TT-	(Alternate Abbreviation for TT-MI)				
TT-MI	C Trout Lake ..... Michigan, U.S.A. (46.2097)	46 12 35.0 N (46.2097)	85 10 04.0 W ( 85.1678)	259.0	LRSM
TTA	Totalina ..... Western Alaska, Alaska, U.S.A. moved slightly 198508.	62 55 48.4 N (62.9301)	156 00 41.8 W (156.0116)	990.0	PMR USTN
TTC	Tatung (Datang) ..... Shanxi, China (Mainland) (40.0950)	40 05 42.0 N (40.0950)	113 16 48.0 E (113.2800)	...	
TTG	Titograd ..... Yugoslavia opened 1960.	42 25 47.0 N (42.4297)	19 15 39.0 E ( 19.2608)	40.0	TTG
TTI	Taranto ..... Puglio, Italy opened 197701.	40 24 34.6 N (40.4096)	17 16 59.9 E ( 17.2833)	20.0	ROM
TTK	Tokmok ..... Turkey opened 198401.	39 45 54.0 N (39.7650)	28 02 42.0 E ( 28.0450)	430.0	ISK
TTL	C Totalina ..... Western Alaska, Alaska, U.S.A. (62.8986)	62 53 55.0 N (62.8986)	155 58 34.0 W (155.9761)	...	
TTM	D Turtle Mountains ..... San Bernardino County, California, U.S.A. opened 197404.	34 20 07.2 N (34.3353)	114 49 39.0 W (114.8275)	1098.0	PAS

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
TTN	Tai-tung (Taito) ..... China (Taiwan)	22 45 .. N (22.7500)	121 09 .. E (121.1500)	9.0	TAP
TTO	R Totontepec ..... Oaxaca, Mexico see international code TTOK	...	...	...	UNM
(TTO) TTOK	R Tanto ..... Hyogo, Honshu, Japon opened 19661026. KYT code TTO.	35 30 23.5 N (35.5065)	134 58 38.1 E (134.9773)	190.0	KYT
TTP	Tetilla Peak ..... New Mexico, U.S.A. opened 197310.	35 36 34.0 N (35.6094)	106 12 23.0 W (106.2064)	2103.0	LOA
TTR	Matura ..... Trinidad, Trinidad and Tobago opened 198407.	10 40 26.4 N (10.6740)	61 03 57.6 W ( 61.0660)	46.0	TRN
TTT	R Tottori ..... Tottori, Honshu, Japon opened 197108.	35 30 52.9 N (35.5147)	134 14 16.0 E (134.2378)	10.0	DRI
TTU	C Tartu (Dorpat, Jurjeia) ..... Estonian S.S.R., U.S.S.R.	58 23 .. N (58.3833)	26 43 .. E ( 26.7167)	...	...
TTV	Teren Tiev Lake ..... Central Alaska, Alaska, U.S.A. opened 19840918.	61 03 17.4 N (61.0548)	147 07 17.4 W (147.1215)	533.0	AGS
TTX	R Tres Cuevas ..... Texas, U.S.A.	29 18 59.0 N (29.3164)	103 43 05.0 W (103.7181)	1006.0	DAL
TTZ	C Chichi-shima (Chichijima, Titizima) ..... Bonin Islands, Japon (Alternate Abbreviation for TU-PA)	27 05 .. N (27.0833)	142 11 .. E (142.1833)	...	JMA
TU- TU-PA	C Tunkhannock ..... Pennsylvania, U.S.A. 19620802-19621005.	41 34 17.0 N (41.5714)	76 08 12.0 W ( 76.1367)	366.0	LRSM
TUA	Tuoi ..... North Island, New Zealand	38 48 29.0 S (38.8081)	177 09 02.0 E (177.1506)	274.0	WEL
TUB	C Tuebingen ..... Baden-Wuerttemberg, Fed. Rep. of Germany 1933-1971.	48 31 37.0 N (48.5269)	9 03 40.0 E ( 9.0611)	330.0	STU
TUC	Tucson ..... Arizona, U.S.A. opened 19621217. WWSS 19621217-19811231.	32 18 35.0 N (32.3097)	110 46 56.0 W (110.7822)	985.0	NEIS WWSS
TUG	R Tungurcha ..... Yakutskaya ASSR, R.S.F.S.R., U.S.S.R.	57 18 .. N (57.3000)	121 30 .. E (121.5000)	...	MOSR
TUH	Tulbagh ..... Cape Province, South Africa	33 17 48.0 S (33.2967)	19 09 00.0 E ( 19.1500)	190.0	PRE
TUI	R Turrialba ..... Costa Rica Opened 19840317.	9 50 30.3 N ( 9.8417)	83 33 26.4 W ( 83.5573)	1300.0	HDC
TUK	C Tuktoyaktuk ..... Northwest Territories, Canada 19801202-19820720.	69 26 24.0 N (69.4400)	133 01 42.0 W (133.0283)	10.0	OTTR
TUL	Tulso (Oklahoma Geophysical Observatory) ..... Oklahoma, U.S.A. opened 196107.	35 54 38.0 N (35.9106)	95 47 33.0 W ( 95.7925)	256.0	TUL
TUM	Tumwater ..... Washington, U.S.A. opened 195805.	47 00 54.0 N (47.0150)	122 54 30.0 W (122.9083)	20.0	SEA
TUN	C Tunis ..... Tunisia	36 48 .. N (36.8000)	10 08 .. E ( 10.1333)	...	...
TUO	Tucson Observatory ..... Arizona, U.S.A. opened 1909.	32 14 48.0 N (32.2467)	110 50 06.0 W (110.8350)	770.0	NEIS
TUP	Tupik ..... Chitinskaya Oblast, R.S.F.S.R., U.S.S.R.	54 26 .. N (54.4333)	119 54 .. E (119.9000)	...	MOS
TUR	C Turbat ..... Tajik S.S.R., U.S.S.R.	41 44 .. N (41.7333)	69 39 .. E ( 69.6500)	...	...
(TUR) TURI	see international code TURI Turo ..... Meghalaya, India NDI code TUR.	25 33 .. N (25.5500)	90 20 .. E ( 90.3333)	...	NDI
TUS	C Tuscarora ..... New York, U.S.A. 197106-197403.	43 10 48.0 N (43.1800)	78 57 33.0 W ( 78.9592)	165.0	PAL
TUT	C Tucson-Telemeter ..... Arizona, U.S.A. 19580105-196201.	32 20 06.0 N (32.3350)	110 43 24.0 W (110.7233)	1439.0	NEIS
TUTZ	R Tahingamoto ..... North Island, New Zealand	...	...	...	WELT
TVA	F Tennessee Valley Authority				
TVG	R Trois Rivières ..... Guadeloupe	15 58 46.8 N (15.9797)	61 38 52.2 W ( 61.6478)	185.0	FDF
TVI	Taveuni ..... Fiji opened 198112.	16 55 33.3 S (16.9259)	179 57 33.5 E (179.9593)	814.0	SVI
TVL	C Townsville ..... Queensland, Australia 195601-1965	19 15 42.0 S (19.2617)	146 46 06.0 E (146.7683)	5.0	BRS
TVO	D Torovoo ..... Tahiti, Society Islands, French Polynesia	17 46 57.0 S (17.7825)	149 15 06.0 W (149.2517)	660.0	PPT
TWA	R Mu-cha ..... China (Taiwan)	24 58 49.1 N (24.9803)	121 35 01.2 E (121.5837)	260.0	TATO



Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
TWC	Su-oo ..... China (Taiwan) opened 19730316.	24 36 33.0 N (24.6092)	121 50 55.8 E (121.8488)	20.0	TATO
TWD	Chiao-won ..... China (Taiwan) opened 19720925.	24 04 48.0 N (24.0800)	121 35 43.8 E (121.5955)	30.0	TATO
TWE	R Feng-lin ..... China (Taiwan)	23 44 12.2 N (23.7367)	120 25 31.7 E (120.4255)	140.0	TATO
TWF	C Yu-li ..... China (Taiwan) 19740130-?	23 20 57.0 N (23.3492)	121 17 45.0 E (121.2958)	180.0	TATO
TWF1	Yu-li ..... China (Taiwan)	23 21 07.8 N (23.3522)	121 17 49.2 E (121.2970)	265.0	TATO
TWG	Pin-lang ..... China (Taiwan) opened 19720930.	22 49 14.4 N (22.8207)	121 04 18.0 E (121.0717)	195.0	TATO
TWK	Hsin-ying ..... China (Taiwan) opened 19730827.	23 16 00.0 N (23.2667)	120 29 16.8 E (120.4880)	590.0	TATO
TWL	D Twin Lakes ..... Los Angeles County, California, U.S.A. opened 197111.	34 16 42.0 N (34.2783)	118 35 40.2 W (118.5945)	390.0	PAS
TWM	C Shou Shan ..... China (Taiwan) 19720909-?	22 38 30.0 N (22.6417)	120 15 05.4 E (120.2515)	340.0	TATO
TWM1	Shou Shan ..... China (Taiwan)	22 49 31.8 N (22.8255)	120 25 27.6 E (120.4243)	340.0	TATO
TWN	C Twin Peaks ..... Monterey County, California, U.S.A. 19731217-19750904.	36 03 09.6 N (36.0527)	121 30 27.0 W (121.5075)	148.0	MNLO
TWO	Mei-shan ..... China (Taiwan)	23 34 34.1 N (23.5761)	120 32 58.2 E (120.5495)	231.0	TATO
TWOA	RD Tennyson Woods Observatory (Adelaide) ..... South Australia, Australia opened 197804.	35 01 57.0 S (35.0325)	138 34 41.0 E (138.5781)	165.0	IDA
TWO	Tung-shih ..... China (Taiwan) opened 19720908.	24 16 28.8 N (24.2747)	120 50 09.0 E (120.8358)	443.0	TATO
TWZ	Nei-hu (Neifu) ..... China (Taiwan) opened 19750118.	25 05 49.2 N (25.0970)	121 34 44.4 E (121.5790)	280.0	TATO
TXB	R Texada ..... British Columbia, Canada opened 19840114.	49 41 48.8 N (49.6969)	124 26 09.6 W (124.4360)	515.0	
TXO	R Tlaxiaco ..... Oaxaca, Mexico (Alternate Abbreviation for TY-MN)	...	...	...	UNM
TY- TY-MN	C Tracy ..... Minnesota, U.S.A.	44 20 45.0 N (44.3458)	95 31 11.0 W (95.5197)	351.0	LRSM
TYF	Tung-yuan-fang ..... Shaanxi, China (Mainland)	34 30 .. N (34.5000)	109 04 .. E (109.0667)	365.0	
TYH	U Toyohashi ..... Aichi, Honshu, Japan 197406-197701.	34 45 45.3 N (34.7626)	137 28 12.3 E (137.4701)	76.0	NGY
TYI	Trinity Mountain ..... Idaho, U.S.A.	43 36 00.0 N (43.6000)	115 27 07.8 W (115.4522)	2613.0	BSE
TYK	Toyooko ..... Hyogo, Honshu, Japan moved 196206.	35 32 00.0 N (35.5333)	134 49 30.0 E (134.8250)	4.0	JMA
TYM	R Toteyomo ..... Chiba, Honshu, Japan opened 197105	34 58 14.9 N (34.9708)	139 50 53.2 E (139.8481)	30.0	CDPJ
TYN	Taiyuan ..... Shanxi, China (Mainland) see international code TYNN	37 47 12.0 N (37.7867)	112 35 24.0 E (112.5900)	...	
(TYN) TYNN	R Toyone ..... Aichi, Honshu, Japan opened 197706. NGY code TYN	35 07 58.5 N (35.1329)	137 40 10.4 E (137.6696)	650.0	NGY
TYS	Tyson Valley ..... Missouri, U.S.A. opened 19740219.	38 31 33.6 N (38.5260)	90 33 57.6 W (90.5660)	195.0	SLM
TYV	Tymovskoe ..... Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code TIV.	50 51 .. N (50.8500)	142 39 .. E (142.6500)	...	MOSR
TZZ	Tabubil ..... New Guinea, Papua New Guinea opened 19771116.	5 16 05.0 S (5.2681)	141 13 16.0 E (141.2211)	700.0	PMG
UAV	Universidad de los Andes (Merida) ..... Venezuela opened 19690801. Sent to NEIS by CAR.	8 36 36.0 N (8.6100)	71 08 41.0 W (71.1447)	1600.0	UAV
UAV1	R Merida network ..... Venezuela	...	...	...	UAV
UAV2	R Merida network ..... Venezuela	...	...	...	UAV
UBC	F University of British Columbia				
UBO	C Uinto Basin Arroyo ..... Uintah County, Utah, U.S.A. 197004-197309.	40 19 18.0 N (40.3217)	109 34 07.3 W (109.5687)	1596.0	SLC
UCC	Uccle ..... Belgium	50 47 54.0 N (50.7983)	4 21 34.0 E (4.3594)	105.0	UCC

TABLE 1

CODES

Code	Station Name, Region and Comments --	Latitude	Longitude	Elev	Networks
UCN	R Ubehebe Crater ..... Inyo County, California, U.S.A.	...	...	...	
UCT	University of Connecticut (Storrs) ..... Connecticut, U.S.A. opened 19741105.	41 49 54.0 N (41.8317)	72 15 02.0 W ( 72.2506)	149.0	WES
UDD	Uddeholm ..... Sweden	60 05 24.0 N (60.0900)	13 36 24.0 E ( 13.6067)	240.0	UPP
UDI	Udine O.G.S. .... Friuli-Venezia Giulia, Italy opened 19770624.	46 03 54.0 N (46.0650)	13 14 12.0 E ( 13.2367)	112.0	TRI
UDN	C Udine ..... Friuli-Venezia Giulia, Italy 19760601-1978.	46 03 47.3 N (46.0631)	13 14 16.1 E ( 13.2378)	100.0	ROM
UDU	Undu Paint ..... Fiji opened 198112.	16 09 07.6 S (16.1521)	179 59 16.9 W (179.9880)	170.0	SVA
UER	Ust-Elegest ..... Tuvinskaya ASSR, R.S.F.S.R., U.S.S.R.	51 34 .. N (51.5667)	94 05 .. E ( 94.0833)	...	MOS
UGI	Ugak Island ..... Kodiak Island, Alaska, U.S.A.	57 23 40.2 N (57.3945)	152 16 54.0 W (152.2817)	213.0	GIA
UGK	R Ugakei ..... Mie, Honshu, Japan opened 197804.	35 05 48.0 N (35.0967)	136 28 22.6 E (136.4729)	290.0	NGY
UGL	Uglegarsk ..... Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	49 05 .. N (49.0833)	142 05 .. E (142.0833)	125.0	SAKL
UHA	R Ushuaia ..... Tierra del Fuego, Argentina	...	...	...	SJA
UJI	R Uji ..... Kyoto, Honshu, Japan opened 19750414.	34 51 59.8 N (34.8666)	135 49 36.7 E (135.8269)	290.0	KYT
UK- UK-OR	C Ukiah ..... Oregon, U.S.A. 19630208-19630301.	45 05 35.0 N (45.0931)	118 53 55.0 W (118.8986)	1311.0	LRSM
UKI	Ukiah ..... Mendocino County, California, U.S.A. opened 193109.	39 08 14.0 N (39.1372)	123 12 38.0 W (123.2106)	199.0	NEIS
UKL	C Ugashik Lake ..... Alaska Peninsula, Alaska, U.S.A. opened 197510.	57 24 06.0 N (57.4017)	156 51 18.0 W (156.8550)	410.0	GIA
UKR	Ust-Kan ..... Altayskiy Krai, R.S.F.S.R., U.S.S.R. MOS code USK.	50 57 .. N (50.9500)	84 45 .. E ( 84.7500)	...	MOS
UKT	R Uakit ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	55 30 .. N (55.5000)	113 36 .. E (113.6000)	1140.0	MOSR
ULA	C Ulamana ..... New Britain, Papua New Guinea closed 1971; 197612-19811208.	5 00 23.0 S ( 5.0064)	151 15 20.0 E (151.2556)	10.0	RAB
ULC	Ulcinj ..... Yugoslavia opened 19821225.	41 57 48.1 N (41.9634)	19 14 58.9 E ( 19.2497)	465.0	TTG
ULM	R Lac du Bannet ..... Manitoba, Canada opened 19840904.	50 14 58.8 N (50.2497)	95 52 30.0 W ( 95.8750)	281.0	OTTR
ULO	R Ulamona ..... New Britain, Papua New Guinea opened 19811209.	5 03 32.4 S ( 5.0590)	151 18 10.8 E (151.3030)	980.0	RAB
UMB	Umberatana ..... South Australia, Australia opened 196706.	30 14 24.0 S (30.2400)	139 07 41.0 E (139.1281)	610.0	ADE
UME	Umea ..... Sweden opened 19620125.	63 48 54.0 N (63.8150)	20 14 12.0 E ( 20.2367)	16.0	UPP WWSS
UMJ	R Umaji ..... Kochi, Shikoku, Japan opened 197204.	33 32 46.3 N (33.5462)	134 02 49.3 E (134.0470)	320.0	URS
(UMJ) UMJE	see international code UMJE R Umejima ..... Yamanashi, Honshu, Japan opened 197806. ERIJ code UMJ.	35 11 34.2 N (35.1928)	138 29 52.5 E (138.4979)	250.0	ERIJ
UNA	C Unalaska ..... Aleutian Islands, Alaska, U.S.A. 19540406-19560910.	53 52 24.0 N (53.8733)	166 32 00.0 W (166.5333)	...	USGS
UNB	University of New Brunswick (Fredericton) ..... New Brunswick, Canada opened 19710401.	45 57 .. N (45.9500)	66 38 .. W ( 66.6333)	56.0	OTTR
UNJ	University of Jordan, Amman ..... Jordan opened 198106.	32 00 57.0 N (32.0158)	35 52 15.0 E ( 35.8708)	1050.0	
UNK	F (phase code designation)				
UNL	Unalakleet ..... Western Alaska, Alaska, U.S.A.	63 53 36.0 N (63.8933)	160 41 12.0 W (160.6867)	91.0	
UNM	Universidad Nacional de Mexico ..... Distrito Federal, Mexico WWSS opened 196706. Moved to TPM.	19 19 54.0 N (19.3317)	99 11 00.0 W ( 99.1833)	2275.0	UNM WWSS
UNR	R Ust-Nero ..... Yakutskaya ASSR, R.S.F.S.R., U.S.S.R. MOS code USN.	64 34 .. N (64.5667)	143 12 .. E (143.2000)	...	MOSR
UNZ	Unzendake ..... Nagasaki, Kyushu, Japan	32 44 24.0 N (32.7400)	130 15 54.0 E (130.2650)	678.0	JMA

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
UOA	C University of Arizona ..... Arizona, U.S.A. 197204-spring 1974.	32 13 59.0 N (32.2331)	110 57 10.0 W (110.9528)	741.0	
UPA	Universidad de Panama ..... Panama opened 198308.	8 58 53.4 N ( 8.9815)	79 32 02.4 W ( 79.5340)	41.4	WWSS
UPE	F (keyword for telegraphic format)				
UPN	F (keyword for telegraphic format)				
UPP	Uppsala ..... Sweden	59 51 30.0 N (59.8583)	17 37 36.0 E ( 17.6267)	14.0	UPP
UPZ	F (keyword for telegraphic format)				
URA	Urakawa ..... Hidaka, Hokkaido, Japan	42 09 30.0 N (42.1583)	142 46 48.0 E (142.7800)	30.0	JMA
URH	R Urahoro ..... Tokachi, Hokkaido, Japan	42 55 37.3 N (42.9270)	143 40 28.0 E (143.6744)	120.0	HSS
URS	Ugurusu ..... Kochi, Shikoku, Japan opened 19570601.	33 32 15.2 N (33.5376)	133 29 18.9 E (133.4886)	25.0	URS
URT	Uro-Tyube ..... Tajik S.S.R., U.S.S.R. opened 1970.	39 55 .. N (39.9167)	69 01 .. E ( 69.0167)	...	MOSR
URV	R Uribante ..... Venezuela	...	...	...	CAR
USA	R Tunal ..... Salta, Argentina	...	...	...	SJA
USC	C University of Southern California ..... Los Angeles County, California, U.S.A. 197102-197108.	34 01 04.2 N (34.0178)	118 17 13.2 W (118.2870)	50.0	
USI	Ustica ..... Lipari Islands, Italy opened 198210.	38 42 25.9 N (38.7072)	13 10 40.4 E ( 13.1779)	54.0	ROM
(USK)	see international code UKR				
USL	Ugoshik Lake ..... Alaska Peninsula, Alaska, U.S.A.	57 23 54.0 N (57.3983)	157 01 48.0 W (157.0300)	500.0	GIA
(USN)	see international code UNR				
USO	R Ust-Omchug ..... Magadanskaya Oblast, R.S.F.S.R., U.S.S.R.	61 09 .. N (61.1500)	149 38 .. E (149.6333)	...	MOSR
USTOP	F (keyword for telegraphic format)				
USZ	R Ust-Nyukzha ..... Amurskaya Oblast, R.S.F.S.R., U.S.S.R.	56 34 .. N (56.5667)	121 37 .. E (121.6167)	...	MOSR
UTF	Valparaiso ..... Valparaiso, Chile opened 19760415.	33 02 06.0 S (33.0350)	71 36 15.0 W ( 71.6042)	50.0	
UTM	University of Tennessee at Martin ..... Tennessee, U.S.A. opened 19820812.	36 17 24.0 N (36.2900)	88 56 27.6 W ( 88.9410)	108.0	
UTO	University of Toledo ..... Ohio, U.S.A. opened 19771220.	41 39 43.0 N (41.6619)	83 34 27.3 W ( 83.5743)	179.0	
UTS	Utsunomiya ..... Tochigi, Honshu, Japan moved 193501.	36 32 36.0 N (36.5433)	139 52 18.0 E (139.8717)	120.0	JMA
UTU	R Utsunomiya ..... Tochigi, Honshu, Japan opened 196202.	36 32 49.3 N (36.5470)	139 55 01.4 E (139.9171)	110.0	UTU
UVI	C Uvira ..... Zaire 1955-1964.	3 24 .. S ( 3.4000)	29 07 .. E ( 29.1167)	950.0	
UVN	C Unionville ..... Nevada, U.S.A. 19640913-196912.	40 26 32.4 N (40.4423)	118 09 30.0 W (118.1583)	1926.0	REN
UVO	R Usu Kazan Kan ..... Iburi, Hokkaido, Japan opened 19770901.	42 33 24.7 N (42.5569)	140 50 44.5 E (140.8457)	143.0	HSS
UWA	Uwajima ..... Ehime, Shikoku, Japan (33.2250)	33 13 30.0 N (33.2250)	132 33 30.0 E (132.5583)	43.0	JMA
UWE	Uwekahuna ..... Hawaii, Hawaii, U.S.A. opened 1930.	19 25 24.0 N (19.4233)	155 17 36.0 W (155.2933)	1240.0	HVO
UWL	C Utawona Lake ..... New York, U.S.A. 197407-1981.	43 50 16.0 N (43.8378)	74 32 36.0 W ( 74.5433)	561.0	PAL
UWM	University of Wisconsin at Milwaukee ..... Wisconsin, U.S.A. opened 197209.	43 04 46.1 N (43.0795)	87 52 42.2 W ( 87.8784)	204.0	
UZH	Uzhgorod (Unuar) ..... Ukrainian S.S.R., U.S.S.R.	48 38 .. N (48.6333)	22 18 .. E ( 22.3000)	159.0	MOS
UZT	Uzuto ..... Hiroshima, Honshu, Japan 19700202-19711201.	34 34 54.0 N (34.5817)	133 08 33.8 E (133.1427)	230.0	ERIJ
(VAD)	see international code VRD				
VAG	R Aggia Anna ..... Greece (38.3161)	38 18 57.8 N (38.3161)	22 54 01.0 E ( 22.9003)	760.0	BGS
VAH	D Vaihoo ..... Tuamotu Archipelago, French Polynesia (15.2389)	15 14 20.0 S (15.2389)	147 37 52.0 W (147.6311)	3.0	PPT
VAI	Vorese ..... Lombardia, Italy Sent to NEIS by ROM.	45 52 00.0 N (45.8667)	8 46 15.0 E ( 8.7708)	...	ROM
VAJ	Vajont (Belluno) ..... Veneto, Italy (46.2667)	46 16 00.0 N (46.2667)	12 19 48.0 E ( 12.3300)	725.0	

TABLE 1

CODES

Code	Station Name,- Region and Comments	Latitude	Longitude	Elev.	Networks
VAL	Valentia ..... Eire opened 1888. WWSS opened 19621023.	51 56 22.0 N (51.9394)	10 14 39.0 W ( 10.2442)	14.0	WWSS
VAM	Vamos ..... Crete, Greece	35 24 25.0 N (35.4069)	24 11 59.0 E ( 24.1997)	225.0	ATH
VAN	Vannovskaya ..... Turkmen S.S.R., U.S.S.R.	37 57 .. N (37.9500)	58 06 .. E ( 58.1000)	250.0	MOS
VAO	Valinhos ..... Sao Paulo, Brazil 19780515-19781130; reopened 1979?	23 00 06.0 S (23.0017)	46 58 03.6 W ( 46.9677)	840.0	VAO
VAR	Varanasi ..... Uttar Pradesh, India	25 18 .. N (25.3000)	83 01 .. E ( 83.0167)	88.0	NDI
VAS	C Vassijaure ..... Sweden	68 25 .. N (68.4167)	18 11 .. E ( 18.1833)	469.0	
VAY	Valandava ..... Yugoslavia opened 196901.	41 19 15.8 N (41.3211)	22 34 12.2 E ( 22.5701)	168.0	SKO
VBA	Sierra de la Ventana ..... Buenos Aires, Argentina	38 03 14.0 S (38.0539)	61 58 32.0 W ( 61.9756)	495.0	SJA
(VBE)	see international code VBEM				
VBEM	Beaver Butte ..... Oregon, U.S.A. MNLO code VBE.	45 03 37.2 N (45.0603)	121 35 12.6 W (121.5868)	1544.0	MNLO
VBM	R Viburnum ..... Missouri, U.S.A.	...	...	...	
(VBP)	see international code VBPM				
VBPM	Bald Peter ..... Oregon, U.S.A. MNLO code VBP.	44 39 39.6 N (44.6610)	121 41 20.4 W (121.6890)	1876.0	MNLO
VBV	R Virginia Beach ..... Virginia, U.S.A. opened 197705.	36 47 07.1 N (36.7853)	76 06 28.8 W ( 76.1080)	5.0	
VCA	Vinchina ..... La Pampa, Argentina	28 44 27.0 S (28.7408)	68 12 06.0 W ( 68.2017)	1500.0	SJA
(VCL)	see international code VCLM				
VCLM	Crater Lake ..... Oregon, U.S.A. MNLO code VCL. USTN closed.	42 52 42.6 N (42.8785)	122 07 12.6 W (122.1202)	2048.0	MNLO USTN
VCM	Veracruz ..... Veracruz, Mexico	19 12 02.0 N (19.2006)	96 08 16.0 W ( 96.1378)	3.0	UNM
(VCM)	see international code VCMM				
VCMM	Chase Mountain ..... Oregon, U.S.A. MNLO code VCM.	42 05 43.8 N (42.0955)	121 59 19.8 W (121.9888)	1889.0	MNLO
VCR	Vista de Mar ..... Costa Rica Also sent to NEIS by ICRE.	10 07 30.0 N (10.1250)	83 37 25.2 W ( 83.6237)	800.0	SJR
VDB	Vedder Mountain ..... British Columbia, Canada opened 19830104.	49 01 34.0 N (49.0261)	122 06 10.1 W (122.1028)	404.0	OTTR
VDL	Val di Lei ..... Switzerland opened 1982	46 29 11.4 N (46.4865)	9 28 11.4 E ( 9.4698)	1900.0	ZUR
VDM	Villiers-Adam ..... Ile de France, France	49 04 27.8 N (49.0744)	2 13 54.8 E ( 2.2319)	70.0	PAR
VDO	D Val d'Or ..... Quebec, Canada opened 19801209.	48 13 48.0 N (48.2300)	77 58 18.0 W ( 77.9717)	305.0	ECTN
VDW	Vunindawa ..... Fiji opened 197910.	17 50 01.0 S (17.8336)	178 15 10.0 E (178.2528)	409.0	SVA
VEB	R Veberaed ..... Sweden opened 198001	55 35 56.4 N (55.5990)	13 30 57.6 E ( 13.5160)	116.0	HFS
VEH	R Verkh-Baza ..... U.S.S.R.	...	...	...	MOSR
VEL	F (keyword far telegraphic format)				
VEN	C Venice ..... Veneto, Italy	45 26 .. N (45.4333)	12 20 .. E ( 12.3333)	1.0	
VER	C Veracruz ..... Nicaragua 1977-1983.	12 05 22.8 N (12.0897)	86 10 16.2 W ( 86.1712)	140.0	APY
VEW	Oceanview ..... South Carolina, U.S.A. opened 1982?	32 43 03.6 N (32.7177)	79 56 29.4 W ( 79.9415)	3.0	USGS
VEX	Veracruz ..... Baja California, Mexico	32 21 40.2 N (32.3612)	115 06 19.2 W (115.1053)	...	ECX
VEZ	R Vezirkapru ..... Turkey opened 197609.	41 07 49.8 N (41.1305)	35 27 45.7 E ( 35.4627)	387.0	
(VFB)	see international code VFBM				
VFBM	Frederick Butte ..... Oregon, U.S.A. MNLO code VFB.	43 39 30.6 N (43.6585)	120 14 15.0 W (120.2375)	1369.0	MNLO
VFI	R Filaki ..... Greece	39 14 06.7 N (39.2352)	22 35 31.4 E ( 22.5921)	360.0	BGS
VG1	Voghera ..... Lombardia, Italy	44 55 45.0 N (44.9292)	9 05 45.0 E ( 9.0958)	...	ROM

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
VG2	Visto Grande ..... Riverside County, California, U.S.A. opened 197512. PAS code VGR.	33 49 54.6 N (33.8318)	116 48 33.0 W (116.8092)	...	PAS
VGB	Gordon Butte ..... Washington, U.S.A.	45 30 56.4 N (45.5157)	120 46 39.0 W (120.7775)	729.0	MNLO USTN
VGBM	(Alternate Abbreviation for VGB)				
VGL	R Glofiro ..... Greece	39 26 44.3 N (39.4456)	22 53 03.1 E ( 22.8842)	424.0	BGS
VGM	C Villa Grajales ..... Tlaxcala, Mexico	19 15 .. N (19.2500)	97 47 .. W ( 97.7833)	...	
(VGM)	see international code VGMM				
VGMM	Gross Mountain ..... Oregon, U.S.A.	43 35 32.4 N (43.5923)	122 32 45.6 W (122.5460)	1561.0	MNLO
	MNLO code VGM.				
(VGP)	see international code VGPM				
VGPM	Green Peter ..... Oregon, U.S.A.	44 29 00.0 N (44.4833)	122 34 53.4 W (122.5815)	1212.0	MNLO
	MNLO code VGP.				
(VGR)	see international code VG2				
(VGT)	see international code VGTM				
VGTM	Goat Mountain ..... Oregon, U.S.A.	45 08 59.4 N (45.1498)	122 15 55.2 W (122.2653)	993.0	MNLO
	MNLO code VGT.				
VGZ	D Gonzales ..... British Columbia, Canada opened 19820323.	48 24 50.0 N (48.4139)	123 19 28.0 W (123.3244)	68.0	WCTN
(VHB)	see international code VHBM				
VHBM	Hamelton Butte ..... Oregon, U.S.A.	42 47 09.0 N (42.7858)	121 20 57.6 W (121.3493)	1945.0	MNLO
	MNLO code VHB.				
(VHE)	see international code VHEM				
VHEM	Haad Meadows East ..... Oregon, U.S.A.	45 19 43.2 N (45.3287)	121 40 27.6 W (121.6743)	1739.0	MNLO
	MNLO code VHE.				
(VHH)	see international code VHMM				
VHMM	High Heaven ..... Oregon, U.S.A.	45 15 52.8 N (45.2647)	123 18 34.2 W (123.3095)	533.0	MNLO
	MNLO code VHH.				
VHM	C Vista Hermoso ..... Oaxaca, Mexico	17 10 36.0 N (17.1767)	96 44 43.0 W ( 96.7453)	1829.0	UNM
VHO	Vista Hermosa ..... Oaxaca, Mexico	17 14 10.0 N (17.2361)	96 43 56.0 W ( 96.7322)	1685.0	UNM
(VHO)	see international code VHOM				
VHOM	Mount Hebo ..... Oregon, U.S.A.	45 13 09.0 N (45.2192)	123 43 31.2 W (123.7253)	951.0	MNLO
	MNLO code VHO.				
(VHY)	see international code VHYM				
VHYM	Horsefly Mountain ..... Oregon, U.S.A.	42 15 52.2 N (42.2645)	121 02 57.0 W (121.0492)	1932.0	MNLO
	MNLO code VHY.				
VIB	R Van Inlet ..... British Columbia, Canada opened 198509.	53 15 08.0 N (53.2522)	132 32 26.0 W (132.5406)	1008.0	OTTR
VIC	CD Victoria ..... British Columbia, Canada 1898-19780329.	48 31 10.0 N (48.5194)	123 24 55.0 W (123.4153)	197.0	OTT
VIE	Vienna--Hohe Warte (Wien--Hohe Warte) ..... Austria	48 14 54.0 N (48.2483)	16 21 42.0 E ( 16.3617)	198.0	VIE
VIF	Vila Franca ..... Azores, Portugal opened 1980.	37 44 41.4 N (37.7448)	25 26 22.9 W ( 25.4397)	647.0	PDA
VIK	C Vik ..... Iceland	63 25 18.0 N (63.4217)	19 01 00.0 W ( 19.0167)	19.0	REY
VIL	C Villa Mercy ..... Maryland, U.S.A. 1962-1972.	39 01 15.3 N (39.0209)	77 11 19.3 W ( 77.1887)	...	NEIS
VIM	R Vimmerby ..... Sweden opened 198001	57 47 16.8 N (57.7880)	16 00 07.2 E ( 16.0020)	151.0	HFS
VIN	C Vineyard ..... San Benito County, California, U.S.A. 19590203-19660309.	36 45 00.0 N (36.7500)	121 23 06.0 W (121.3850)	330.0	BRK
VIP	Virginia Peak ..... Nevada, U.S.A. opened 197804.	39 45 14.4 N (39.7540)	119 27 38.9 W (119.4608)	2499.0	REN
(VIP)	see international code VIPM				
VIPM	Ingram Point ..... Oregon, U.S.A.	44 30 29.4 N (44.5082)	120 37 07.8 W (120.6188)	1731.0	MNLO
	MNLO code VIP.				
VIR	Virginia ..... Orange Free State, South Africa	28 04 48.0 S (28.0800)	26 51 48.0 E ( 26.8633)	1341.0	PRE
VIS	Vishakhapatnam (Andhra, Waltair) ..... Andhra Pradesh, India opened 1962.	17 43 .. N (17.7167)	83 18 .. E ( 83.3000)	41.0	NDI
VIT	C Vineyard--Telemeter ..... San Benito County, California, U.S.A. 19610531-19650210.	36 45 00.0 N (36.7500)	121 23 18.0 W (121.3883)	360.0	BRK
VITF	Vittel ..... Lorraine, France	48 13 .. N (48.2167)	5 59 .. E ( 5.9833)	...	STR

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
VIZ	C Vizionogram ..... .. Andhra Pradesh, India .. closed 1962?	18 07 .. N (18.1167)	83 27 .. E ( 83.4500)	...	NDI
(VJY)	see international code VJYM				
VJYM	Jersey ..... Oregon, U.S.A. MNLO code VJY.	44 54 07.8 N (44.9022)	120 58 27.0 W (120.9742)	951.0	MNLO
VKA	Vienna--Kobenzl (Wien--Kobenzl) ..... Austria	48 15 54.0 N (48.2650)	16 19 06.0 E ( 16.3183)	400.0	VIE
VLA	Vladivostok ..... Primorskiy Kray, R.S.F.S.R., U.S.S.R.	43 07 12.0 N (43.1200)	131 53 36.0 E (131.8933)	75.0	MOS
VLD	C Valdez ..... Central Alaska, Alaska, U.S.A.	61 07 03.0 N (61.1175)	146 15 49.2 W (146.2637)	61.0	
VLG	Velasquez ..... Guatemala	14 14 25.8 N (14.2405)	91 00 27.6 W ( 91.0077)	212.0	GCG
(VLM)	see international code VLMM				
VLMM	Larch Mountain ..... Oregon, U.S.A. MNLO code VLM.	45 32 18.6 N (45.5385)	122 02 21.0 W (122.0392)	1158.0	MNLO
VLN	Vanua-Lava (Sola) ..... Vanuatu Islands opened 1974.	13 53 12.0 S (13.8867)	167 32 30.0 E (167.5417)	18.0	NOU
VLO	Vlora ..... Albania	40 28 07.0 N (40.4686)	19 29 43.8 E ( 19.4955)	...	TIR
VLP	Volparaiso ..... Volparaiso, Chile opened 1973.	33 01 32.7 S (33.0257)	71 38 27.9 W ( 71.6411)	88.0	SAN
VLR	Valea Ierii ..... Romania opened 19820901.	46 39 15.0 N (46.6542)	23 21 17.0 E ( 23.3547)	1080.0	BUK
VLS	Valsamata (Kephallenia) ..... Greece	38 10 38.0 N (38.1772)	20 35 23.0 E ( 20.5897)	375.0	ATH
VLV	Valdivia ..... Valdivia, Chile opened 19670801.	39 47 24.0 S (39.7900)	73 16 35.0 W ( 73.2764)	12.0	
VLZ	Voldez ..... Central Alaska, Alaska, U.S.A. opened 19710902.	61 07 53.4 N (61.1315)	146 19 55.2 W (146.3320)	10.0	AGS
VMA	R Markatoi ..... Greece	38 42 21.0 N (38.7058)	23 35 15.5 E ( 23.5876)	468.0	BGS
VMC	C Ville Marie ..... Quebec, Canada closed before 1962.	47 19 .. N (47.3167)	79 27 .. W ( 79.4500)	...	OTTR
(VMH)	see international code VMHM				
VMHM	Mount Hagen ..... Oregon, U.S.A. MNLO code VMH.	44 08 15.6 N (44.1377)	122 24 26.4 W (122.4073)	902.0	MNLO
(VMN)	see international code VMNM				
VMNM	Moupin ..... Oregon, U.S.A. MNLO code VMN.	45 11 12.6 N (45.1868)	121 03 10.8 W (121.0530)	555.0	MNLO
VN-	(Alternate Abbreviation for VN-UT)				
VN-UT	C Vernal ..... Uintah County, Utah, U.S.A. 19611020-19620601.	40 30 31.0 N (40.5086)	109 34 45.0 W (109.5792)	1768.0	LRSN
VNA	R George Von Neumeyer ..... Greater Antartica, Antartica	70 37 .. S (70.6167)	8 22 .. W ( 8.3667)	...	GRF
VND	C Vanda ..... Greater Antartica, Antartica 19690112-19710201.	77 31 26.0 S (77.5239)	161 40 19.0 E (161.6719)	150.0	WEL
VNDA	R Vando ..... Greater Antartica, Antartica proposed GTSN station.	...	...	...	
VNE	R Neocharion ..... Greece	39 18 42.9 N (39.3119)	23 13 55.9 E ( 23.2322)	692.0	BGS
VNT	R Von ..... Turkey Opened 197912.	38 31 00.8 N (38.5169)	43 23 03.8 E ( 43.3844)	1804.0	
VNY	R Voermlands Nysaeter ..... Sweden opened 198001	59 24 14.4 N (59.4040)	12 28 55.2 E ( 12.4820)	229.0	HFS
VO-	(Alternate Abbreviation for VO-IO)				
VO-IO	C Vinton ..... Iowa, U.S.A. 19640901-19650322.	42 13 30.0 N (42.2250)	92 07 37.0 W ( 92.1269)	274.0	LRSN
VOU	Vaughans ..... Franche Comte, France opened 1967.	46 23 56.0 N (46.3989)	5 39 03.0 E ( 5.6508)	495.0	STR
VOY	Vojsko ..... Yugoslavia opened 198411.	46 01 54.1 N (46.0317)	13 53 36.6 E ( 13.8935)	1073.0	LJU
VPA	R Pavliani ..... Greece	38 46 53.5 N (38.7815)	22 20 24.0 E ( 22.3400)	1084.0	BGS
VPD	D Villa Park Dam ..... Oronge County, California, U.S.A. opened 197107	33 48 57.6 N (33.8160)	117 45 43.8 W (117.7622)	183.0	PAS
VPEN	Volcano Peak East ..... Inyo County, California, U.S.A. opened 19750926. MNLO code VWP. USTN closed.	35 56 58.2 N (35.9495)	117 49 00.1 W (117.8167)	1463.0	MNLO USTN
(VPI)	see international code VPIM				

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
VPIM	Pine Mountain ..... Oregon, U.S.A. MNLO code VPI. USTN closed.	43 47 27.0 N (43.7908)	120 56 40.8 W (120.9447)	1932.0	MNLO USTN
VPK	Verdi Peak ..... Sierra County, California, U.S.A. opened 197304.	39 28 29.0 N (39.4747)	120 02 14.4 W (120.0373)	2469.0	REN
VPL	Vulcano Piano ..... Lipari Islands, Italy	38 22 44.0 N (38.3789)	14 59 01.0 E (14.9836)	410.0	LLI
(VPM)	see international code VPMM				
VPMM	Saint Patrick Mountain ..... Oregon, U.S.A. MNLO code VPM.	43 11 36.0 N (43.1933)	120 39 58.8 W (120.6663)	1387.0	MNLO
VPS	C Volcan Poos ..... Costa Rica closed 198011.	10 11 14.4 N (10.1873)	84 14 18.6 W (84.2385)	2570.0	SJR
VPS2	Volcan Poos 2 ..... Costa Rica opened 198011. Also sent to NEIS by ICRE.	10 11 24.6 N (10.1902)	84 14 07.2 W (84.2353)	2570.0	SJR
VQS	C Vieques ..... Puerto Rico 190309-192412.	18 09 ... N (18.1500)	65 27 ... W (65.4500)	...	NEIS
(VRB)	see international code VRBM				
VRBM	Round Butte Dam ..... Oregon, U.S.A. MNLO code VRB.	44 36 03.0 N (44.6008)	121 16 12.6 W (121.2702)	743.0	MNLO
VRD	R Vardenis ..... Armenian S.S.R., U.S.S.R. MOS code VAD.	40 12 ... N (40.2000)	45 42 ... E (45.7000)	...	MOSR
VRI	Vrinciaia ..... Romania opened 1967.	45 52 12.0 N (45.8700)	26 43 30.0 E (26.7250)	400.0	BUC
VRN	Varnville ..... South Carolina, U.S.A. opened 19791015.	33 02 15.0 N (33.0375)	80 56 30.0 W (80.9417)	27.0	USGS
VSA	R La Vio ..... Solta, Argentina	...	...	...	SJA
(VSB)	see international code VSBM				
VSBM	Spring Butte ..... Oregon, U.S.A. MNLO code VSB.	43 31 25.2 N (43.5237)	121 20 50.4 W (121.3473)	1664.0	MNLO
VSC	C Varnville ..... South Carolina, U.S.A. 19740520-19791015.	32 52 45.0 N (32.8792)	81 03 00.0 W (81.0500)	...	USGS
(VSC)	see international code VSCM				
VSCM	Scott Mountain ..... Oregon, U.S.A. MNLO code VSC.	43 22 21.0 N (43.3725)	123 03 47.4 W (123.0632)	1295.0	MNLO
VSG	Visole ..... Solomon Islands opened 19831222.	9 15 10.0 S (9.2528)	159 42 45.0 E (159.7125)	330.0	HNR
VSI	R Simio ..... Greece (38.8793)	38 52 45.4 N (38.8793)	23 12 32.5 E (23.2090)	448.0	BGS
VSK	R Skopelos ..... Greece (39.1106)	39 06 38.2 N (39.1106)	23 41 36.4 E (23.6934)	374.0	BGS
(VSM)	see international code VSMM				
VSMM	Solem ..... Oregon, U.S.A. MNLO code VSM.	44 55 37.2 N (44.9270)	123 07 39.0 W (123.1275)	290.0	MNLO
VST	Saint Thomas ..... Virgin Islands opened 197506.	18 21 14.4 N (18.3540)	64 57 25.2 W (64.9570)	372.0	PAL
(VST)	see international code VSTC				
VSTC	D Vista ..... San Diego County, California, U.S.A. opened 197501. PAS code VST.	33 09 24.1 N (33.1567)	117 13 54.1 W (117.2317)	112.0	PAS
VSTOP	F (keyword for telegraphic format)				
VT-	(Alternate Abbreviation for VT-OR)				
VT-OR	C Venator ..... Oregon, U.S.A. 19620116-19620521.	43 06 49.0 N (43.1136)	118 24 53.0 W (118.4147)	1341.0	LRSM
(VTC)	see international code VTCM				
VTCM	Trout Creek Butte ..... Oregon, U.S.A. MNLO code VTC.	44 54 49.2 N (44.9137)	121 39 57.0 W (121.6658)	1690.0	MNLO
(VTD)	see international code VTDM				
VTDM	The Dalles ..... Oregon, U.S.A. MNLO code VTD.	45 32 43.2 N (45.5453)	121 18 41.4 W (121.3115)	305.0	MNLO
VTG	Vantage ..... Washington, U.S.A. opened 197007.	46 57 28.8 N (46.9580)	119 59 14.4 W (119.9873)	208.0	SEA
VTH	R Erithroi ..... Greece (38.2006)	38 12 02.0 N (38.2006)	23 21 36.0 E (23.3600)	756.0	BGS
(VTH)	see international code VTHM				
VTHM	Trough ..... Oregon, U.S.A. MNLO code VTH.	45 10 52.2 N (45.1812)	120 33 37.8 W (120.5605)	773.0	MNLO
VTS	Vitosha ..... Bulgaria	42 36 ... N (42.6000)	23 12 ... E (23.2000)	...	SOF

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
VTY	Vatavaky .....	19 04 33.1 S	47 32 19.1 E	1423.0	TAN
	Madagascar .....	(19.0759)	( 47.5386)		
VUL	Vulcan (Taviliu) .....	4 16 58.2 S	152 08 44.6 E	332.0	RAB
	New Britain, Papua New Guinea .....	( 4.2828)	(152.1457)		
	opened 1967.				
VUN	Vunikawai .....	18 00 26.0 S	178 27 48.0 E	178.0	SVa
	Fiji .....	(18.0072)	(178.4633)		
	1960?-1970; reopened 1976.				
VVD	Valverde .....	27 48 26.6 N	17 54 40.4 W	540.0	MDD
	Canary Islands, Spain .....	(27.8074)	( 17.9112)		
	opened 197506.				
VVO	Vivian .....	35 20 12.4 N	95 44 14.5 W	224.0	TUL
	Oklahoma, U.S.A. .....	(35.3368)	( 95.7374)		
	opened 19850911.				
(VWB)	see international code VWBM				
VWBM	Wanoga Butte .....	43 54 49.2 N	121 33 16.2 W	1736.0	MNLO
	Oregon, U.S.A. .....	(43.9137)	(121.5545)		
	MNLO code VWB.				
(VWM)	see international code VWMM				
VWMM	Walker Mountain .....	43 18 18.0 N	121 42 57.0 W	2158.0	MNLO
	Oregon, U.S.A. .....	(43.3050)	(121.7158)		
	MNLO code VWM.				
VWV	Potts Mountain .....	37 27 57.6 N	80 23 30.0 W	963.0	BLA
	Virginia, U.S.A. .....	(37.4660)	( 80.3917)		
VYB	C Vyborg .....	60 43 .. N	28 48 .. E	25.0	
	Leningradskaya Oblast, R.S.F.S.R., U.S.S.R. .....	(60.7167)	( 28.8000)		
VZS	C Valdez South .....	61 02 39.0 N	146 18 19.2 W	668.0	AGS
	Central Alaska, Alaska, U.S.A. .....	(61.0442)	(146.3053)		
	19720722-19760327.				
VZW	Valdez West .....	61 03 32.4 N	146 33 14.4 W	796.0	AGS
	Central Alaska, Alaska, U.S.A. .....	(61.0590)	(146.5540)		
	opened 19720717.				
WA-	(Alternate Abbreviation for WA-OK)				
WA-OK	C Watson .....	34 26 30.0 N	94 29 28.0 W	305.0	LRSM
	Oklahoma, U.S.A. .....	(34.4417)	( 94.4911)		
	19621017-19621027.				
WA1	C Wangan Hills .....	30 54 35.4 S	116 43 42.0 E	260.0	AUST
	Western Australia, Australia .....	(30.9098)	(116.7283)		
	19730131-19730519.				
WA2	Wagin .....	33 16 36.0 S	117 20 12.0 E	300.0	AUST
	Western Australia, Australia .....	(33.2767)	(117.3367)		
	opened 19730609.				
WA3	Talbot Braak .....	32 03 06.0 S	116 38 36.0 E	276.0	AUST
	Western Australia, Australia .....	(32.0517)	(116.6433)		
	opened 1973.				
WAA	Waris .....	4 07 .. S	145 06 .. E	48.0	RAB
	New Guinea, Papua New Guinea .....	( 4.1167)	(145.1000)		
	intermittent operation.				
WAB	Wabag .....	5 29 41.0 S	143 43 42.1 E	2032.0	PMG
	New Guinea, Papua New Guinea .....	( 5.4947)	(143.7284)		
	opened 196810.				
WAD	R Wadsworth .....	39 41 16.1 N	119 17 16.8 W	1262.0	REN
	Nevada, U.S.A. .....	(39.6878)	(119.2880)		
	opened 197804.				
WAH	Wahluke .....	46 45 07.2 N	119 34 40.8 W	231.0	SEA
	Washington, U.S.A. .....	(46.7520)	(119.5780)		
	opened 197007.				
WAI	C Wairiri (Glentunnel) .....	43 30 .. S	171 52 .. E	335.0	WEL
	South Island, New Zealand .....	(43.5000)	(171.8667)		
	1947-1948.				
(WAI)	see international code WKH				
WAJ	Wajima (Wazima) .....	37 23 24.0 N	136 53 54.0 E	7.0	JMA
	Ishikawa, Hanshu, Japan .....	(37.3900)	(136.8983)		
WAK	Wakkanai .....	45 25 00.0 N	141 40 24.0 E	90.0	JMA
	Soya, Hokkaido, Japan .....	(45.4167)	(141.6733)		
WAL	Wallace .....	47 27 36.0 N	115 57 54.0 W	1200.0	
	Idaho, U.S.A. .....	(47.4600)	(115.9650)		
	opened 1965.				
WAM	Wamboak .....	36 11 34.0 S	148 53 00.0 E	200.0	CAN
	New South Wales, Australia .....	(36.1928)	(148.8833)		
	opened 1957.				
WAN	Wanliss Street .....	4 11 39.6 S	152 10 32.5 E	25.0	RAB
	New Britain, Papua New Guinea .....	( 4.1943)	(152.1757)		
	opened 1967.				
WAR	Warsaw (Warszawa) .....	52 14 30.0 N	21 01 25.0 E	110.0	WAR
	Poland .....	(52.2417)	( 21.0236)		
WAS	C Washington .....	38 53 33.0 N	77 01 59.2 W	1.0	NEIS
	District of Columbia, U.S.A. .....	(38.8925)	( 77.0331)		
	1909-1969.				
(WAS)	see international code WASM				
WASM	Alta Sierra Campground .....	35 44 17.4 N	118 33 25.2 W	1871.0	MNLO USTN
	Kern County, California, U.S.A. .....	(35.7382)	(118.5570)		
	opened 198004. MNLO code WAS.				
WAT	C Watheroo .....	30 19 .. S	115 53 .. E	...	AUST
	Western Australia, Australia .....	(30.3167)	(115.8833)		
	1958-1959.				
WAX	Waxell Ridge .....	60 27 00.0 N	142 51 06.1 W	975.0	AGS
	Central Alaska, Alaska, U.S.A. .....	(60.4500)	(142.8517)		
	opened 19750822.				



## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
WAY	C Waynesburg ..... Pennsylvania, U.S.A. 195606-1964.	39 54 06.0 N (39.9017)	80 11 06.0 W ( 80.1850)	329.0	PAL
WB0	RD Warramunga Array ..... Northern Territory, Australia opened 196510.	19 46 10.9 S (19.7697)	134 23 39.5 E (134.3943)	366.0	CAN
WB1	(Alternate Abbreviation for WRB)				
WB2	D Warramunga Array ..... Northern Territory, Australia opened 196510.	19 56 39.8 S (19.9444)	134 21 09.0 E (134.3525)	366.0	CAN
WB3	D Warramunga Array ..... Northern Territory, Australia opened 196510.	19 55 29.3 S (19.9248)	134 21 24.8 E (134.3569)	366.0	CAN
WB4	D Warramunga Array ..... Northern Territory, Australia opened 196510.	19 54 19.1 S (19.9053)	134 21 38.2 E (134.3606)	366.0	CAN
WB5	RD Warramunga Array ..... Northern Territory, Australia opened 196510.	19 52 48.7 S (19.8802)	134 22 03.4 E (134.3676)	366.0	CAN
WB6	RD Warramunga Array ..... Northern Territory, Australia opened 196510.	19 51 25.6 S (19.8571)	134 22 07.0 E (134.3686)	366.0	CAN
WB7	D Warramunga Array ..... Northern Territory, Australia opened 196510.	19 50 34.8 S (19.8430)	134 22 51.2 E (134.3809)	366.0	CAN
WB8	RD Warramunga Array ..... Northern Territory, Australia opened 196510.	19 48 58.7 S (19.8163)	134 22 55.9 E (134.3822)	366.0	CAN
WB9	RD Warramunga Array ..... Northern Territory, Australia opened 196510.	19 47 37.7 S (19.7938)	134 23 07.4 E (134.3854)	366.0	CAN
WBE	C West Bromwich ..... England, United Kingdom	52 32 .. N (52.5333)	2 00 .. W ( 2.0000)	156.0	
WBF	R Wyntersberg ..... France	...	...	...	
WBI	C Whiskey Butte ..... Idaho, U.S.A. 197110-19760114.	46 34 57.2 N (46.5826)	115 58 43.5 W (115.9787)	1341.0	MSO
WBL	White Bluff ..... Washington, U.S.A.	46 35 54.0 N (46.5983)	119 27 33.0 W (119.4592)	...	
(WBM)	see international code WBMM				
WBMM	Breckenridge Mountain ..... Kern County, California, U.S.A. MNLO code WBM.	35 27 03.6 N (35.4510)	118 35 00.0 W (118.5033)	2292.0	MNLO
WBN	Warburton ..... Western Australia, Australia opened 19780627.	26 08 24.0 S (26.1400)	126 34 40.8 E (126.5780)	457.0	AUST
WBNH	Wolfeboro ..... New Hampshire, U.S.A.	43 36 14.4 N (43.6040)	71 05 56.4 W ( 71.0990)	200.0	
WBO	D Williamsburg ..... Ontario, Canada opened 19801209.	45 00 01.0 N (45.0003)	75 16 30.0 W ( 75.2750)	85.0	ECTN
(WBS)	see international code WBSM				
WBSM	Bird Springs ..... Kern County, California, U.S.A. opened 198004. MNLO code WBS.	35 32 13.2 N (35.5370)	118 08 22.2 W (118.1395)	1932.0	MNLO
WBW	Wilson Butte ..... Washington, U.S.A. opened 197506.	48 01 04.2 N (48.0178)	119 08 13.8 W (119.1372)	826.0	SEA
WCB	D Warramunga Array ..... Northern Territory, Australia opened 196510.	19 56 04.9 S (19.9347)	134 21 23.8 E (134.3566)	366.0	CAN
(WCF)	see international code CFWM				
WCFM	(Alternate Abbreviation for CFWM)				
(WCG)	see international code CGSM				
WCGM	(Alternate Abbreviation for CGSM)				
(WCH)	see international code WCHM				
WCHM	Chimney Peak ..... Tulare County, California, U.S.A. opened 197909. MNLO code WCH.	35 52 58.8 N (35.8830)	118 04 28.8 W (118.0747)	2475.0	MNLO
WCK	Wilson Creek ..... Kentucky, U.S.A. opened 19740719.	36 56 02.4 N (36.9340)	88 52 26.4 W ( 88.8740)	137.0	SLM
WCM	C Warland Creek ..... Montana, U.S.A. 197102-19740711.	48 27 29.9 N (48.4583)	115 06 10.1 W (115.1028)	1704.0	MSO
WCN	Washoe City ..... Nevada, U.S.A. opened 1972.	39 18 38.2 N (39.3106)	119 45 22.7 W (119.7563)	1709.0	REN USTN
(WCO)	see international code WCOM				
WCOM	Cook Peak ..... Kern County, California, U.S.A. opened 197909. MNLO code WCO.	35 37 21.0 N (35.6225)	118 26 15.0 W (118.4375)	1609.0	MNLO
(WCP)	see international code CPTM				
WCPM	(Alternate Abbreviation for CPTM)				
(WCS)	see international code CSSM				
WCSM	(Alternate Abbreviation for CSSM)				
WCTN	F Western Canada Telemetered Network				

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
WCU	Willow Creek ..... Sevier County, Utah, U.S.A. opened 197801.	38 57 52.8 N (38.9647)	112 05 24.0 W (112.0900)	2714.0	SLC
(WCX)	see international code WCXM				
WCXM	China Lake Receiver Site ..... San Bernardino County, California, U.S.A. opened 197808. MNLO code WCX.	35 42 37.8 N (35.7105)	117 35 58.8 W (117.5997)	671.0	MNLO
WD-	(Alternate Abbreviation for WD-MN)				
WD-MN	C Windom ..... Minnesota, U.S.A.	44 06 58.0 N (44.1161)	95 09 18.0 W ( 95.1550)	381.0	LRSN
WDC	Whiskeytown Dam ..... Shasta County, California, U.S.A. opened 19730808.	40 34 48.0 N (40.5800)	122 32 23.0 W (122.5397)	300.0	BRK
WDG	Wollock Dam ..... Georgia, U.S.A. opened 197802.	33 20 38.4 N (33.3440)	83 10 30.7 W ( 83.1752)	177.0	ATL
WDIN	Wadesville ..... Indiana, U.S.A.	38 05 27.0 N (38.0908)	87 42 57.0 W ( 87.7158)	164.0	SLM
WDIS	Woodlark Island ..... D'Entrecasteaux Islands, Papua New Guinea opened 19831121.	9 05 06.0 S ( 9.0850)	152 43 08.0 E (152.7189)	80.0	PMG
WDS	Woodside ..... San Mateo County, California, U.S.A. opened 19661221.	37 25 04.8 N (37.4180)	122 16 19.8 W (122.2722)	280.0	MNLO
WDW	R Wainui Dam ..... North Island, New Zealand opened 19761207.	41 16 07.0 S (41.2686)	174 59 37.0 E (174.9936)	130.0	WELW
WDY	C Woody ..... Kern County, California, U.S.A. 19520805-19700827.	35 42 00.0 N (35.7000)	118 50 36.0 W (118.8433)	500.0	PAS
WEK	C Wewak ..... New Guinea, Papua New Guinea 19681024-196812.	3 25 25.0 S ( 3.4236)	143 41 15.0 E (143.6875)	10.0	PMG
WEL	Wellington ..... North Island, New Zealand opened 1915. WWSS opened 19620517.	41 17 10.0 S (41.2861)	174 46 06.0 E (174.7683)	122.0	WEL WWSS
WELP	F DSIR Pukaki Network, Wellington, NZ				
WELT	F DSIR Tupo Network, Wellington, NZ				
WELW	F DSIR Wellington Network, Wellington, NZ				
WEO	D Welcome ..... Ontario, Canada opened 19820430.	44 01 07.0 N (44.0186)	78 22 28.0 W ( 78.3744)	149.0	ECTN
WER	Werombi ..... New South Wales, Australia opened 1959.	33 57 01.1 S (33.9503)	150 34 48.9 E (150.5802)	226.0	CAN
WES	Weston ..... Massachusetts, U.S.A. opened 193012. WWSS opened 19611122.	42 23 04.9 N (42.3847)	71 19 19.5 W ( 71.3221)	60.0	WES WWSS
WEST	Westmoreland ..... New York, U.S.A.	43 09 48.6 N (43.1635)	75 28 48.0 W ( 75.4800)	167.0	BLMY
WET	Wettzell ..... Bayern, Fed. Rep. of Germany opened 197501.	49 08 43.0 N (49.1453)	12 52 48.1 E ( 12.8800)	613.0	FUR
WEW	Wewak ..... New Guinea, Papua New Guinea 19680911-19681016; reopened and moved slightly 198502.	3 33 16.0 S ( 3.5544)	143 37 33.0 E (143.6258)	10.0	PMG
WF-	(Alternate Abbreviation for WF-MN)				
WF-MN	C Wykoff ..... Minnesota, U.S.A. 19640830-19641124.	43 48 05.0 N (43.8014)	92 22 23.0 W ( 92.3731)	381.0	LRSN
WFF	C Whiting Field-Milton ..... Florida, U.S.A. 1945-1956.	30 42 30.0 N (30.7083)	87 01 00.0 W ( 87.0167)	...	
WFM	Westford ..... Massachusetts, U.S.A. opened 197605.	42 36 38.0 N (42.6106)	71 29 26.0 W ( 71.4906)	88.0	CAM
WGB	Wells Gray ..... British Columbia, Canada opened 19840808.	52 06 07.2 N (52.1020)	119 27 54.0 W (119.4650)	2012.0	OTTR
WGL	Warangal ..... Andhra Pradesh, India opened 19750101.	17 59 06.0 N (17.9850)	79 31 48.0 E ( 79.5300)	280.0	
WGLY	R Wegel ..... New York, U.S.A. opened 19750916.	41 21 32.0 N (41.3589)	73 53 58.0 W ( 73.8994)	152.0	BLMY
WGMA	Westboro ..... Massachusetts, U.S.A.	42 17 20.4 N (42.2890)	71 35 06.0 W ( 71.5850)	130.0	
WGW	Wallila Gap ..... Washington, U.S.A. opened 197110.	46 02 40.8 N (46.0447)	118 55 57.6 W (118.9327)	162.0	SEA
WGZ	U Waimangu ..... North Island, New Zealand 19800820-19831215.	38 17 17.0 S (38.2881)	176 23 13.0 E (176.3869)	440.0	WEL
WH-	(Alternate Abbreviation for WH-YK)				
WH-YK	C Whitehorse ..... Yukon Territory, Canada 19651021-19651115.	60 44 03.0 N (60.7342)	135 08 57.0 W (135.1492)	762.0	LRSN

Code	Station Name	Region and Comments	Latitude	Longitude	Elev.	Networks
WH2	D Whipple Mountains No. 2	San Bernardino County, California, U.S.A. opened 197410.	34 18 52.2 N (34.3145)	114 24 33.0 W (114.4092)	1245.0	PAS
WH2*	(Alternate Abbreviation for WH2YK)					
WH2YK	C Whitehorse	Yukon Territory, Canada 19661124-19691010; 19710926-19711109; 19730509-19730522.	60 41 41.0 N (60.6947)	134 58 02.0 W (134.9672)	853.0	LRSM
WHA	Wahaula	Hawaii, Hawaii, U.S.A. opened 19710302.	19 19 54.0 N (19.3317)	155 02 55.2 W (155.0487)	29.0	HVO
WHB	D Whistler	British Columbia, Canada opened 19811109.	50 07 41.2 N (50.1281)	122 57 19.1 W (122.9553)	695.0	WCTN
WHC	Whitehorse	Yukon Territory, Canada opened 19710901.	60 44 12.0 N (60.7367)	135 05 54.0 W (135.0983)	732.0	OTTR
(WHF)	see international code WHFM					
WHFM	Hanning Flat	Kern County, California, U.S.A. opened 197905. MNLO code WHF.	35 41 46.2 N (35.6962)	118 20 54.6 W (118.3485)	902.0	MNLO
WHI	C Whitney	Hawaii, Hawaii, U.S.A. 1961-1961.	19 25 54.0 N (19.4317)	155 15 42.0 W (155.2617)	1210.0	HVO
WHM	C Wild Horse Parks	Montana, U.S.A. 19740906-19761004.	46 45 43.5 N (46.7621)	113 10 52.4 W (113.1812)	1792.0	MSO
WHN	Wuhan	Hubei, China (Mainland)	30 32 37.0 N (30.5436)	114 21 01.0 E (114.3503)	26.0	BJI
WHNE	Wahoa	Nebraska, U.S.A.	41 14 10.3 N (41.2362)	96 39 09.0 W (96.6525)	381.0	LAK
(WHS)	see international code HWSM					
WHS	(Alternate Abbreviation for HWSM)					
WHU	C Wild Horse	Millard County, Utah, U.S.A. 197410-198110.	39 22 50.0 N (39.3806)	112 10 12.0 W (112.1700)	1993.0	SLC
(WHV)	see international code WHVM					
WHVM	Havilah	Kern County, California, U.S.A. opened 197905. MNLO code WHV.	35 30 36.0 N (35.5100)	118 31 04.2 W (118.5178)	1006.0	MNLO
WHW	Wrights Hill	North Island, New Zealand 19750926-198003; reopened 198302. (Alternate Abbreviation for WI-NV)	41 17 51.0 S (41.2975)	174 44 17.0 E (174.7381)	383.0	WELW
WI-NV	C Winnemucca	Nevada, U.S.A. 19611210-19640303.	41 21 02.0 N (41.3506)	117 27 30.0 W (117.4583)	1524.0	LRSM
WICI	Willow Creek	Idaho, U.S.A. opened 198311.	44 10 30.0 N (44.1750)	113 53 12.0 W (113.8867)	2088.0	SLC
WIH	Wilkes Camp	Hawaii, Hawaii, U.S.A. HVO code WIL.	19 28 09.0 N (19.4692)	155 35 01.2 W (155.5837)	4037.0	HVO
WIL	C Wilkes	Greater Antarctica, Antarctica 1957-19661223.	66 15 33.0 S (66.2592)	110 31 38.0 E (110.5272)	10.0	AUST
(WIL)	see international code WIH					
WIN	Windhoek	Namibia opened 1959. WWSS opened 1962128.	22 34 .. S (22.5667)	17 06 .. E (17.1000)	1728.0	PRE WWSS
WIS	RD Wister	Imperial County, California, U.S.A. opened 197611.	33 16 33.6 N (33.2760)	115 35 34.8 W (115.5930)	-68.0	PAS
WIT	Witteveen	Netherlands (52.8133)	52 48 48.0 N (52.8133)	6 40 06.0 E (6.6683)	17.0	DBN
WITU	Witu Islands	New Britain, Papua New Guinea opened 19831124.	4 41 33.0 S (4.6925)	149 29 21.0 E (149.4892)	100.0	PMG
WIW	Wooded Island	Washington, U.S.A. opened 197007.	46 25 55.8 N (46.4322)	119 17 17.4 W (119.2882)	122.0	SEA
WIZ	White Island	North Island, New Zealand opened 197612.	37 31 42.0 S (37.5283)	177 11 21.0 E (177.1892)	40.0	WEL
(WJP)	see international code WJPM					
WJPM	Jahns Peak	Kern County, California, U.S.A. opened 197905. MNLO code WJP.	35 24 39.0 N (35.4108)	118 28 50.4 W (118.4807)	1122.0	MNLO
WK-	(Alternate Abbreviation for WK-BC)					
WK-BC	C Williams Lake	British Columbia, Canada 19621017-19621027.	52 10 43.0 N (52.1786)	121 58 54.0 W (121.9817)	975.0	LRSM
WKA	Willalooka	South Australia, Australia opened 197903.	36 25 01.2 S (36.4170)	140 19 15.6 E (140.3210)	40.0	ADE
WKB	R White Rock	British Columbia, Canada opened 19811130.	49 02 37.0 N (49.0436)	122 49 05.0 W (122.8181)	110.0	OTTR

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
WKC	C Walker Ridge ..... Humboldt County, California, U.S.A. 19741028-19801105.	40 23 36.0 N (40.3933)	124 17 15.0 W (124.2875)	975.0	BRK
WKC2	Walker Ridge ..... Humboldt County, California, U.S.A. opened 1980105.	40 23 21.0 N (40.3892)	124 17 43.8 W (124.2955)	226.0	BRK
WKE	C Wake ..... Wake Island 1956-1969.	19 18 54.0 N (19.3150)	166 37 36.0 E (166.6267)	5.0	HIG
WKH	Waikii ..... Hawaii, Hawaii, U.S.A. HVO code WAI	19 51 34.8 N (19.8597)	155 39 36.0 W (155.6600)	1433.0	HVO
WKJ	R Wajiki ..... Tokushima, Shikoku, Japan opened 197412.	33 51 35.2 N (33.8598)	134 30 52.8 E (134.5147)	100.0	KYT
WKM	Welkom ..... Orange Free State, South Africa (WKM) see international code WKME	28 00 18.0 S (28.0050)	26 45 42.0 E (26.7617)	1340.0	PRE
WKME	R Wakayama ..... Wakayama, Honshu, Japan opened 19780901. ERIJ code WKM.	34 11 27.3 N (34.1909)	135 10 02.3 E (135.1673)	5.0	ERIJ
WKR	Work Ranch ..... Monterey County, California, U.S.A. opened 19680111. MNLO code PWK.	35 48 52.2 N (35.8145)	120 30 40.2 W (120.5112)	503.0	MNLO
(WKT)	see international code WKT				
WKT	M Kern Tulare ..... Kern County, California, U.S.A. opened 197905. MNLO code WKT. USTN closed.	35 47 38.4 N (35.7940)	118 26 32.4 W (118.4423)	890.0	MNLO USTN
WKU	C Wakaura (Wakayama ERI) ..... Wakayama, Honshu, Japan 195310-19780826.	34 11 16.5 N (34.1879)	135 10 22.7 E (135.1730)	10.0	ERIJ
WKY	Wakayama ..... Wakayama, Honshu, Japan	34 13 36.0 N (34.2267)	135 10 00.0 E (135.1667)	14.0	JMA
WKYJ	Wakayama 2 ..... Wakayama, Honshu, Japan (Alternate Abbreviation for WL-YK)	34 13 12.0 N (34.2200)	135 35 36.0 E (135.5933)	695.0	JMA
WL-					
WL-YK	C Watson Lake ..... Yukon Territory, Canada 19651016-19651115; 19680829-19680911.	60 07 00.0 N (60.1167)	128 45 52.0 W (128.7644)	716.0	LRS
WLA	Wittsburg Lake ..... Arkansas, U.S.A. 197310-19751028; reopened 1980. SLM station before 1980.	35 11 08.3 N (35.1856)	90 42 56.1 W (90.7156)	115.0	TEIC
WLD	Wild Horse Canyon ..... Beaver County, Utah, U.S.A. (WLD) see international code WLDR	38 27 36.6 N (38.4602)	112 51 49.8 W (112.8638)	1804.0	SLCI
WLDR	U Wildhorse ..... Nevado, U.S.A. 197408-197507. REN code WLD.	38 49 24.6 N (38.8235)	118 34 28.9 W (118.5747)	1798.0	REN
WLF	Walferdange ..... Luxembourg WLG	49 39 52.6 N (49.6646)	6 09 08.6 E (6.1524)	...	UCC
WLG	Waldron Ledge ..... Hawaii, Hawaii, U.S.A. opened 19710930. (WLH) see international code WLHM	19 25 29.4 N (19.4248)	155 15 41.4 W (155.2615)	1067.0	HVO
WLHM	R Little Horse ..... Tulare County, California, U.S.A. opened 198407. MNLO code WLH.	36 09 08.4 N (36.1523)	118 18 42.0 W (118.3117)	2676.0	MNLO
WLI	C Wellesley Island ..... New York, U.S.A. 197408-19760816.	44 18 32.4 N (44.3090)	76 00 35.4 W (76.0098)	90.0	PAL
WLK	D Wiest Lake ..... Imperial County, California, U.S.A. opened 197303.	33 03 04.8 N (33.0513)	115 29 26.4 W (115.4907)	-52.0	PAS
WLL	C Williamstown ..... Massachusetts, U.S.A.	42 42 51.0 N (42.7142)	73 12 40.0 W (73.2111)	220.0	
WLM	C Willow Mountain ..... Central Alaska, Alaska, U.S.A. 19720224-19720722.	61 46 25.0 N (61.7736)	145 11 53.0 W (145.1981)	988.0	AGS
WLO	Wilson ..... Oklahoma, U.S.A. opened 19770425. (WLP) see international code WLP	34 03 53.2 N (34.0648)	97 22 11.0 W (97.3697)	284.0	TUL
WLP	Leibel Peak ..... Kern County, California, U.S.A. MNLO code WLP.	35 30 27.6 N (35.5077)	118 24 31.2 W (118.4087)	2265.0	MNLO
WLS	Welschbruch ..... Alsace, France 1963-1964; reopened 1967. (Alternate Abbreviation for WM-AZ)	48 24 46.0 N (48.4128)	7 21 13.0 E (7.3536)	775.0	STR
WM-					
WM-AZ	C Williams ..... Arizona, U.S.A. 19611212-19620503.	35 25 04.0 N (35.4178)	112 12 54.0 W (112.2150)	1920.0	LRS
WMA	West Meso ..... New Mexico, U.S.A.	35 04 19.8 N (35.0722)	106 51 22.8 W (106.8563)	1804.0	NEIS
WML	RD Westmorland ..... Imperial County, California, U.S.A. opened 197611.	33 00 54.7 N (33.0152)	115 37 21.0 W (115.6225)	-44.0	PAS

CODES

Code	Station Name, Region-and Comments	Latitude	Longitude	Elev.	Networks
WMN	C Winnemucca ..... Nevado, U.S.A. 197403-197507.	40 58 48.0 N (40.9800)	117 55 12.0 W (117.9200)	1524.0	REN
WMNY	West Monroe ..... New York, U.S.A.	43 21 21.6 N (43.3560)	76 01 52.8 W ( 76.0313)	158.0	BLMY
WMO	C Wichita Mountains Arroyo ..... Oklahoma, U.S.A. 196111-197106.	34 43 05.0 N (34.7181)	98 35 21.0 W ( 98.5892)	505.0	
WMO	Urumqi (Wulumuchi) ..... Xinjiang, China (Mainland)	43 49 16.0 N (43.8211)	87 41 42.0 E ( 87.6950)	970.0	BJI
WMS	West Middle School ..... South Carolina, U.S.A. opened 19771023.	33 25 33.0 N (33.4258)	80 44 27.0 W ( 80.7408)	...	USGS
WMTN	White Oak Mountain ..... Tennessee, U.S.A. opened 19850724.	35 14 52.8 N (35.2480)	84 58 22.8 W ( 84.9730)	378.0	TVA
WMU	C West Mountain ..... Utah County, Utah, U.S.A. 197312-198108.	40 05 18.0 N (40.0883)	111 49 21.0 W (111.8225)	2053.0	SLC
WMUT	West Mountain ..... Utah County, Utah, U.S.A. opened 198107.	40 04 36.0 N (40.0767)	111 50 00.0 W (111.8333)	1981.0	SLC
WMV	Walker Mountain ..... Virginia, U.S.A.	37 06 30.6 N (37.1085)	80 58 13.8 W ( 80.9705)	1157.0	
WMY	Wakamiya ..... Kochi, Shikoku, Japan opened 19670401.	33 38 31.7 N (33.6421)	133 40 30.2 E (133.6751)	230.0	URS
WN-	(Alternate Abbreviation for WN-SD)				
WN-SD	C Winner ..... South Dakota, U.S.A. 19611208-19630619; 19640607-19641001; 19651025-19661014; 19670803-19671210.	43 15 08.0 N (43.2522)	100 11 46.0 W (100.1961)	792.0	LRSM
WNC	Wilmington ..... North Carolina, U.S.A. opened 19760503.	34 03 29.0 N (34.0581)	78 14 46.0 W ( 78.2461)	20.0	
WND	Windham ..... New York, U.S.A. opened 19761008.	42 20 14.2 N (42.3373)	74 09 09.0 W ( 74.1525)	602.0	PAL
WNH	Whiteface ..... New Hampshire, U.S.A. opened 197601.	43 52 06.0 N (43.8683)	71 23 59.0 W ( 71.3997)	220.0	CAM
(WNM)	see international code WNNM				
WNNM	Nine Mile Canyon ..... Inyo County, California, U.S.A. opened 197509. MNLO code WNM.	35 50 34.2 N (35.8428)	117 54 17.4 W (117.9048)	951.0	MNLO
WNN	Wonn ..... Nebraska, U.S.A.	41 11 23.0 N (41.1897)	96 15 58.0 W ( 96.2661)	387.0	
WNR	C Windsor ..... Ontario, Canada 19780308-19790430.	42 15 30.0 N (42.2583)	83 06 20.0 W ( 83.1056)	-122.0	OTTR
WNW	Wenatchee ..... Washington, U.S.A. opened 197506.	47 31 46.2 N (47.5295)	120 11 39.0 W (120.1942)	1061.0	SEA
WNY	Wilmington ..... New York, U.S.A. opened 197110.	44 23 27.6 N (44.3910)	73 51 34.2 W ( 73.8595)	598.0	PAL
WNZ	C Wairokei ..... North Island, New Zealand 196208-19850927.	38 37 53.0 S (38.6314)	176 06 10.0 E (176.1028)	350.0	WEL
WO-	(Alternate Abbreviation for WO-AZ)				
WO-AZ	C Winslow ..... Arizona, U.S.A. 19640401-19651004.	34 52 53.0 N (34.8814)	110 37 15.0 W (110.6208)	1585.0	LRSM
WOB	Weather Observatory ..... Hawaii, Hawaii, U.S.A.	19 32 18.6 N (19.5385)	155 35 00.6 W (155.5835)	3396.0	HVO
(WOF)	see international code WOFM				
WOFM	Oak Flot ..... Kern County, California, U.S.A. opened 198108. MNLO code WOF.	35 32 08.4 N (35.5357)	118 42 45.0 W (118.7125)	1341.0	MNLO
WOH	Wood Volley ..... Hawaii, Hawaii, U.S.A. HVO code WOO.	19 15 04.8 N (19.2513)	155 30 07.2 W (155.5020)	909.0	HVO
WOL	D Wolverton ..... England, United Kingdom	51 18 45.8 N (51.3127)	1 13 22.1 W ( 1.2228)	...	BKN
WOO	C Woodstock ..... Maryland, U.S.A.	39 20 00.0 N (39.3333)	76 52 30.0 W ( 76.8750)	...	
(WOO)	see international code WOH				
WOR	C Worcester ..... Massachusetts, U.S.A.	42 16 .. N (42.2667)	71 48 .. W ( 71.8000)	203.0	
(WOR)	see international code WORM				
WORM	Onyx Ranch ..... Kern County, California, U.S.A. opened 198107. MNLO code WOR.	35 41 47.4 N (35.6965)	118 14 31.2 W (118.2420)	837.0	MNLO
WP-TX	C Wills Point ..... Texas, U.S.A. 19710318-19720531.	32 36 25.0 N (32.6069)	95 53 10.0 W ( 95.8861)	161.0	LRSM
WPA	C Woody Point ..... Queensland, Australia	27 15 37.0 S (27.2603)	153 15 20.6 E (153.2557)	10.0	

TABLE 1

CODES

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
WPB	Watts Point ..... British Columbia, Canada opened 19830120.	49 39 25.2 N (49.6570)	123 12 34.2 W (123.2095)	273.0	OTTR
WPH	C West Pit ..... Hawaii, U.S.A. 19621031-19710924. HVO code WPT.	19 24 42.0 N (19.4117)	155 17 30.0 W (155.2917)	1115.0	HVO
WPI	Wilson Peak ..... Idaho, U.S.A.	43 17 20.0 N (43.2889)	116 45 00.0 W (116.7500)	...	BSE
WPM	White Pine ..... Michigan, U.S.A. opened 1973.	46 45 05.5 N (46.7515)	89 33 17.7 W ( 89.5549)	193.0	AAM
WPNY	West Park ..... New York, U.S.A. opened 19780522.	41 48 10.8 N (41.8030)	73 58 14.4 W ( 73.9707)	76.0	PAL
WPR	C Ward Pound Ridge ..... New York, U.S.A. 197103-198112.	41 15 16.8 N (41.2547)	73 35 08.4 W ( 73.5857)	152.0	PAL
(WPT)	see international code WPH				
WPZ	C Waipapa Point ..... South Island, New Zealand 19661118-19760920.	46 39 37.0 S (46.6603)	168 50 59.0 E (168.8497)	4.0	WEL
WO-IL	C Watseka ..... Illinois, U.S.A. 19730507-19730522.	40 51 56.0 N (40.8656)	87 35 11.0 W ( 87.5864)	198.0	LRSB
WR-	(Alternate Abbreviation for WR-AR)				
WR-AR	C Walnut Ridge ..... Arkansas, U.S.A. 19611205-19611216.	36 03 30.0 N (36.0583)	91 13 19.0 W ( 91.2219)	122.0	LRSB
WR0	RD Warramunga Array ..... Northern Territory, Australia opened 196510.	19 57 40.7 S (19.9613)	134 32 31.6 E (134.5421)	366.0	CAN
WR1	(Alternate Abbreviation for WRA)				
WR2	D Warramunga Array ..... Northern Territory, Australia opened 196510.	19 56 55.3 S (19.9487)	134 21 49.7 E (134.3638)	366.0	CAN
WR3	D Warramunga Array ..... Northern Territory, Australia opened 196510.	19 57 00.7 S (19.9502)	134 23 18.2 E (134.3884)	366.0	CAN
WR4	Warramunga Array ..... Northern Territory, Australia opened 196510.	19 57 07.2 S (19.9520)	134 24 29.2 E (134.4081)	366.0	CAN
WR5	D Warramunga Array ..... Northern Territory, Australia opened 196510.	19 57 14.8 S (19.9541)	134 26 08.2 E (134.4356)	366.0	CAN
WR6	RD Warramunga Array ..... Northern Territory, Australia opened 196510.	19 57 22.0 S (19.9561)	134 27 20.5 E (134.4557)	366.0	CAN
WR7	RD Warramunga Array ..... Northern Territory, Australia opened 196510.	19 57 24.5 S (19.9568)	134 28 39.4 E (134.4776)	366.0	CAN
WR8	RD Warramunga Array ..... Northern Territory, Australia opened 196510.	19 57 26.6 S (19.9574)	134 30 07.6 E (134.5021)	366.0	CAN
WR9	RD Warramunga Array ..... Northern Territory, Australia opened 196510.	19 57 33.5 S (19.9593)	134 30 59.4 E (134.5165)	366.0	CAN
WRA	D Warramunga Array ..... Northern Territory, Australia opened 196510. also sent to NEIS by BKN.	19 56 39.5 S (19.9443)	134 20 27.2 E (134.3409)	366.0	CAN
WRB	D Warramunga Array ..... Northern Territory, Australia opened 196510.	19 57 39.9 S (19.9611)	134 20 52.1 E (134.3478)	366.0	CAN
WRC	C Williams Ranch ..... Kern County, California, U.S.A. 1952-1953.	35 17 54.0 N (35.2983)	118 36 42.0 W (118.6117)	430.0	PAS
(WRC)	see international code RCWM				
WRCM	(Alternate Abbreviation for RCWM)				
WRD	Worden ..... Washington, U.S.A. opened 197007.	46 58 11.4 N (46.9698)	119 08 36.0 W (119.1433)	379.0	SEA
WRG	White River Glacier ..... Central Alaska, Alaska, U.S.A. opened 19740910.	60 02 16.2 N (60.0378)	142 01 54.0 W (142.0317)	550.0	AGS
WRH	Wood River Hill ..... Central Alaska, Alaska, U.S.A.	64 28 16.8 N (64.4713)	148 05 23.4 W (148.0898)	314.0	GIA
WRM	Warmfontaine ..... Belgium	49 50 00.0 N (49.8333)	5 22 50.0 E ( 5.3806)	242.0	UCC
WRN	Worthington Mountains ..... Nevada, U.S.A. opened 19790608.	37 58 54.0 N (37.9817)	115 35 18.0 W (115.5883)	1760.0	USGS
WRS	Warsak ..... Pakistan	34 09 .. N (34.1500)	71 25 .. E ( 71.4167)	343.0	QUE
(WRV)	see international code RVCM				
WRVM	(Alternate Abbreviation for RVCM)				
WS-	(Alternate Abbreviation for WS-AT)				
WS-AT	C Waterways ..... Alberta, Canada 19651014-19651115; 19680824-19680909.	56 39 34.0 N (56.6594)	111 16 07.0 W (111.2686)	366.0	LRSB

## CODES

TABLE 1

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
WSA	R Woomera ..... South Australia, Australia opened 197306.	31 08 42.0 S (31.1450)	136 48 18.0 E (136.8050)	...	ADE
WSC	C Washington Science Center ..... Maryland, U.S.A. 1965-1972.	39 03 01.8 N (39.0505)	77 07 25.2 W ( 77.1237)	120.0	NEIS
(WSC)	see international code WSCM				
WSCM	Short Canyon ..... Kern County, California, U.S.A. opened 197905. MNLO code WSC.	35 42 15.6 N (35.7043)	117 53 11.4 W (117.8865)	881.0	MNLO
WSH	R Washington Hill ..... Nevada, U.S.A. opened 197803.	39 27 13.7 N (39.4538)	119 38 40.9 W (119.6447)	1762.0	REN
(WSH)	see international code WSHM				
WSHM	R Spongler Hills ..... San Bernardino County, California, U.S.A. opened 198204. MNLO code WSH.	35 37 57.6 N (35.6327)	117 29 30.0 W (117.4917)	780.0	MNLO
WSI	Waingapu ..... Sumba, Nusa Tenggara, Indonesia	9 40 07.8 S ( 9.6688)	120 17 52.2 E (120.2978)	...	DJA
WSIL	West Salem ..... Illinois, U.S.A.	38 29 53.0 N (38.4981)	88 04 30.0 W ( 88.0750)	155.0	SLM
WSN	C Warm Springs ..... Nevada, U.S.A. 1965-1970.	38 23 00.0 N (38.3833)	116 11 30.0 W (116.1917)	1768.0	USGS
WSP	R Warm Springs ..... Los Angeles County, California, U.S.A. opened 198203.	34 35 46.2 N (34.5962)	118 34 43.2 W (118.5787)	1219.0	PAS
WSR	C Warm Springs Repeater ..... Nevada, U.S.A. 1965-1970.	38 11 29.0 N (38.1914)	116 23 56.0 W (116.3989)	1890.0	USGS
WSS	West Ashley ..... South Carolina, U.S.A.	32 50 51.6 N (32.8477)	80 16 19.2 W ( 80.2720)	4.0	USGS
WSTOP	F (keyword for telegraphic format)				
WT-	(Alternate Abbreviation for WT-TN)				
WT-TN	C Wartburg ..... Tennessee, U.S.A. 19630412-19630731.	36 06 35.0 N (36.1097)	84 45 28.0 W ( 84.7578)	427.0	LRSM
WTC	C Watertan ..... Colorado, U.S.A. 197301-19761130.	39 30 51.6 N (39.5143)	105 08 15.0 W (105.1375)	1987.0	GOL
(WTC)	see international code WTCR				
WTCR	R Whites Canyon ..... Nevada, U.S.A. opened 197803. REN code WTC.	39 23 20.4 N (39.3890)	119 50 21.1 W (119.8392)	1890.0	REN
WTR	Waterville--Calby College ..... Maine, U.S.A. opened 195110.	44 38 54.0 N (44.6483)	69 39 20.0 W ( 69.6556)	79.0	
WTS	Winterswijk ..... Netherlands opened 197607.	51 59 44.0 N (51.9956)	6 48 36.0 E ( 6.8100)	43.0	DBN
WTVE	Waterville ..... New York, U.S.A.	42 56 45.6 N (42.9460)	75 19 37.8 W ( 75.3272)	426.0	BLMY
WTW	West Thumb ..... Wyoming, U.S.A. opened 197210. MNLO code YPWT.	44 24 52.2 N (44.4145)	110 34 16.2 W (110.5712)	2365.0	MNLO
WTZ	Whakatane ..... North Island, New Zealand opened 19710602.	37 59 05.0 S (37.9847)	176 59 18.0 E (176.9883)	43.0	WEL
WUC	(Alternate Abbreviation for WHN)				
WUH	Wuhan ..... Hubei, China (Mainland)	30 31 36.0 N (30.5267)	114 33 30.0 E (114.5583)	50.0	
WUW	Wuwei ..... Gansu, China (Mainland)	37 55 42.0 N (37.9283)	102 38 18.0 E (102.6383)	...	
WVLY	West Valley ..... New York, U.S.A. opened 19771103.	42 28 15.0 N (42.4708)	78 34 06.0 W ( 78.5683)	600.0	PAL
(WVP)	see international code VPEM				
WVPM	(Alternate Abbreviation for VPEM)				
WVUT	Wellsville ..... Coche County, Utah, U.S.A. opened 197908.	41 36 36.6 N (41.6102)	111 57 33.0 W (111.9592)	1828.0	SLC
WW-	(Alternate Abbreviation for WW-UT)				
WW-UT	C Wah Wah Mountains ..... Beaver County, Utah, U.S.A. 19630416-19630715; 19680423-19680426.	38 30 50.0 N (38.5139)	113 35 20.0 W (113.5889)	1829.0	LRSM
(WWP)	see international code WWPM				
WWPM	Walker Pass ..... Kern County, California, U.S.A. opened 197905. MNLO code WWP.	35 44 07.8 N (35.7355)	118 05 13.2 W (118.0870)	1151.0	MNLO USTN
WWR	D Whitewater ..... Riverside County, California, U.S.A. opened 197501.	33 59 30.6 N (33.9918)	116 39 21.6 W (116.6560)	702.0	PAS
WWW	C Wewak ..... New Guinea, Papua New Guinea opened 19820929.	3 35 09.0 S ( 3.5858)	143 38 25.0 E (143.6403)	100.0	PMG
WY-	(Alternate Abbreviation for WY-AR)				
WY-AR	C Wynne ..... Arkansas, U.S.A.	35 36 44.0 N (35.6122)	90 42 25.0 W ( 90.7069)	122.0	LRSM
WY0	R (Alternate Abbreviation for WYO)				

TABLE 1

CODES

Code	Station Name	Region and Comments	Latitude	Longitude	Elev.	Networks
WYA	C	Wyangala ..... New South Wales, Australia 1960-1966.	33 55 37.0 S (33.9269)	148 55 25.0 E (148.9236)	...	CAN
WYO		Wyoming Array ..... Wyoming, U.S.A. opened 19770620.	42 46 40.0 N (42.7778)	109 33 20.0 W (109.5556)	2190.0	
WZ-NV	C	Warm Springs ..... Nevado, U.S.A. 19671107-19671210.	38 03 46.0 N (38.0628)	116 26 23.0 W (116.4397)	2073.0	LRSM
XAL		Allendale ..... England, United Kingdom opened 1983.	54 51 42.0 N (54.8617)	2 12 53.0 W ( 2.2147)	462.0	BGS
XAM	F	(keyword for telegraphic format)				
XAN		Xian (Hsian) ..... Shaanxi, China (Mainland)	34 02 22.0 N (34.0394)	108 55 17.0 E (108.9214)	630.0	BJI
XBM	F	(keyword for telegraphic format)				
XCM	F	(keyword for telegraphic format)				
XDE		Dent Fell ..... England, United Kingdom opened 1983.	54 30 21.0 N (54.5058)	3 29 23.0 W ( 3.4897)	291.0	BGS
XDM	F	(keyword for telegraphic format)				
XMI	C	Christmas Island ..... Christmas Island 19760927-19771127.	10 27 18.0 S (10.4550)	105 41 24.0 E (105.6900)	240.0	AUST
XMS	R	Christmas Canyon ..... San Bernardino County, California, U.S.A. opened 198204.	35 31 24.0 N (35.5233)	117 21 16.8 W (117.3547)	704.0	PAS
XPCP	F	(phase code designation)				
XSKS	F	(phase code designation)				
XSO		Saurhope Farm ..... Scotland, United Kingdom opened 1983.	55 29 33.0 N (55.4925)	2 15 04.0 W ( 2.2511)	495.0	BGS
XSTOP	F	(keyword for telegraphic format)				
YA-		(Alternate Abbreviation for YA-WA)				
YA-WA	C	Yokimo ..... Washington, U.S.A. 19630129-19630329.	46 30 00.0 N (46.5000)	119 55 12.0 W (119.9200)	610.0	LRSM
YAG	C	Yagi (Koshiwara) ..... Noro, Honshu, Japan	34 31 .. N (34.5167)	135 48 .. E (135.8000)	63.0	
YAH		Yahise ..... Central Alaska, Alaska, U.S.A. opened 19740905.	60 21 48.0 N (60.3633)	141 44 42.0 W (141.7450)	2135.0	AGS
YAK		Yakutsk ..... Yakutskaya ASSR, R.S.F.S.R., U.S.S.R.	62 01 .. N (62.0167)	129 43 .. E (129.7167)	125.0	MOS
YAL		Yalta ..... Ukrainian S.S.R., U.S.S.R.	44 29 15.0 N (44.4875)	34 09 17.0 E ( 34.1547)	24.0	MOSR
YAM		Yamagata ..... Yamagata, Honshu, Japan	38 15 12.0 N (38.2533)	140 21 00.0 E (140.3500)	151.0	JMA
YAMJ		Yamagata Outpost ..... Yamagata, Honshu, Japan opened 1978.	38 10 24.0 N (38.1733)	140 02 12.0 E (140.0367)	280.0	JMA
YAN		Yangaru ..... New Guinea, Papua New Guinea	3 39 30.0 S ( 3.6583)	143 17 30.0 E (143.2917)	21.0	
YAO	R	Yaqui Meadows ..... San Diego County, California, U.S.A. opened 198103.	33 10 04.8 N (33.1680)	116 21 00.0 W (116.3500)	441.0	PAS
YAS	R	Yuasa ..... Wakayama, Honshu, Japan opened 195301.	34 01 58.0 N (34.0328)	135 10 56.0 E (135.1822)	10.0	ERIJ
(YAS)		see international code YASS				
YASS	R	Yasnny ..... Amurskaya Oblast, R.S.F.S.R., U.S.S.R. MOS code YAS.	53 18 .. N (53.3000)	128 00 .. E (128.0000)	...	MOSR
YAT	C	Yaldymych ..... Tajik S.S.R., U.S.S.R.	39 04 .. N (39.0667)	70 27 .. E ( 70.4500)	...	
YAY	U	Yayoi ..... Aomori, Honshu, Japan 197305-197710.	40 39 25.9 N (40.6572)	140 22 41.5 E (140.3782)	270.0	HRS
YBT		Youssef Ben Tachfine ..... Morocco opened 197402.	29 50 44.0 N (29.8456)	9 29 54.0 W ( 9.4983)	69.0	SPGM
YCB		Yellow Creek Bluff ..... Alaska Peninsula, Alaska, U.S.A. opened 1974.	56 38 54.0 N (56.6483)	158 40 54.0 W (158.6817)	320.0	GIA
YCM		YMCA Camp ..... Montana, U.S.A. 19740806-19761004.	46 31 32.2 N (46.5256)	112 23 39.1 W (112.3942)	1597.0	MSO
YEG	D	Yeguas Mountain ..... San Luis Obispo County, California, U.S.A. opened 197608.	35 26 10.7 N (35.4363)	119 57 33.5 W (119.9593)	939.0	PAS
YER		Yerkesik ..... Turkey opened 1973.	37 08 05.0 N (37.1347)	28 16 58.0 E ( 28.2828)	730.0	ISK
YF-NV	C	Yucca Flat NTS ..... Nevada, U.S.A.	37 04 06.0 N (37.0683)	116 00 07.0 W (116.0019)	1271.0	LRSM
YF2NV	C	Yucca Flat NTS ..... Nevada, U.S.A.	37 04 10.0 N (37.0694)	116 00 44.0 W (116.0122)	1260.0	LRSM
YF3NV	C	Yucca Flat NTS ..... Nevada, U.S.A.	37 04 22.0 N (37.0728)	116 01 27.0 W (116.0242)	1254.0	LRSM

CODES



## CODES

TABLE 1

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
YF4NV	C	Yucca Flat NTS Nevada, U.S.A.	37 04 29.0 N (37.0747)	116 02 12.0 W (116.0367)	1244.0	LRSN
YGI	R	Yagi Wakayama, Honshu, Japan opened 19641017.	34 04 05.2 N (34.0681)	135 30 42.8 E (135.5119)	180.0	KYT
YHJ	R	Yallahs Jamaica	17 53 31.2 N (17.8920)	76 29 34.8 W (76.4930)	300.0	TRN
YHK	R	Yuen Ng Fan Hong Kong opened 197911.	22 22 45.3 N (22.3792)	114 20 07.4 E (114.3354)	87.0	HKC
(YHK)		see international code YHKE				
YHKE	R	Yahiko Niigata, Honshu, Japan opened 197808. ERIJ code YHK.	37 44 01.1 N (37.7336)	138 48 10.9 E (138.8030)	30.0	ERIJ
YIN		Yingkou Liaoning, China (Mainland)	40 40 .. N (40.6667)	122 14 .. E (122.2333)	...	
YJA		Yavi Jujuy, Argentina	22 10 12.0 S (22.1700)	65 30 09.0 W (65.5025)	3535.0	SJA
YKA	D	Yellowknife Array Northwest Territories, Canada opened 1962. Also sent to NEIS by BKN.	62 29 35.6 N (62.4932)	114 36 19.0 W (114.6053)	200.0	OTTR
YKC		Yellowknife Northwest Territories, Canada opened 19640715.	62 28 42.0 N (62.4783)	114 28 24.0 W (114.4733)	198.0	OTT
YKE	R	Yakedake Gifu, Honshu, Japan opened 197801.	36 16 27.3 N (36.2743)	137 34 22.7 E (137.5730)	1160.0	NGY
(YKG)		see international code YKGM				
YKGM		Yakataga Central Alaska, Alaska, U.S.A. 19721008-19740911; 19760602-19780808; reopened 19800922. AGS code YKG.	60 04 12.0 N (60.0700)	142 25 19.8 W (142.4222)	46.0	AGS
YKI	R	Yakaichiba Chiba, Honshu, Japan opened 197904	35 43 06.6 N (35.7185)	140 30 31.7 E (140.5088)	-142.0	CDPJ
YKM		Yaak Montana, U.S.A. opened 19761001.	48 51 43.2 N (48.8620)	115 42 42.0 W (115.7117)	1509.0	
YKS	C	Yaku-shima Ryukyu Islands, Japan	30 27 00.0 N (30.4500)	130 29 48.0 E (130.4967)	15.0	
YKT	C	Yakutat Southeastern Alaska, Alaska, U.S.A. 19721006-19740930.	59 22 07.0 N (59.3686)	138 52 38.0 W (138.8772)	372.0	AGS
YKU		Yakutat Southeastern Alaska, Alaska, U.S.A. (Alternate Abbreviation for ILA)	59 33 13.5 N (59.5537)	139 43 30.0 W (139.7250)	40.0	PMR
YLA		Yalava Turkey opened 1982.	40 34 00.0 N (40.5667)	29 22 22.0 E (29.3728)	892.0	ISK
YM-NV	C	Yucca Mountain Nevada, U.S.A. 19700120-19700424; 19700826-19710811.	36 55 53.0 N (36.9314)	116 33 15.0 W (116.5542)	1341.0	LRSN
YMC		Maple Creek Wyoming, U.S.A. opened 197410. MNLO code YPMC.	44 45 33.5 N (44.7593)	111 00 22.3 W (111.0062)	2073.0	MNLO
YMD	RD	Yuma Desert Arizona, U.S.A. opened 197507.	32 33 16.8 N (32.5547)	114 32 40.8 W (114.5447)	76.0	PAS
YMT1		Yucca Mountain Nevada, U.S.A. USTN closed.	36 51 13.3 N (36.8537)	116 31 45.5 W (116.5293)	1176.0	USGS USTN
YMT2		Yucca Mountain Nevada, U.S.A. opened 19810305.	36 47 07.2 N (36.7853)	116 29 11.4 W (116.4865)	1069.0	USGS
YMT3		Yucca Mountain Nevada, U.S.A.	36 47 13.8 N (36.7872)	116 24 47.4 W (116.4132)	1050.0	USGS USTN
YMT4		Yucca Mountain Nevada, U.S.A. opened 19810401.	36 50 49.8 N (36.8472)	116 27 04.2 W (116.4512)	1256.0	USGS
YMT5		Yucca Mountain Nevada, U.S.A. opened 19810401.	36 53 54.0 N (36.8983)	116 27 13.8 W (116.4538)	1374.0	USGS
YMT6		Yucca Mountain Nevada, U.S.A. opened 19810401.	36 51 30.6 N (36.8585)	116 24 15.6 W (116.4043)	1160.0	USGS
YMZ	R	Yamiza Tochigi, Honshu, Japan opened 19810427.	36 55 26.8 N (36.9241)	140 14 52.4 E (140.2479)	500.0	TOH
(YMZ)		see international code YMZU				
YMZU	R	Yamizo Ibaraki, Honshu, Japan opened 19760618. UTU code YMZ.	36 55 23.4 N (36.9232)	140 14 45.5 E (140.2460)	500.0	UTU
YNB		Natural Bridge Wyoming, U.S.A. opened 197410. MNLO code YPNG.	44 31 28.2 N (44.5245)	110 27 33.5 W (110.4593)	2390.0	MNLO
YNC		Yinchuan Ningxia, China (Mainland)	38 28 30.0 N (38.4750)	106 16 12.0 E (106.2700)	...	
YND		Yaounde Cameroon opened 19820212	3 51 36.0 N (3.8600)	11 27 54.0 E (11.4650)	850.0	QMB

CODES

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
YNT	U	Yunotani ..... Niigata, Honshu, Japan 197011-197303.	37 13 24.0 N (37.2233)	139 00 52.2 E (139.0145)	170.0	ERIJ
YOA	R	Uoyan ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	56 06 .. N (56.1000)	111 48 .. E (111.8000)	...	MOSR
YOJ		Yonaguni-jima ..... Ryukyu Islands, Japan	24 28 .. N (24.4667)	123 01 .. E (123.0167)	32.0	JMA
YOK		Yakahoma ..... Kanagawa, Honshu, Japan moved 192711.	35 26 12.0 N (35.4367)	139 39 18.0 E (139.6550)	38.0	JMA
(YOK)		see international code YOKT				
YOKT	R	Yakaoka ..... Akita, Honshu, Japan opened 19740303. TOH code YOK.	39 09 36.0 N (39.1600)	139 58 48.0 E (139.9800)	260.0	TOH
YON		Yonago ..... Tottori, Honshu, Japan	35 26 00.0 N (35.4333)	133 20 36.0 E (133.3433)	6.0	JMA
YONJ		Yonago 2 ..... Tottori, Honshu, Japan	35 11 18.0 N (35.1883)	133 27 48.0 E (133.4633)	320.0	JMA
YOS	C	Yoshiwara ..... Shizuoka, Honshu, Japan closed 1941.	35 10 .. N (35.1667)	138 41 .. E (138.6833)	...	ERIJ
(YOS)		see international code YOSD				
YOSD	R	Yashimatsu ..... Kagoshima, Kyushu, Japan opened 197804. DRI code YOS.	32 00 02.0 N (32.0006)	130 43 40.0 E (130.7278)	315.0	DRI
YOU		Young ..... New South Wales, Australia opened 19740701.	34 16 42.0 S (34.2783)	148 22 54.0 E (148.3817)	503.0	CAN
YPBR	R	Bridge Bay ..... Wyoming, U.S.A.	44 32 12.0 N (44.5367)	110 26 22.2 W (110.4395)	2383.0	MNLO
(YPCJ)		see international code CJW				
YPCD	R	Denny Creek ..... Montana, U.S.A.	44 42 34.2 N (44.7095)	111 14 22.8 W (111.2397)	2025.0	MNLO
(YPGC)		see international code GCR				
YPGV	R	Grant Village ..... Wyoming, U.S.A.	44 22 51.0 N (44.3808)	110 32 43.2 W (110.5453)	2430.0	MNLO
YPHS	R	Hot Springs Basin ..... Wyoming, U.S.A.	44 45 20.0 N (44.7556)	110 21 14.4 W (110.3540)	2621.0	MNLO
YPLB	R	Lake Butte ..... Wyoming, U.S.A.	44 30 40.8 N (44.5113)	110 16 19.2 W (110.2720)	2565.0	MNLO
(YPMC)		see international code YMC				
(YPMH)		see international code MHS				
(YPMJ)		see international code MJW				
(YPMV)		see international code MVW				
(YPNG)		see international code YNB				
(YPNJ)		see international code NJW				
YPOF		Old Faithful ..... Wyoming, U.S.A. opened 197210.	44 36 21.0 N (44.6058)	111 06 03.0 W (111.1008)	2260.0	MNLO
YPPC	R	Pelican Cone ..... Wyoming, U.S.A.	44 38 50.4 N (44.6473)	110 11 34.8 W (110.1930)	2939.0	MNLO
YPSB	R	Sodo Butte ..... Wyoming, U.S.A.	44 53 02.4 N (44.8840)	110 09 03.6 W (110.1510)	2072.0	MNLO
(YPSG)		see international code SGM				
(YPTC)		see international code YTC				
YPWB	R	West Yellowstone ..... Montana, U.S.A.	44 36 21.0 N (44.6058)	111 06 03.0 W (111.1008)	2310.0	MNLO
(YPWT)		see international code WTW				
(YPWY)		see international code YWY				
YR-		(Alternate Abbreviation for YR-CL)				
YR-CL	C	Yreka ..... Siskiyou County, California, U.S.A. 19651025-19651113; 19670801-19671006; 19680830-19680909.	41 38 07.0 N (41.6353)	122 45 14.0 W (122.7539)	914.0	LRSM
YSA		Yasawa ..... Fiji opened 19840922.	16 41 42.0 S (16.6950)	177 34 30.0 E (177.5750)	33.0	SVA
YSK	C	Yakasuka ..... Kanagawa, Honshu, Japan	35 19 .. N (35.3167)	139 39 .. E (139.6500)	...	
YSM	U	Yashimatsu ..... Kagoshima, Kyushu, Japan 196810-197309.	32 01 36.0 N (32.0267)	130 44 10.0 E (130.7361)	215.0	CDPJ
YSS		Yuzhno-Sakhalinsk ..... Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	47 01 .. N (47.0167)	142 43 .. E (142.7167)	75.0	MOS
YST	U	Yumesaki ..... Hyogo, Honshu, Japan 196910-197206.	35 00 02.9 N (35.0008)	134 37 42.6 E (134.6285)	220.0	DRI
YSTOP	F	(keyword for telegraphic format)				
YTC		Trail Creek ..... Wyoming, U.S.A. opened 197308. MNLO code YPTC.	44 17 47.4 N (44.2965)	110 13 55.2 W (110.2320)	2360.0	MNLO
YUH	R	Yuha Desert ..... Imperial County, California, U.S.A. opened 198106.	32 38 51.6 N (32.6477)	115 55 22.8 W (115.9230)	186.0	PAS
YUK		Yuzhno-Kurilsk ..... Sakhalinskaya Oblast, R.S.F.S.R., U.S.S.R.	44 01 .. N (44.0167)	145 49 .. E (145.8167)	...	SAKL
YUM		Yumen ..... Gansu, China (Mainland)	40 17 48.0 N (40.2967)	97 00 54.0 E (97.0150)	...	
YUO	C	Ia-jima (Iwojima, Yuojima) ..... Bonin Islands, Japan	24 47 .. N (24.7833)	141 19 .. E (141.3167)	...	

Code	Station Name, Region and Comments	Latitude	Longitude	Elev.	Networks
YUP	Yupilleteque ..... Guatemala	14 12 04.8 N (14.2013)	89 48 05.4 W ( 89.8015)	1430.0	GCG
YUS	Yu-shan (Mount Morrison) ..... China (Taiwan)	23 29 ... N (23.4833)	120 57 ... E (120.9500)	3850.0	TAP
YWY	West Yellowstone ..... Montana, U.S.A. opened 197410. MNLO code YPWY.	44 36 21.0 N (44.6058)	111 05 48.5 W (111.0968)	2292.0	MNLO
YYI	Yaongyimsen ..... Nagaland, India opened 1979.	26 34 ... N (26.5667)	94 41 ... E ( 94.6833)	707.0	JHI
YZT	U Yomasaki ..... Hyogo, Honshu, Japan 197010-197206.	35 06 10.9 N (35.1030)	134 30 23.3 E (134.5065)	320.0	DRI
YZU	R Yuzawa ..... Niigata, Honshu, Japan opened 19700127.	36 53 42.6 N (36.8952)	138 46 52.8 E (138.7813)	600.0	ERIJ
(ZA1)	see international code ZKT				
ZAB	Zabrze ..... Poland	50 18 05.0 N (50.3014)	18 47 40.0 E ( 18.7944)	258.0	BYT
ZAG	Zagreb (Agram) ..... Yugoslavia	45 49 ... N (45.8167)	15 59 ... E ( 15.9833)	155.0	
ZAK	Zakamensk ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	50 23 ... N (50.3833)	103 17 ... E (103.2833)	...	MOS
ZAN	Zante ..... Greece	37 39 ... N (37.6500)	20 40 ... E ( 20.6667)	4.0	
ZAV	C Zavalla ..... Texas, U.S.A.	31 07 09.0 N (31.1192)	94 32 43.2 W ( 94.5453)	...	
ZBC	R ..... ...	...	...	...	
(ZBD)	see international code TSE				
ZBP	R Zamboanga ..... Mindanao, Philippines	...	...	...	MAN
ZCZC	(keyword for telegraphic transmission)				
ZEZ	R Zeya ..... Amurskaya Oblast, R.S.F.S.R., U.S.S.R.	53 48 ... N (53.8000)	127 18 ... E (127.3000)	...	MOSR
ZEM	R ..... ...	...	...	...	
ZGN	Zaghuan ..... Tunisia	36 22 30.0 N (36.3750)	10 06 42.0 E ( 10.1117)	720.0	SBS
ZGT	Zonguldak ..... Turkey opened 198001.	41 27 03.0 N (41.4500)	31 45 40.0 E ( 31.7611)	70.0	IST
ZHI	R Ostrov Zhilay ..... Azerbaijan S.S.R., U.S.S.R. MOS code OSZ.	40 18 ... N (40.3000)	50 36 ... E ( 50.6000)	...	MOSR
ZIH	Zihuatanejo ..... Guerrero, Mexico Also sent to NEIS by UNM.	17 36 36.0 N (17.6100)	101 27 45.0 W (101.4625)	5.0	IIM
ZIM	C Zimchurud ..... Tajik S.S.R., U.S.S.R.	38 46 ... N (38.7667)	68 48 ... E ( 68.8000)	...	
ZIN	Mount Zion Church ..... South Carolina, U.S.A. opened 19771023. USTN closed.	33 06 28.2 N (33.1078)	80 09 34.8 W ( 80.1597)	...	USGS USTN
ZIP	R Tsipikan ..... Buryatskaya ASSR, R.S.F.S.R., U.S.S.R.	54 54 ... N (54.9000)	113 18 ... E (113.3000)	...	MOSR
ZIS	Zishin ..... Guatemala opened 1979.	14 02 00.0 N (14.0333)	90 27 18.0 W ( 90.4550)	50.0	GCG
ZKT	R Zakataly ..... Azerbaijan S.S.R., U.S.S.R. MOS code ZA1.	41 36 ... N (41.6000)	46 42 ... E ( 46.7000)	...	MOSR
ZKW	Zi-ko-wei (Hsu-chia-hui) ..... Shanghai, China (Mainland)	31 11 ... N (31.1833)	121 26 ... E (121.4333)	7.0	
ZLP	C Zongo (La Paz) ..... Bolivia 197211-197609.	16 16 12.0 S (16.2700)	68 07 30.0 W ( 68.1250)	4450.0	LPZ HGLP
ZMP	R Zamboanga ..... Mindanao, Philippines opened 19820923.	6 55 10.4 N ( 6.9196)	122 03 48.0 E (122.0633)	...	MAN
ZNH	U Zanaah ..... Israel closed 198304.	31 40 37.2 N (31.6770)	35 00 00.0 E ( 35.0000)	440.0	JER
ZNT	Zur Nathan ..... Israel	32 14 16.8 N (32.2380)	35 01 55.2 E ( 35.0320)	300.0	JER
ZOBO	D Zongo (La Paz) ..... Bolivia opened 197609.	16 16 09.7 S (16.2694)	68 07 26.6 W ( 68.1241)	4398.0	LPZ ASRO
ZON	Zondo ..... San Juan, Argentina	31 32 45.0 S (31.5458)	68 40 43.0 W ( 68.6786)	730.0	ZON
ZOX	C Ground Zero ..... Nevada, U.S.A. 1970-1973.	37 14 09.6 N (37.2360)	116 30 57.6 W (116.5160)	1840.0	USGS
ZSC	C Sheshan (Zose) ..... Shanghai, China (Mainland) closed 19761115.	31 05 48.0 N (31.0967)	121 11 11.0 E (121.1864)	90.0	BJI
ZSP	Son Pablo Dam ..... Contra Costa County, California, U.S.A.	37 56 42.0 N (37.9450)	122 15 24.0 W (122.2567)	119.0	BRK
ZST	Bratislava--Zelezna Studnicka ..... Czechoslovakia opened 1977?	48 11 46.0 N (48.1961)	17 06 09.0 E ( 17.1025)	250.0	BRA

TABLE 1

CODES

Code		Station Name, Region and Comments	Latitude	Longitude	Elev	Networks
ZSTOP	F	(keyword for telegraphic format)				
ZUG		Zugdidi ..... Georgian S.S.R., U.S.S.R.	42 31 .. N (42.5167)	41 53 .. E ( 41.8833)	110.0	MOS
ZUL	D	Zurich--Lageren ..... Switzerland opened 197401.	47 28 53.0 N (47.4814)	8 23 25.0 E ( 8.3903)	740.0	ZUR
ZUR	C	Zurich ..... Switzerland 1911-1975?	47 22 07.2 N (47.3687)	8 34 49.5 E ( 8.5804)	604.0	ZUR
ZZT	C	Zu Zu ..... Tennessee, U.S.A. 197403-197509.	35 21 50.4 N (35.3640)	89 22 19.2 W ( 89.3720)	120.0	SLM
ZZZZ	F	(keyword for telegraphic transmission)				

100 Mile House, British Columbia, Canada (C)	HM-BC	Alert, Northwest Territories, Canada	ALE
413, Nevada, U.S.A. (C)	BUK	Alexander Bay, New York, U.S.A.	ALX
416, Nevada, U.S.A. (C)	LWN	Alexander City, Alabama, U.S.A. (C)	AX-AL
Aachen, Nordrhein-Westfalen, Fed. Rep. of Germany (C)	AAC	Alexander City, Alabama, U.S.A. (C)	AX2AL
Abashiri, Hokkaido, Japan	ABJ	Alexander Valley, California, U.S.A.	GAXM
Abastumani, Georgian S.S.R., U.S.S.R.	ABS	Alfacer, Spain	AFC
Abborrasen, Sweden (R)	ABB	Alfred, New York, U.S.A. (C)	ALF
Abeche, Chad (C)	ABC	Algarabilla, Peru (R)	CHP4
Aberdeen, Scotland, United Kingdom	ABE	Alger-Bauzareah, Algeria	ABA
Aberfoyle, Scotland, United Kingdom	EAB	Algiers, Algeria	ALG
Abington, Pennsylvania, U.S.A. (R)	ABG	Alicahue, Aconcagua, Chile	ALH
Abisko, Sweden (C)	ABK	Alicante, Spain	ALI
Abra de Ilag, Mindoro, Philippines (C)	ABP	Alice Springs, Northern Territory, Australia (C)	ASP
Abu Simbel, Egypt (R)	ASL	Alice Springs, Northern Territory, Australia	ASPA
Abuyama, Honshu, Japan	ABU	Alicudi, Lipori Islands, Italy	ACL
Academy, South Dakota, U.S.A. (C)	AY-SD	Alipore, West Bengal, India	CAL
Acapulca, Guerrero, Mexico	ACX	Alishan, China (Taiwan)	ALS
Acayapa, Nicaragua	ACY	Allagash, Maine, U.S.A.	AGM
Adagdak, Alaska, U.S.A.	ADB	Allegan, Michigan, U.S.A.	ACM
Adak, Alaska, U.S.A. (C)	ADA	Allendale, England, United Kingdom	XAL
Adak, Alaska, U.S.A.	ADK	Alliance, Nebraska, U.S.A. (C)	AI-NB
Adak Island, Alaska, U.S.A. (C)	AD-IS	Alma-Ata, Kazakh S.S.R., U.S.S.R.	AAA
Adami, Israel	ADI	Alma-Ata, Kazakh S.S.R., U.S.S.R.	TLG
Adams, New York, U.S.A. (C)	ADN	Almaden, California, U.S.A.	AMC
Adana, Turkey (R)	ADT	Almeria, Spain	ALM
Addis Ababa, Ethiopia	AAE	Alatau, New Guinea, Papua New Guinea	ALOA
Adeladia, California, U.S.A.	PADM	Alatau, New Guinea, Papua New Guinea (C)	ALOT
Adelaide, South Australia, Australia	ADE	Alsterbro, Sweden (R)	ATR
Adelaide, South Australia, Australia (R)	TWOA	Alta, Utah, U.S.A. (C)	AAU
Adelanto, California, U.S.A.	ADL	Alta Sierra Campground, California, U.S.A.	WASM
Adelie, Greater Antarctica, Antarctica	DRV	Altamira, Para, Brazil	ATB
Adirondack, New York, U.S.A.	RSNY	Alter Ridge, Washington, U.S.A.	ALD
Adabe Valley, California, U.S.A. (U)	AVC	Altintas, Turkey	ALT
Afareaitu, Society Islands, French Polynesia	AFR	Altana, Oklahoma, U.S.A.	ATO
Afiamalu, Samoa Islands	AFI	Altoona, Pennsylvania, U.S.A. (C)	AS-PA
Agalyk, Uzbek S.S.R., U.S.S.R.	AGL	Alushta, Ukrainian S.S.R., U.S.S.R.	ALU
Agartala, Tripura, India	AGT	Amanu, Tuamotu Archipelago, French Polynesia	AMN
Agassiz Lake, Alaska, U.S.A.	AGAM	Amargosa, California, U.S.A.	AMR
Agenahamba, New Guinea, Papua New Guinea (C)	AGE	Amarilla, Texas, U.S.A. (C)	AZ-TX
Aggia Anna, Greece (R)	VAG	Amasugawa 1, Hanshu, Japan (U)	AM1
Agin, Turkey (R)	AGN	Amasugawa 2, Hanshu, Japan (U)	AM2
Agra, Uttar Pradesh, India (C)	AGR	Amatignak Island, Alaska, U.S.A. (C)	AMA
Agram, Yugoslavia	ZAG	Ambar, Pakistan	AMP
Agualva, Azores, Portugal	AGA	Ambahidratampa, Madagascar	OPO
Ahua, Hawaii, U.S.A.	AHA	Amban, Maluku, Indonesia	AAI
Ahuachapan, El Salvador	AHU	Amban, Maluku, Indonesia	AMO
Aibetsu, Hokkaido, Japan (R)	AIB	Ambay, West Virginia, U.S.A. (C)	AB-WV
Aicha, Bayern, Fed. Rep. of Germany	GRB4	Ambulang, Luzan, Philippines	AMB
Aikawa, Hanshu, Japan	AIK	Amchitka, Alaska, U.S.A. (C)	AC-IS
Aileron, Martinique (C)	AIL	Amchitka, Alaska, U.S.A. (C)	AEB
Ainapo, Hawaii, U.S.A.	AIN	Amchitka, Alaska, U.S.A. (C)	ANA
Airport Hangar, New York, U.S.A. (C)	APH	Amchitka, Alaska, U.S.A. (C)	ANB
Airport Road, California, U.S.A.	AARM	Amchitka, Alaska, U.S.A. (C)	AND
Ait Ouada, Morocco (R)	AIT	Amchitka, Alaska, U.S.A. (C)	ASB
Aizawl, Mizoram, India (R)	AZL	Amchitka, Alaska, U.S.A. (C)	ASC
Aizu, Hanshu, Japan (C)	AID	Amchitka, Alaska, U.S.A. (C)	ASD
Ajira, Hanshu, Japan	AJI	Amchitka, Alaska, U.S.A. (C)	AWA
Ajmer, Rajasthan, India	AJM	Amchitka Central A, Alaska, U.S.A. (C)	ACA
Akama, Kyushu, Japan (R)	AKM	Amchitka Central B, Alaska, U.S.A. (C)	ACB
Akakoca, Turkey (R)	AKC	Amchitka Central C, Alaska, U.S.A. (C)	ACC
Akhalkalaki, Georgian S.S.R., U.S.S.R.	AKH	Amchitka Central D, Alaska, U.S.A. (C)	ACD
Akhty, R.S.F.S.R., U.S.S.R. (R)	AKT	Amchitka Central E, Alaska, U.S.A. (C)	ACE
Akita, Hanshu, Japan	AKI	Amchitka Central F, Alaska, U.S.A. (C)	ACF
Akitakoma, Hanshu, Japan (R)	KOMT	Amchitka East, Alaska, U.S.A. (C)	AME
Akkeshi, Hokkaido, Japan (R)	AKK	Amderma, R.S.F.S.R., U.S.S.R. (C)	AMD
Akureyri, Iceland	AKU	Amelia, Umbria, Italy (C)	AMI
Akyazi, Turkey (R)	AKY	Americus, Georgia, U.S.A.	AMG
Alabaster Cavern State Park, Oklahoma, U.S.A.	ACO	Amo, Hanshu, Japan (R)	AMJ
Alama, Nevada, U.S.A.	ALA	Amos, California, U.S.A.	AMS
Alaska Methodist University, Alaska, U.S.A. (C)	AMU	Anabuki, Shikaku, Japan	TSS
Albemarle, North Carolina, U.S.A. (C)	AE-NC	Anacapa Island, California, U.S.A.	AIC
Alberni, British Columbia, Canada	ALB	Anacanda, Montana, U.S.A.	AMM
Albuquerque, New Mexico, U.S.A.	ABO	Ananyev, Kirghiz S.S.R., U.S.S.R. (R)	ANVS
Albuquerque, New Mexico, U.S.A. (R)	ALBO	Anapa, R.S.F.S.R., U.S.S.R.	ANN
Albuquerque, New Mexico, U.S.A.	ALQ	Anchorage, Alaska, U.S.A. (C)	AMU
Albuquerque, New Mexico, U.S.A.	ANMO	Anchorite, Nevada, U.S.A. (U)	ANCR
Alcan, Alaska, U.S.A.	ALC	Ancon, Peru (R)	PPT0
Alder Creek, Alaska, U.S.A. (R)	ACK	Ancono, Marche, Italy	ANS
Alder Peak, California, U.S.A.	PAPM	Andalgala, Cotamarca, Argentina (C)	ANL
Alder Springs, California, U.S.A.	GAS	Anderson, Tennessee, U.S.A.	ANTN

Anderson Reservoir, California, U.S.A.	ADR	Arto Observatory, Djibouti	ARO
Andhra, Andhra Pradesh, India	VIS	Arti, R.S.F.S.R., U.S.S.R.	ARU
Andizhon, Uzbek S.S.R., U.S.S.R.	ANR	Arvin, California, U.S.A. (R)	ARVC
Anegada, Virgin Islands	ABV	Asahikawa, Hokkaido, Japan	ASA
Angarakon, R.S.F.S.R., U.S.S.R. (R)	ANKS	Asahikawa Outpost, Hokkaido, Japan	ASAJ
Angavokely, Madagascar	AVY	Asama, Hanshu, Japan	ASM
Angel Island, California, U.S.A.	AGC	Asama Observatory, Hanshu, Japan (R)	AVOE
Angel's Peak, Nevada, U.S.A. (C)	APK	Asorigawa Hot Spring, Hokkaido, Japan (C)	AHS
Angela, Montana, U.S.A. (C)	AN-MA	Ascoli Picena, Marche, Italy	ALP
Angels Peak, Nevada, U.S.A.	APKW	Aserradero, Nicaragua (C)	ASE
Angra do Heroismo, Azores, Portugal	ADH	Asheville, North Carolina, U.S.A.	AVNC
Angren, Uzbek S.S.R., U.S.S.R. (R)	ANE	Ashizuri, Shikoku, Japan	ASZ
Aniakchak, Alaska, U.S.A. (R)	ANI	Ashkhabad, Turkmen S.S.R., U.S.S.R.	ASH
Ankara, Turkey	ANK	Ashland, Oregon, U.S.A. (R)	ALO
Ankara, Turkey	ANTO	Askoy, Norway	ASK
Ann Arbor, Michigan, U.S.A.	AAM	Aso, Kyushu, Japan (C)	ASO
Anna, Ohio, U.S.A.	AN1	Asosan, Kyushu, Japan	ASJ
Anna, Ohio, U.S.A.	AN10	Assisi, Umbria, Italy	ASS
Anna, Ohio, U.S.A.	AN11	Astor Pass, Nevada, U.S.A. (R)	APNR
Anno, Ohio, U.S.A.	AN12	Astrida, Rwanda (C)	AST
Anna, Ohio, U.S.A.	AN3	Astrida, Rwanda (C)	BTR
Anna, Ohio, U.S.A.	AN4	Aswan, Egypt	ASW
Anna, Ohio, U.S.A.	AN7	Ator, Djibouti	ATA
Anna, Ohio, U.S.A.	AN8	Athens Observatory, Greece	ATH
Anna, Ohio, U.S.A.	AN9	Atico, Peru	ATI
Annsville, New York, U.S.A.	ANNS	Atka, Alaska, U.S.A. (C)	AA-IS
Anpu, China (Taiwan)	ANP	Atlanta, Georgia, U.S.A.	ATL
Antonanarivo, Madagascar	TAN	Atoka, Oklahoma, U.S.A. (C)	AK-OK
Antarctic, Antarctic Peninsula, Antarctica (C)	ANC	Atsumi, Hanshu, Japan (R)	ATM
Antelope Grade, California, U.S.A.	PAGM	Attachie, British Columbia, Canada (C)	ATC
Antelope Island, Utah, U.S.A.	ANU	Attica, New York, U.S.A. (C)	ATT
Antelope Range, Utah, U.S.A.	ARUT	Auburn, Nebraska, U.S.A.	ABN
Antelope Valley, California, U.S.A.	BAVM	Auburn, New York, U.S.A.	ABRN
Anticline Ridge, California, U.S.A.	PARM	Auburn Dam, California, U.S.A.	ADC
Antigua, Antigua, Antigua and Barbuda	ANG	Auburntown, Tennessee, U.S.A.	ABTN
Antigua, Antigua, Antigua and Barbuda (C)	AWI	Auchinoan, Scotland, United Kingdom	EAU
Antioch, California, U.S.A.	CACM	Auckland, North Island, New Zealand	AUC
Antlers, Oklahoma, U.S.A. (C)	AL-OK	Augusta, Maine, U.S.A. (C)	AG-ME
Antofagasta, Antofagasta, Chile	ANT	Augustine Island, Alaska, U.S.A. (C)	AGI
Anvil Mountain, Alaska, U.S.A.	ANV	Augustine Island, Alaska, U.S.A. (R)	AU2
Anzor Road, California, U.S.A.	ANZ	Augustine Island, Alaska, U.S.A. (R)	AUE
Aobayama, Hanshu, Japan (R)	AOB	Augustine Island, Alaska, U.S.A.	AUF
Aomori, Hanshu, Japan	AOM	Augustine Island, Alaska, U.S.A.	AUH
Aomori Outpost, Hanshu, Japan	AOMJ	Augustine Island, Alaska, U.S.A.	AUI
Aou, Shikoku, Japan (R)	AOU	Augustine Island, Alaska, U.S.A.	AUL
Apache, Oklahoma, U.S.A. (C)	AP-OK	Augustine Island, Alaska, U.S.A.	AUM
Apakhanchich, R.S.F.S.R., U.S.S.R. (R)	APN	Auke Bay, Alaska, U.S.A.	ABF
Apatity, R.S.F.S.R., U.S.S.R.	APA	Auki, Solomon Islands	AUK
Apeiranthos of Naxos, Greece	APE	Aurakhmat, Tajik S.S.R., U.S.S.R. (C)	AUR
Apia, Samoa Islands	API	Aurora, Wisconsin, U.S.A. (C)	AR-WS
Apayeque, Nicaragua	APY	Austin, Nevada, U.S.A. (C)	AT-NV
Appelbo, Sweden	APO	Austin, Texas, U.S.A.	ATX
Arakawa, Hanshu, Japan (R)	K06	Austin, Texas, U.S.A. (C)	AUS
Aral, Kirghiz S.S.R., U.S.S.R. (R)	ARLS	Avacha, R.S.F.S.R., U.S.S.R. (R)	AVH
Arapuni, North Island, New Zealand (C)	ARA	Averroes, Morocco	AVE
Arcata, California, U.S.A.	ARC	Avery Point, Connecticut, U.S.A. (C)	APT
Arcavacata, Calabria, Italy	ACI	Avon, New South Wales, Australia	AVO
Arcevia, Marche, Italy	ARV	Avril sur Loire, Nivernais, France	AVF
Archignac, Limousin, France (C)	ARH	Ayacuchao, Peru (R)	PP07
Arctic Valley, Alaska, U.S.A.	PMS	Ayacucho, El Salvador (C)	AYA
Arctowski Station, South Shetland Islands, Antarctica	AAS	Ayenquera, Peru	AYE
Ardmore, Oklahoma, U.S.A. (C)	AM-OK	Ayseler, Turkey (R)	AYS
Arecibo, Puerto Rico	APR	Azai, Hanshu, Japan (R)	AZJ
Arequipa, Peru	ARE	Bac-Giang, Vietnam	BGV
Arette, Bearn, France	ATE	Bacau, Romania	BAC
Argan-Ata, Turkmen S.S.R., U.S.S.R. (R)	AGAS	Bacolet, Tobago, Trinidad and Tobago	BOT
Argentine Island, Antarctic Peninsula, Antarctica	AIA	Bad Reichenhall, Bayern, Fed. Rep. of Germany	BHG
Arges, Romania	ARR	Badger Mountain, Washington, U.S.A.	BDG
Argonne, Wisconsin, U.S.A. (C)	AO-WS	Baghdad, Iraq	BHD
Arica, Tarapaco, Chile	ARI	Bagneres de Bigorre, Gascogne, France (C)	BDB
Arida, Hanshu, Japan	ARD	Bagni di Lucca, Toscana, Italy	BDI
Arif, Turkey (R)	ARF	Bagra, Pakistan	BGP
Arison, China (Taiwan)	ALS	Baguio, Luzon, Philippines	BAF*
Arizona State University, Arizona, U.S.A.	ASU	Baguio City, Luzon, Philippines	BAG
Arkhangelos, Greece	ARG	Baguio Weather Station, Luzon, Philippines (R)	BWP
Arkhit, Kirghiz S.S.R., U.S.S.R. (R)	ARK	Bahia de Los Angeles, Baja California, Mexico	LAX
Armidale, New South Wales, Australia	COO	Baro More, Romania	BMR
Arnold Ranch, California, U.S.A.	ARN	Bailadares, Venezuela (C)	BLV
Arshon, R.S.F.S.R., U.S.S.R.	ARS	Bailey Peak, Utah, U.S.A. (R)	BAP
Arto, Djibouti (C)	ART	Bakacak, Turkey	BKT

Bakel, Senegal	BKL	Bat Shelomo, Israel (C)	BTI
Baker Lake, Northwest Territories, Canada	BLC	Batagay, R.S.F.S.R., U.S.S.R. (R)	BTGS
Bakersfield, California, U.S.A. (C)	BF-CL	Batavia, Jawa, Indonesia	DJA
Bakhtoran, Iran	KER	Batelco, Luzon, Philippines (R)	BTP
Baku, Azerbaijan S.S.R., U.S.S.R.	BAK	Bates, Oregon, U.S.A. (C)	BT-OR
Bakuriani, Georgian S.S.R., U.S.S.R.	BKR	Bath County 1, Virginia, U.S.A.	BV1
Balboa Heights, Panama (C)	BHP	Bath County 2, Virginia, U.S.A.	BV2
Bald Eagle, District of Columbia, U.S.A. (C)	BED	Bath County 3, Virginia, U.S.A.	BV3
Bald Knob, Arkansas, U.S.A. (C)	BK-AR	Bath County 4, Virginia, U.S.A.	BV4
Bald Peter, Oregon, U.S.A.	VBPM	Batken, Kirghiz S.S.R., U.S.S.R. (R)	BTk
Baldino, Amazonas, Brazil (R)	BLB	Battle Mountain, Nevada, U.S.A.	BMN
Baldo, Veneto, Italy (R)	BALI	Bavra, Armenian S.S.R., U.S.S.R. (R)	BAW
Baldwin, Wisconsin, U.S.A. (C)	BA-WS	Baw Faw Mountain, Washington, U.S.A.	BFW
Baldy, Alaska, U.S.A.	BALM	Bayanday, R.S.F.S.R., U.S.S.R. (C)	BAY
Baleine		Bayfords, Saint Christopher, Saint Christopher-Nevis	SKI
Saint Vincent, St. Vincent and the Grenadines (R)	SVL	Bayram-Ali, Turkmen S.S.R., U.S.S.R. (C)	BAT
Balikpapan, Kalimantan, Indonesia (C)	BKB	Bear Butte, California, U.S.A.	KBBM
Balikpapan, Kalimantan, Indonesia	BKB2	Bear Canyon, Utah, U.S.A. (C)	BCU
Ballidu, Western Australia, Australia	BAL	Bear Creek Road, California, U.S.A.	LT15
Ballon de Servance, Franche Comte, France	BSF	Bear Gulch, California, U.S.A.	BGH
Balmorhea, Texas, U.S.A. (C)	BM-TX	Bear Mountain, California, U.S.A.	BMTc
Baltimore, Vermont, U.S.A.	BLVT	Bear River Range, Idaho, U.S.A.	BEI
Bamboo St. Ann, Jamaica	BBJ	Bear Valley, California, U.S.A.	BVL
Banawang, Luzon, Philippines	BNP	Bear Valley Observatory, California, U.S.A. (C)	BVC
Bancas Point, Alaska, U.S.A.	BCPM	Beatrice, Nebraska, U.S.A.	BENE
Banda Aceh, Sumatera, Indonesia	BSI	Beatty, Nevada, U.S.A. (C)	BEA
Bandirma, Turkey	BNT	Beatty, Nevada, U.S.A. (C)	BTY
Bandung, Jawa, Indonesia (C)	BND	Beaver, Pennsylvania, U.S.A. (R)	BVR
Banff, Alberta, Canada (C)	BAN	Beaver Butte, Oregon, U.S.A.	VBEM
Bangar, Maine, U.S.A. (C)	BG-ME	Beaver Lake, Utah, U.S.A.	BVK
Bangor, New York, U.S.A.	BGR	Beaver Lake Mountains, Utah, U.S.A.	BKU
Bangui, Central African Republic	BCAO	Beckley, West Virginia, U.S.A. (C)	BL-WV
Bangui, Central African Republic	BNG	Bedford, Pennsylvania, U.S.A. (C)	BD-PA
Banja Luka, Yugoslavia	BLY	Beebe Ranch, California, U.S.A.	BBR
Boatou, Inner Mongolia, China (Mainland)	BTO	Beibei, Sichuan, China (Mainland)	PEH
Baptist College of Charleston, South Carolina, U.S.A.	BCS	Beijing, Beijing, China (Mainland)	BJI
Bar Giyyara, Israel (R)	BGIO	Beijing, Beijing, China (Mainland) (C)	BJI2
Barbados, Barbados	BDS	Belacker, Alsace, France	BAF
Barbados, Barbados (C)	BRB	Belford, Saint Lucia	SLB
Barbers Black, Dominica	BBL	Belgrade, Yugoslavia	BEO
Barbuda, Barbuda, Antigua and Barbuda	BWI	Bell Springs, California, U.S.A.	KBSM
Barcelona, Spain	FBR	Belle Prairie, Illinois, U.S.A.	BPIL
Bare Mountain, Nevada, U.S.A.	BRO	Bellevue, Florida, U.S.A. (C)	BE-FL
Bari, Puglia, Italy	BAL	Belleville, Pennsylvania, U.S.A. (C)	BV-PA
Bari-Castellana, Puglia, Italy	BRT	Bellevue, Martinique (R)	BVM
Barilache, Rio Negro, Argentina (R)	BNA	Bellevue State Park, Delaware, U.S.A.	BVD
Baring Head, North Island, New Zealand (R)	BHW	Belfield, Victoria, Australia	BFD
Barley Canyon, New Mexico, U.S.A. (C)	BRC	Bellingham, Washington, U.S.A. (C)	BLL
Barnard House		Belluno, Veneta, Italy	VAJ
Saint Vincent, St. Vincent and the Grenadines	BHS	Bellville, Cape Province, South Africa	BLE
Baronissi, Campania, Italy	BSS	Belmont	
Barra Mansa, Rio de Janeiro, Brazil	BMA	Saint Vincent, St. Vincent and the Grenadines	SVB
Barrage Ibn Battouta, Morocco	BBT	Belagorka, Kirghiz S.S.R., U.S.S.R. (R)	BGK
Barrage Idriss Premier, Morocco	IDR	Belsk, Poland (C)	BEL
Barrage Kaelnbrein, Austria	KBA	Belted Range, Nevada, U.S.A.	BLT
Barrage Mansour Eddahbi, Morocco	BME	Belvue, Kansas, U.S.A.	BEK
Barrage Mohamed Ben Abdellah, Morocco	BMB	Bemidji, Minnesota, U.S.A.	BEM
Barrage el Makhazine, Morocco	BMK	Bench, Alaska, U.S.A.	BEH
Barreal, San Juan, Argentina (R)	RTBS	Benevento, Campania, Italy (C)	BNV
Barrett, California, U.S.A.	BAR	Bengkulu, Sumatera, Indonesia (R)	BGI
Barrette, Hawaii, U.S.A. (C)	BAH	Beni-Abbes, Algeria	BAB
Barria Florida, Puerto Rico (C)	PWP	Benn Knob, North Carolina, U.S.A.	BENN
Barrow, Alaska, U.S.A.	BRV	Bensberg, Nordrhein-Westfalen, Fed. Rep. of Germany	BNS
Barrow, Alaska, U.S.A.	BRW	Beograd, Yugoslavia	BEO
Barry Inlet, British Columbia, Canada (R)	BNB	Beppu, Kyushu, Japan (C)	BEP
Barry Ridge, California, U.S.A.	KBRM	Bergen, Norway	BER
Barter Island, Alaska, U.S.A. (C)	BI1	Bergen Park, Colorado, U.S.A.	GOL
Barter Island, Alaska, U.S.A. (C)	BI2	Berggiesshubel, German Dem. Rep.	BRG
Barter Island, Alaska, U.S.A. (C)	BI3	Bergheim, Nordrhein-Westfalen, Fed. Rep. of Germany	BEG
Barter Island, Alaska, U.S.A. (C)	BI4	Bering, R.S.F.S.R., U.S.S.R.	BKI
Basco, Batan Islands, Philippines	BAP*	Berkeley--Byerly, California, U.S.A.	BKS
Basco, Batan Islands, Philippines (R)	BBP	Berkeley--Haviland, California, U.S.A.	BRK
Basel, Switzerland (C)	BAS	Berlin, New York, U.S.A.	BERL
Basel--Blauen, Switzerland	BBS	Berlin, New Hampshire, U.S.A.	BNH
Basin Creek, Montana, U.S.A. (C)	BCM	Berlin, Pennsylvania, U.S.A. (C)	BR-PA
Basle, Switzerland (C)	BAS	Berlin, Berlin (West), Fed. Rep. of Germany	BRN
Basra, Iraq (R)	BSR	Berlin--Free University	
Basse Terre, Guadeloupe	BTG	Berlin (West), Fed. Rep. of Germany	BRL
Bassetti Ranch, California, U.S.A.	PBRM	Bermuda--Columbia, Bermuda	BEC
Bat Cave Butte, California, U.S.A. (R)	BATC	Bermuda--Navy, Bermuda (C)	BEN

Bernadio, Friuli-Venezia Giulia, Italy	BAD	Blanchard Spring, Arkansas, U.S.A. (R)	BLS
Bernard Price Institute, Johannesburg		Blanding, Utah, U.S.A. (C)	BX-UT
Transvaal, South Africa	BPI	Blewett, Washington, U.S.A. (C)	BW-WA
Bernie, Missouri, U.S.A. (C)	BRM	Bloemfontein, Orange Free State, South Africa	BLF
Berrybush, Wales, United Kingdom (R)	BYB	Bloomer Hill, California, U.S.A.	OBHM
Berryessa Peak, California, U.S.A.	NBPM	Bloomfield, Iowa, U.S.A. (C)	BY-IO
Berryman, Missouri, U.S.A. (C)	BRR	Bloomington, Indiana, U.S.A.	BLO
Bertell Ranch, California, U.S.A. (R)	BRTC	Bloomsburg, Pennsylvania, U.S.A. (C)	BB-PA
Bertha Hill, Idaho, U.S.A. (C)	BHI	Blowhole, Tennessee, U.S.A.	BHT
Besancon, Franche Comte, France	BES	Blue Mountain, Alaska, U.S.A.	BLM
Besbaro Island, Alaska, U.S.A. (R)	BBO	Blue Mountain Lake, New York, U.S.A. (C)	BML
Bet Guvrin, Israel	GV1	Blue Mountains Array, Oregon, U.S.A. (C)	BMO
Bethel, Alaska, U.S.A. (C)	BET	Blue Ridge, California, U.S.A.	BLU
Bethel, Kentucky, U.S.A.	BETH	Blue Ridge Broadcasting Company	
Bethel, Oklahoma, U.S.A.	BHO	North Carolina, U.S.A.	BRBC
Bethel, Alaska, U.S.A. (C)	BO-AK	Bluenose, California, U.S.A.	KBNM
Bettbrunn, Bayern, Fed. Rep. of Germany	GRC3	Blum, New York, U.S.A. (R)	BLMY
Beverley, Jamaica (C)	BEV	Blyn Mountain, Washington, U.S.A.	BLN
Bhakra, Punjab, India	BHK	Boaco, Nicaragua	BOA
Bhannes, Lebanon	BHL	Bob Jouregui Ranch, California, U.S.A.	ABJM
Bhuj, Gujarat, India	BHJ	Bob Quinn Lake, British Columbia, Canada	BOB
Bhumibol Dam, Thailand	BOT	Babrof, Alaska, U.S.A.	AK4
Bialla, New Britain, Papua New Guinea	BIAL	Bachum, Nordrhein-Westfalen, Fed. Rep. of Germany	BOC
Bicaz, Romania	BIZ	Bachum—University	
Bidston, England, United Kingdom (C)	BID	Nordrhein-Westfalen, Fed. Rep. of Germany	BUG
Big Bear, California, U.S.A. (C)	BBC	Bacana, Venezuela (R)	BCV
Big Bend, Idaho, U.S.A. (C)	BB1	Badayba, R.S.F.S.R., U.S.S.R.	BOD
Big Bend, Montana, U.S.A. (C)	BBM	Badie, California, U.S.A. (U)	BODR
Big Butte, Nevada, U.S.A.	BCB	Badon, R.S.F.S.R., U.S.S.R.	BDN
Big Chuckwalla Mountains No. 2, California, U.S.A.	BC2	Boehmfeld, Bayern, Fed. Rep. of Germany	GRC2
Big Creek, Nevada, U.S.A. (C)	BGN	Bogdanavka, Georgian S.S.R., U.S.S.R.	BGD
Big Creek Baldy, Montana, U.S.A. (C)	BCB	Baggs Mountain, California, U.S.A.	GBGM
Big Darby, California, U.S.A.	GBDM	Baggy Peak, Antigua, Antigua and Barbuda	BPA
Big Dutch Hollow, Utah, U.S.A.	BDU	Bagi-Zagan, Tajik S.S.R., U.S.S.R. (R)	BZN
Big Grassy Butte, Idaho, U.S.A.	GB1	Bagong, Victoria, Australia (C)	BOV
Big Hill, North Island, New Zealand (R)	BLW	Bagota, Colombia	BOCO
Big Lost River, Idaho, U.S.A. (C)	LRI	Bagota, Colombia	BOG
Big Maria Mountains, California, U.S.A. (C)	BMM	Bahacartia, Bearn, France	BOH
Big Mountain, California, U.S.A.	BBGM	Bais Riant Capesterre, Guadeloupe	BCG
Big Mountain, Alaska, U.S.A.	BGM	Bois d'Agland, Bourbonnais, France	BGF
Big Mountain, Alaska, U.S.A. (C)	BIG	Baise, Idaho, U.S.A.	BSE
Big Muddy Lake, Saskatchewan, Canada	BMS	Baisen, New Britain, Papua New Guinea (R)	BO1
Big Stone Gap, Virginia, U.S.A. (C)	BI-VA	Bakara, Bihar, India	BOK
Bigfork, Montana, U.S.A.	BFM	Baldzhuan, Tajik S.S.R., U.S.S.R. (R)	BLD
Bigot, Martinique	BIM	Balinger Road, California, U.S.A.	BGC
Billings, Montana, U.S.A. (C)	BS-MA	Balogna, Emilia-Romagna, Italy	BOL
Bingham Canyon, Utah, U.S.A. (R)	BIU	Balzana, Trentino-Alto Adige, Italy	BLZ
Binghamton, New York, U.S.A.	BING	Bambay, Maharashtra, India	BOM
Binghamton, New York, U.S.A.	BNY	Bamdila, Arunachal Pradesh, India (R)	BMI
Bingley Moor, England, United Kingdom (R)	BMV	Bamnak, R.S.F.S.R., U.S.S.R. (R)	BMKS
Binza, Zaire (C)	BIN	Bamura, Honshu, Japan (R)	BHOK
Biorka, Alaska, U.S.A. (C)	BIO	Bands Corner, California, U.S.A.	BON
Birch Hill, Alaska, U.S.A. (C)	BRH	Banneval, Savoie, France (R)	BOF
Bird Springs, California, U.S.A.	WBSM	Boorawa, New South Wales, Australia	BWA
Birlad, Romania	BIR	Baracho Peak, Texas, U.S.A.	MT1
Bishop, California, U.S.A. (C)	BP-CA	Bardano, Friuli-Venezia Giulia, Italy	BOO
Bismark Peak, Nevada, U.S.A.	BIS	Bordesti, Romania	BRD
Bitterwater Creek, California, U.S.A.	BTW	Barga San Lorenzo, Toscana, Italy	BSL
Black Butte, New Mexico, U.S.A. (C)	BBN	Barga Val di Tara, Emilia-Romagna, Italy	BVT
Black Butte, Montana, U.S.A. (C)	BLK	Barland Lodge, South Island, New Zealand	BRZ
Black Canyon North, California, U.S.A.	BCHM	Barrego Mountain, California, U.S.A. (R)	BRGC
Black Fox, California, U.S.A.	LBFM	Barzhami, Georgian S.S.R., U.S.S.R. (C)	BOR
Black Hill, Scotland, United Kingdom	EBH	Bosque Alegre, Cordoba, Argentina (C)	BOS
Black Hills, South Dakota, U.S.A.	RSSD	Bougainvillea, Guatemala	BVG
Black Mountain, California, U.S.A. (R)	BLKC	Boulder, Wyoming, U.S.A.	BDW
Black Mountain, California, U.S.A. (R)	BMRR	Boulder, Colorado, U.S.A. (C)	BO1
Black Mountain, Nevada, U.S.A. (C)	BMT*	Boulder, Colorado, U.S.A. (C)	BOU
Black Mountain, Nevada, U.S.A.	BMTN	Boulder City, Nevada, U.S.A. (C)	BCN
Black Mountain, Utah, U.S.A.	BMUT	Boulder Dam, Arizona, U.S.A. (C)	BDA
Black Mountain, California, U.S.A.	JBMM	Boundary Peak, Nevada, U.S.A. (R)	BNPN
Black Oak, California, U.S.A.	GBOM	Boundary Peak, Nevada, U.S.A.	BONR
Black Peak, Arizona, U.S.A. (C)	BPK	Bauntiful Peak, Utah, U.S.A. (C)	BPU
Black Rapids, Alaska, U.S.A.	BLR	Bawen Island, British Columbia, Canada	BIB
Black River, Jamaica (C)	BRJ	Bawling Green, Kentucky, U.S.A.	BGKY
Blackbird State Forest, Delaware, U.S.A.	BBD	Bawling Green, Ohio, U.S.A.	BGO
Blackburn, England, United Kingdom (C)	STO	Bawman, South Carolina, U.S.A.	BOW
Blacknest, England, United Kingdom (R)	BKN	Bawman Hall, Kentucky, U.S.A.	BHKY
Blacksburg, Virginia, U.S.A.	BAV	Bax Canyon, Nevada, U.S.A. (R)	BOX
Blacksburg, Virginia, U.S.A.	BLA	Bayer Ranch, Nevada, U.S.A. (R)	BYX
Blanchard Fire Station, California, U.S.A.	MBFM	Bazeman, Montana, U.S.A. (C)	BOZ



Bozemon, Montana, U.S.A. (C) .....	BZE	Butler Peak, California, U.S.A. (R) .....	BTI
Bozeman, Montana, U.S.A. (C) .....	BZM	Buton, Sulawesi, Indonesia .....	BTNI
Bradley Lake, Alaska, U.S.A. ....	BRLE	Butte, Montana, U.S.A. ....	BUT
Bradley Lake NE, Alaska, U.S.A. (C) .....	BRNE	Buttle Lake, British Columbia, Canada .....	BTB
Bradley Lake NW, Alaska, U.S.A. (C) .....	BRNW	Butuan, Mindanao, Philippines (C) .....	BTN
Bradley Lake SE, Alaska, U.S.A. (C) .....	BRSE	Buzias, Romania (R) .....	BZS
Bradley Lake SW, Alaska, U.S.A. (C) .....	BRSW	Buzzard Lagoon Road, California, U.S.A. ....	JBZM
Branch Mountain, California, U.S.A. (R) .....	BCH	Byrd, Lesser Antarctica, Antarctica (C) .....	BYR
Brandywine Creek State Park, Delaware, U.S.A. ....	BWD	Byrd—Stanford Research Institute	
Brasilia, Distrito Federal, Brazil .....	BAE	Lesser Antarctica, Antarctica (C) .....	BY1
Brasilia, Distrito Federal, Brazil .....	BDF	Byrd—Stanford Research Institute	
Brasilia, Distrito Federal, Brazil (R) .....	BDFB	Lesser Antarctica, Antarctica (C) .....	BY2
Brasilia Array, Distrito Federal, Brazil .....	BAO	Byrd—Stanford Research Institute	
Brasopolis, Minas Gerais, Brazil (R) .....	BRAS	Lesser Antarctica, Antarctica (C) .....	BY3
Brasstown Bald, Georgia, U.S.A. ....	BBG	Byrd—Stanford Research Institute	
Bratislava, Czechoslovakia (C) .....	BRA	Lesser Antarctica, Antarctica (C) .....	BYA
Bratislava—Železná Studnicka, Czechoslovakia .....	ZST	Byron Hot Springs, California, U.S.A. ....	CBSM
Bratogov, Yugoslavia .....	BRY	Bytom, Poland .....	BYT
Breckenridge Mountain, California, U.S.A. ....	WBMM	CP-1, Nevada, U.S.A. ....	CPX
Bredaryd, Sweden (R) .....	BYD	CP-17, Nevada, U.S.A. (C) .....	CPN
Bremner River, Alaska, U.S.A. ....	BMRM	Cabo Frio, Costa Rica .....	AR7
Breslau, Poland (C) .....	BRE	Cabarca, Sonora, Mexico .....	CBS
Brest, Bretagne, France .....	BST	Cabramurra, New South Wales, Australia (C) .....	CAB
Brewton, Alabama, U.S.A. (C) .....	BO-AL	Cabramurra, New South Wales, Australia .....	CBR
Bridge Bay, Wyoming, U.S.A. (R) .....	YPBR	Cache Creek, British Columbia, Canada (C) .....	CK-BC
Bridgeport, Connecticut, U.S.A. (C) .....	BPT	Cachucha Ranch, New Mexico, U.S.A. (C) .....	CCN
Brig, Switzerland (C) .....	BRI	Cacique Ariacacuin, Santa Fe, Argentina (R) .....	RTAS
Brigand Hill, Trinidad, Trinidad and Tobago .....	TBH	Cagliari Serpeddi, Sardinia, Italy .....	CGFW
Brimstone Hill		Cactus Flat West, California, U.S.A. ....	CTFS
Saint Christopher, Saint Christopher-Nevis .....	BSK	Cactus Peak, Nevada, U.S.A. ....	CTS
		Cactus Peak West, California, U.S.A. ....	CPTM
Briane, Trentino-Alto Adige, Italy (R) .....	BIE	Cadarache, Provence, France .....	CDR
Brisbane, Queensland, Australia .....	BRS	Cady Mountains, California, U.S.A. (C) .....	CAD
Brite Ranch, Texas, U.S.A. ....	MT4	Cafayete, Salta, Argentina .....	CFA
Broad Pass, Alaska, U.S.A. (C) .....	BDP	Cagayan de Ora, Mindanao, Philippines .....	CGP
Broadlaw, Scotland, United Kingdom .....	EBL	Cagliari Citta, Sardinia, Italy .....	CCI
Bracks Farm, California, U.S.A. (R) .....	BSCP	Cagliari Serpeddi, Sardinia, Italy .....	CGL
Broken Hill, Zambia .....	BHA	Caguas, Puerto Rico (C) .....	CAG
Brookfield, Connecticut, U.S.A. ....	BCT	Cahto Peak, California, U.S.A. ....	KCPM
Brookwood Reservoir, California, U.S.A. ....	BKC	Cahuilla Valley, California, U.S.A. (R) .....	CAHC
Brphy Road, California, U.S.A. ....	ABRM	Caicara, Venezuela (R) .....	CCV
Browns Brook, Maine, U.S.A. ....	D5A	Caica, Rio Grande do Norte, Brazil .....	CAI
Bruennthal, Bayern, Fed. Rep. of Germany .....	GRB1	Cairo Montenotte, Trentino-Alto Adige, Italy .....	CKI
Bryson, California, U.S.A. ....	PBYM	Caja del Rio, New Mexico, U.S.A. (C) .....	RIO
Bsor, Israel .....	BSO	Calachota, Peru (R) .....	PP02
Bucak, Turkey .....	BCK	Calamo, Antofagasta, Chile .....	CAC
Bucaramanga, Colombia (C) .....	BCR	Calaveras Reservoir, California, U.S.A. ....	CVR
Bucaramanga, Colombia .....	BMG	Calcutta, West Bengal, India .....	CAL
Buchan, Victoria, Australia (C) .....	BUV	Calderasani, Romania (U) .....	CDB
Buchanan, New York, U.S.A. ....	BIPS	Caldeira, Azores, Portugal .....	CALA
Bucharest, Romania .....	BUC	Caldera, Atacama, Chile (C) .....	CLD
Bucharest, Romania .....	BUC1	Caledonia Mountain, New Brunswick, Canada .....	LMN
Buchberg, Switzerland (C) .....	BUB	Colern, Provence, France (R) .....	CALN
Buckhannon, West Virginia, U.S.A. (C) .....	BZ-WV	Calera Reservoir, California, U.S.A. (C) .....	CB2
Buckingham, Quebec, Canada (C) .....	BU-OB	Calhoun Falls, South Carolina, U.S.A. ....	CHF
Bucksport, Maine, U.S.A. ....	BPM	Calico Hills, Nevada, U.S.A. ....	CDH1
Budapest, Hungary .....	BUD	Calico Hills, Nevada, U.S.A. ....	CDH5
Budaia, D'Entrecasteaux Islands, Papua New Guinea (C) .....	BDO	Caliente, Nevada, U.S.A. (C) .....	CQ-NV
Budva, Yugoslavia .....	BDV	California City, California, U.S.A. (R) .....	CALC
Buehlerhoehe, Baden-Wuerttemberg, Fed. Rep. of Germany .....	BUH	California State, Hayward, California, U.S.A. ....	CSH
Buena Vista, Costa Rica .....	BUS	Calipatria, California, U.S.A. (R) .....	CLIC
Buena Vista, Guatemala .....	BVA	Calistoga, California, U.S.A. (C) .....	CLS
Buenos Aires, Buenos Aires, Argentina .....	BAA	Callao Caves, Luzon, Philippines .....	CVP
Buffalo, New York, U.S.A. (C) .....	BUF	Callis Hollow Road, New York, U.S.A. (R) .....	CHRY
Buffalo Canyon, Nevada, U.S.A. ....	BFC	Calugareni, Romania .....	CGN
Buffalo—Larkin, New York, U.S.A. (C) .....	BFF	Calvi, Corsica, France .....	CVF
Buffelsfontein, Transvaal, South Africa .....	BFS	Calviac, Auvergne, France .....	CAF
Buia, Friuli-Venezia Giulia, Italy .....	BUA	Calix Mountain, Montana, U.S.A. ....	CLX
Bulawayo, Zimbabwe .....	BUL	Camocho, Peru .....	PT10
Bulachka, R.S.F.S.R., U.S.S.R. (R) .....	BLCS	Camarillo Hills, California, U.S.A. (R) .....	CAMC
Bunbury, North Island, New Zealand (C) .....	BUN	Cambridge, Massachusetts, U.S.A. (C) .....	CAM
Burg Eltz, Rheinland-Pfalz, Fed. Rep. of Germany .....	BGG	Cambridge, New York, U.S.A. ....	CAMB
Burke, Idaho, U.S.A. (R) .....	BUI	Camden Park	
Burlington, Ontario, Canada (U) .....	BUO	Saint Vincent, St. Vincent and the Grenadines .....	SVT
Burlington, Vermont, U.S.A. (C) .....	BUR	Camerino, Marche, Italy (C) .....	CMR
Burma, Jordan (R) .....	BURJ	Camp Ben Lomond, California, U.S.A. ....	JBLM
Burnie High School, Tasmania, Australia .....	BNE	Camp Century, Greenland (C) .....	CCG
Burwash Landing, Yukon Territory, Canada (C) .....	BH-YK	Camp Elliot, California, U.S.A. ....	CPE
Bush Stream, South Island, New Zealand (C) .....	BSP	Camp Garcia, Puerto Rico (R) .....	CGV
Butare, Rwanda (C) .....	BTR	Camp Pendleton, California, U.S.A. ....	CPT
Butembo, Zaire .....	BTC	Camp Williams, Utah, U.S.A. ....	CWU

Campbell Island, Campbell Island, New Zealand	CBZ	Casitas Lake, California, U.S.A. (C)	BCL
Campbell River, British Columbia, Canada	CBB	Cassano Ionia, Calabria, Italy	CSI
Campbellpur, Pakistan	CBP	Castella Tesina, Trentina-Alto Adige, Italy	CTI
Campo, California, U.S.A. (C)	CP-CL	Castle Hill, New South Wales, Australia	CAH
Campo Marzio, Friuli-Venezia Giulia, Italy (C)	TRS	Castle Mountain, California, U.S.A.	CTM
Compulung, Romania	CMP	Castle Rock, California, U.S.A. (C)	CRC
Canada Road, California, U.S.A.	CDC	Castle Rock, New York, U.S.A.	CTR
Canberra, Australian Cap. Terr., Australia	CAN	Castle Rock Ridge, California, U.S.A.	GCRM
Canberra Magnetic Observatory		Castlepoint, North Island, New Zealand	CAZ
Australian Cap. Terr., Australia	CNB	Castrovirreyna, Peru	CST
Candelaria, Nevada, U.S.A. (U)	CANR	Catalca, Turkey	CTT
Candle, Alaska, U.S.A.	CDL	Catalina Island, California, U.S.A.	CIS
Canebrake, California, U.S.A. (R)	CBKC	Catania, Sicily, Italy	CAT
Canfield Road, California, U.S.A.	NCFM	Catapilco, Aconcagua, Chile	CTP
Canisus, New York, U.S.A. (C)	CANY	Catarman, Samar, Philippines	CNP
Cannet des Maures, Provence, France (C)	CMF	Catfish Pond, New Jersey, U.S.A. (C)	CNJ
Cannon Point, North Island, New Zealand	CAW	Cauldskine Hill, Scotland, United Kingdom	ECK
Cantan, Guangdong, China (Mainland)	GZH	Cavalese, Trentina-Alto Adige, Italy (R)	CAV
Contwell, Alaska, U.S.A. (C)	CNA	Cave, Kerguelen Islands	KCA
Canyon Junction, Wyoming, U.S.A. (C)	CJW	Cave Hill, Connecticut, U.S.A.	MD3
Cape Campbell, South Island, New Zealand	CCW	Cave Mountain, California, U.S.A. (R)	CAVC
Cape Darby, Alaska, U.S.A.	CDY	Cave-in Rock, Illinois, U.S.A.	CIRL
Cape Douglas, Alaska, U.S.A. (C)	CDA	Cavedale Road, California, U.S.A.	CRD
Cape Douglas, Alaska, U.S.A.	CDD	Cawcaw Swamp, South Carolina, U.S.A.	CCS
Cape Girardeau, Missouri, U.S.A.	CGM	Cayastacia, Santa Fe, Argentina (R)	RTCS
Cape Gloucester, New Britain, Papua New Guinea	LAG	Cayey, Puerto Rico	SJGC
Cape Gloucester Airport		Cazenovia, New York, U.S.A.	CAZE
New Britain, Papua New Guinea	CGA	Ceahlau, Romania	CEA
Cape Good Hope, Cape Province, South Africa (C)	CGH	Cebu City, Cebu, Philippines (C)	CCP
Cape Reinga, North Island, New Zealand	CRZ	Cedar Butte, Idaho, U.S.A.	CIB
Cape Romanzof, Alaska, U.S.A. (C)	CPR	Cedar City, Utah, U.S.A.	CCU
Cape San Juan, Puerto Rico	CSJ	Cedar Cave, Utah, U.S.A.	CVE
Cape Sarichef, Alaska, U.S.A. (C)	CSA	Cedar Creek, Oklahoma, U.S.A. (C)	CDO
Cape St. James, British Columbia, Canada	SJB	Cedar Mountain, Utah, U.S.A.	CMU
Cape Town, Cape Province, South Africa (C)	CTO	Cedar Springs, California, U.S.A. (C)	CED
Cape Yakataga, Alaska, U.S.A. (C)	CYT	Cedar Springs, California, U.S.A.	CSP
Capetown, California, U.S.A.	KCTM	Cemisgezek, Turkey (R)	CEM
Capitol Peak, Washington, U.S.A.	CPW	Centennial Mountain, Idaho, U.S.A.	CM1
Capa Vaticana, Calabria, Italy	CVI	Centerville, Tennessee, U.S.A. (C)	CV-TN
Capadimante, Campania, Italy (C)	CAP	Central Minnesota Array, Minnesota, U.S.A.	CM1
Capps Glacier, Alaska, U.S.A.	CGLM	Central Minnesota Array, Minnesota, U.S.A.	CM2
Caprese Michelangelo, Toscana, Italy	CRE	Central Minnesota Array, Minnesota, U.S.A.	CM3
Captain Cook, Hawaii, U.S.A.	CPH	Central Minnesota Array, Minnesota, U.S.A.	CM4
Caracas, Venezuela	CAR	Central Minnesota Array, Minnesota, U.S.A. (R)	CM5
Caracol Dam No. 1, Guerrero, Mexico (R)	CC1	Central Minnesota Array, Minnesota, U.S.A.	CM6
Caracol Dam No. 2, Guerrero, Mexico (R)	CC2	Central Site, California, U.S.A. (R)	MCSM
Caracol Dam No. 3, Guerrero, Mexico (R)	CC3	Ceres, Cape Province, South Africa	CER
Caracol Dam No. 4, Guerrero, Mexico	CC4	Cerknica, Yugoslavia	CEY
Caraveli, Peru (C)	CRV	Cernavoda, Romania	CVD
Caravelle, Martinique	CRM	Cerre les Naray, Franche Comte, France (C)	CNF
Carbandale, Illinois, U.S.A.	SIUC	Cerrilla, Mexico, Mexico	CRX
Carcaliu, Romania	CFR	Cerro Adams, Costa Rica	ACR
Carei, Romania	CEI	Cerro Alto Campground, California, U.S.A.	PCGM
Caribou, Maine, U.S.A.	CBM	Cerro Azul, New Mexico, U.S.A. (R)	CZL
Carlatarte, Sardinia, Italy (C)	CRL	Cerro Blanco, San Juan, Argentina	RTCB
Carlsbad, New Mexico, U.S.A.	CLN	Cerro Bala, Baja California, Mexico	CBX
Carlsbad, New Mexico, U.S.A.	CLN2	Cerro Negro, San Juan, Argentina	CEN
Carlsbad, New Mexico, U.S.A.	CLN4	Cerro Prieta, Baja California, Mexico	CPBX
Carlsbad, New Mexico, U.S.A.	CLN7	Cerro Toribio, Venezuela (R)	GTV
Carmichael, Guadeloupe	CRG	Cerro Uvita, Costa Rica (R)	CUV
Carmo Cajuru, Minas Gerais, Brazil (R)	CJB	Cerro Valdivia, San Juan, Argentina	RTCV
Carnasow Mountain Lookout Tower, Oklahoma, U.S.A. (C)	CRO	Cerro Villicun, San Juan, Argentina	RTLL
Carnegie Institution of Washington		Cerro de Punta, Puerto Rico	CDP
District of Columbia, U.S.A. (C)	DTM	Cerro de la Muerte, Costa Rica	CDM
Carnsore Point, Eire	ECP	Cerro del Durazano, New Mexico, U.S.A.	CDN
Carpenter Flat, Colorado, U.S.A.	PV04	Cerro la Pandura, Puerto Rico	CPD
Carriekbyrne Hill, Eire	ECB	Cha de Macela, Azores, Portugal	CML
Carrizo Plain, California, U.S.A.	CRR	Chacachacare, Trinidad, Trinidad and Tobago	TCE
Carson Hill, California, U.S.A.	CRH	Chacarita, Buenos Aires, Argentina (C)	CCR
Carter Brook, Maine, U.S.A.	D3A	Chadas Angastura, Santiago, Chile	CHCH
Carters Dam, Georgia, U.S.A.	CDG	Chagan-Uzun, R.S.F.S.R., U.S.S.R.	CUR
Cartuja, Spain	CRT	Chagda, R.S.F.S.R., U.S.S.R. (R)	CGD
Carupana, Venezuela (R)	CPV	Chagyl, Turkmen S.S.R., U.S.S.R. (R)	CAGS
Caryville, Tennessee, U.S.A. (C)	CA-TN	Chaix Hills, Alaska, U.S.A.	CHX
Casa Juvan, California, U.S.A. (R)	CJV	Chala, Peru (C)	CLA
Casamari, Lazio, Italy (C)	CAS	Chalhuanca, Peru (R)	PP08
Casamicciola, Campania, Italy (C)	CSM	Chalk River, Ontario, Canada	CKO
Cascade Tunnel, Washington, U.S.A. (C)	CC-WA	Chalk Rock, California, U.S.A.	KCRM
Cashmere, South Island, New Zealand	CMZ	Challis, Idaho, U.S.A. (C)	CL-ID
Casitas Dam, California, U.S.A.	BCD	Chama, New Mexico, U.S.A. (C)	CNM

Chamberlain, California, U.S.A. ....	CBC	Chihuahua, Chihuahua, Mexico .....	CHH
Chamberlain Ridge, California, U.S.A. ....	GCBM	Chijiwa, Kyushu, Japan (R) .....	CJA
Chambon-la-Forêt, Orleanais, France (C) .....	CLF	Chilao Flats, California, U.S.A. (R) .....	CFL
Chamela, Jalisco, Mexico (R) .....	CJM	Chilbolton, England, United Kingdom .....	CLB
Champ du Feu, Alsace, France .....	CDF	Childress, Texas, U.S.A. (C) .....	CEC
Chanaral, Atacama, Chile .....	CAA	Childress, Texas, U.S.A. (C) .....	CNE
Chanarkat, Pakistan (R) .....	CKP	Childress, Texas, U.S.A. (C) .....	CNO
Chanca, Bolivia .....	CNCB	Childress, Texas, U.S.A. (C) .....	CNW
Changalane, Mazambique .....	CNG	Childress, Texas, U.S.A. (C) .....	CSE
Changchun, Jilin, China (Mainland) .....	CN2	Childress, Texas, U.S.A. (C) .....	CSW
Changchun, Jilin, China (Mainland) (C) .....	CNH	Childress, Texas, U.S.A. (C) .....	CWT
Changchun, Jilin, China (Mainland) (C) .....	HSK	Childs Glacier, Alaska, U.S.A. ....	CSG
Chapel Hill, North Carolina, U.S.A. ....	CEH	Chilecito, La Rioja, Argentina (C) .....	CCT
Chapel Hill, North Carolina, U.S.A. (C) .....	CHC	Chileka, Malawi .....	CLK
Chaplin, Connecticut, U.S.A. (C) .....	CPL	Chilik, Kazakh S.S.R., U.S.S.R. ....	CHL
Chapri, Pakistan (R) .....	CPA	Chimachoy, Guatemala .....	CIM
Chara, R.S.F.S.R., U.S.S.R. (R) .....	CRS	Chimang, Uzbek S.S.R., U.S.S.R. (R) .....	CIMS
Characata, Peru .....	ARE	Chimkent, Kazakh S.S.R., U.S.S.R. ....	CHM
Chardzhou, Turkmen S.S.R., U.S.S.R. (R) .....	CHDS	Chimney Peak, California, U.S.A. ....	WCHM
Charlesbourg, Quebec, Canada (C) .....	CHQ	China Gardens South, California, U.S.A. ....	CGSM
Charley, Nevada, U.S.A. (C) .....	NYC	China Lake, California, U.S.A. ....	CLC
Charlottesville, Virginia, U.S.A. (C) .....	CLT	China Lake Receiver Site, California, U.S.A. ....	WCXM
Charlottesville, Virginia, U.S.A. (C) .....	CTV	China Pool, Alaska, U.S.A. ....	CNPM
Charlottesville, Virginia, U.S.A. ....	CVL	Chinchino, Colombia .....	CHN
Charlottesville, Virginia, U.S.A. ....	CVV	Chirah Chawk, Pakistan (R) .....	CHCP
Charnwood Forest, England, United Kingdom .....	CWF	Chiredzi, Zimbabwe .....	CIR
Charters Towers, Queensland, Australia .....	CTA	Chirikof Island, Alaska, U.S.A. (R) .....	CHIA
Charters Towers, Queensland, Australia .....	CTAO	Chiripa, Costa Rica .....	AR6
Chase Mountain, Oregon, U.S.A. ....	VCCM	Chita, Honshu, Japan (R) .....	CHTJ
Chase Ranch, California, U.S.A. ....	CSR	Chita, R.S.F.S.R., U.S.S.R. ....	CIT
Chateau, North Island, New Zealand .....	CNZ	Chitina Glacier, Alaska, U.S.A. ....	CTGM
Chatham Islands, Chatham Islands, New Zealand .....	CIZ	Chittagang, Bangladesh .....	CHT
Chatra, Nepal .....	CHA	Chizu, Honshu, Japan (R) .....	CZT
Chats Falls, Ontario, Canada (C) .....	CFO	Chacan, Peru .....	CHP3
Chaumant, New York, U.S.A. ....	CHAU	Chocolate Mountain, California, U.S.A. ....	CH2
Cheb, Czechoslovakia (C) .....	CHE	Chocolate Mountains, California, U.S.A. (R) .....	COT
Chekak, Alaska, U.S.A. ....	CKK	Chalame Valley, California, U.S.A. ....	CVC
Chelan Butte, Washington, U.S.A. ....	CBW	Chanco, Nicaragua .....	CNR
Cheltenham, Maryland, U.S.A. (C) .....	CLH	Char-Sady, Tajik S.S.R., U.S.S.R. (R) .....	CSD
Chemehuevi Mountains, California, U.S.A. ....	CMH	Charzaw, Poland .....	CHZ
Chengdu, Sichuan, China (Mainland) .....	CD2	Chashi, Honshu, Japan .....	CHO
Chengdu, Sichuan, China (Mainland) (C) .....	CDU	Choshi, Honshu, Japan (R) .....	COJ
Chengtu, Sichuan, China (Mainland) .....	CD2	Chowiet Island, Alaska, U.S.A. ....	CHW
Chengtu, Sichuan, China (Mainland) (C) .....	CDU	Choya, Santiago del Estero, Argentina .....	CYA
Cherat, Pakistan (R) .....	CEP	Christchurch, South Island, New Zealand (C) .....	CHR
Chernavtsy, Ukrainian S.S.R., U.S.S.R. ....	CRA	Christianburg, Tennessee, U.S.A. ....	CBT
Chernavtsy, Ukrainian S.S.R., U.S.S.R. (C) .....	CRB	Christmas Canyon, California, U.S.A. (R) .....	XMS
Cherry Point, North Carolina, U.S.A. (C) .....	CPC	Christmas Creek, Alaska, U.S.A. (R) .....	CKR
Cherskiy, R.S.F.S.R., U.S.S.R. (R) .....	CES	Christmas Island, Christmas Island (C) .....	XMI
Chesbro Reservoir, California, U.S.A. ....	CBO	Chuchupate, California, U.S.A. (C) .....	CHP
Chetwynd, British Columbia, Canada (C) .....	CTC	Chuan-Garon, Tajik S.S.R., U.S.S.R. ....	CGT
Cheung Chau, Hong Kong (R) .....	CCHK	Chulman, R.S.F.S.R., U.S.S.R. (R) .....	CLNS
Cheyenne, Wyoming, U.S.A. (C) .....	CY-WY	Chumysh, Kazakh S.S.R., U.S.S.R. (R) .....	CHMS
Chia-i, China (Taiwan) .....	CHY	Chur, Switzerland (C) .....	CHU
Chia-wan, China (Taiwan) .....	TWD	Church, Alaska, U.S.A. ....	CHB
Chiang Mai, Thailand .....	CHG	Church Hills, Tennessee, U.S.A. ....	CHTN
Chiang Mai, Thailand .....	CHTO	Churchill, Manitoba, Canada (C) .....	CH-MT
Chiapa de Carzo, Chiapas, Mexico .....	CZC	Chusal, Tajik S.S.R., U.S.S.R. (C) .....	CHS
Chiavari, Liguria, Italy (C) .....	CHV	Chylin, Poland (R) .....	CYP
Chiayi, China (Taiwan) .....	CHY	Cienega Road, California, U.S.A. ....	BCGM
Chicago, Illinois, U.S.A. (R) .....	CGI	Cincinnati, Ohio, U.S.A. (C) .....	CNN
Chicago, Illinois, U.S.A. (C) .....	CHK	Cine, Turkey .....	CIN
Chicago-Loyola, Illinois, U.S.A. ....	CHI	Cipolletti, Rio Negro, Argentina (C) .....	CIP
Chichi-shima, Bonin Islands, Japan .....	CB1	City College of New York, New York, U.S.A. ....	CNY
Chichi-shima, Bonin Islands, Japan (C) .....	TTZ	Ciudad Bolivar, Venezuela .....	CBV
Chichibu, Honshu, Japan .....	CHJ	Ciudad Guzman, Jalisco, Mexico .....	CGX
Chichibu Outpost, Honshu, Japan .....	CHJJ	Ciudad Trujillo, Dominican Republic .....	SDD
Chichijima, Bonin Islands, Japan .....	CB1	Clancy, Montana, U.S.A. ....	CMT
Chichijima, Bonin Islands, Japan (C) .....	TTZ	Clara Peak, New Mexico, U.S.A. ....	CLP
Chiclaya, Peru .....	CHPB	Clark Canyon Reservoir, Montana, U.S.A. ....	CCMT
Chico, California, U.S.A. ....	CCO	Clark Hill Reservoir, Georgia, U.S.A. ....	CH5
Chicoasen, Chiapas, Mexico .....	CSN	Clark Hill Reservoir, Georgia, U.S.A. ....	CH6
Chicoasen Reservoir No. 1, Chiapas, Mexico .....	CR1	Clarkstown, New York, U.S.A. ....	CLAR
Chicoasen Reservoir No. 2, Chiapas, Mexico .....	CR2	Clausthal, Niedersachsen, Fed. Rep. of Germany .....	CLZ
Chicoasen Reservoir No. 3, Chiapas, Mexico .....	CR3	Clay Center, Nebraska, U.S.A. ....	CNE
Chicoasen Reservoir No. 4, Chiapas, Mexico .....	CR4	Clayton, Oklahoma, U.S.A. (C) .....	CT-OK
Chicoasen Reservoir No. 5, Chiapas, Mexico .....	CR5	Clear Creek Butte, Alaska, U.S.A. ....	CCB
Chicoasen Reservoir No. 6, Chiapas, Mexico .....	CR6	Clear Mews, Alaska, U.S.A. (C) .....	CMA
Chicoasen Reservoir No. 7, Chiapas, Mexico .....	CR7	Clermont-Ferrand, Auvergne, France .....	CFF
Chiguba, Mozambique (R) .....	CGB	Cleve, South Australia, Australia .....	CLV

Cleveland, Ohio, U.S.A. ....	CLE	Copiapo, Atacama, Chile (R) .....	CPIC
Cliffside, Montana, U.S.A. (C) .....	CFM	Copiapo, Atacama, Chile .....	CPP
Climax Mine, Nevada, U.S.A. (C) .....	NYM	Copper Mountain, California, U.S.A. (R) .....	CPM
Clinton, New York, U.S.A. (C) .....	CLIN	Coppermine, Northwest Territories, Canada (C) .....	CMC
Clintwood, Virginia, U.S.A. (C) .....	CI-VA	Copperopolis, California, U.S.A. ....	MCUM
Clasani, Romania .....	CLO	Corbin, Virginia, U.S.A. ....	CBN
Claverdale, California, U.S.A. ....	GCEVM	Corbin, Virginia, U.S.A. ....	CNV
Cluj, Romania .....	CJR	Corcavada, Peru .....	CHP2
Cluj, Romania (C) .....	CLU	Cardaba, Cardaba, Argentina (R) .....	CRDA
Clyde, South Island, New Zealand (R) .....	CYZ	Cardaba, Cardaba, Argentina .....	PIL
Coachella, California, U.S.A. ....	COA	Cordava, Alaska, U.S.A. ....	CVA
Coal Canyon, Colorado, U.S.A. ....	PV06	Cordoba Dairy, California, U.S.A. ....	HCZM
Coama, Puerto Rico .....	CCA	Carfu, Washington, U.S.A. ....	CRF
Cabana, Costa Rica .....	CAO	Corinaldo, Marche, Italy .....	CRN
Cobar Meteorology Station, New South Wales, Australia .....	CMS	Carrn Cab Canyon, California, U.S.A. ....	HCOM
Cobb Mountain, California, U.S.A. ....	GCEMM	Cornell, Wisconsin, U.S.A. (C) .....	CN-W5
Cobb River, South Island, New Zealand .....	COB	Corner Brook, Newfoundland, Canada (R) .....	CBK
Cochabamba, Bolivia .....	CCH	Carana Quarry, California, U.S.A. ....	COO
Cochiti, New Mexico, U.S.A. ....	COH	Caranel Fontana, San Juan, Argentina .....	CFA
Cocas Island, Cocas Islands (C) .....	CCK	Carvallis, Oregon, U.S.A. ....	COR
Codrington, Barbados (C) .....	BRB	Casiquina, Nicaragua .....	COS
Codrington, Barbuda, Antigua and Barbuda .....	CPB	Casa Basin North, California, U.S.A. ....	CBHM
Cody, Nebraska, U.S.A. (C) .....	CZ-NB	Casa Springs South, California, U.S.A. ....	CSSM
Coe Ranch, California, U.S.A. ....	COE	Catan, Costa Rica (R) .....	CTCR
Cohasset Ridge, California, U.S.A. ....	OCHM	Cattongarden Point, Virgin Islands .....	CGPV
Coimbra, Portugal .....	COI	Cattunwood, Nevada, U.S.A. (U) .....	COTR
Caire, Switzerland (C) .....	CHU	Cattunwood Creek, California, U.S.A. ....	CWC
Calaba, Maharashtra, India .....	BOM	Cattunwood Mountains, California, U.S.A. ....	CTW
Calby Mountain, California, U.S.A. ....	LCMM	Cavasna, Romania .....	CVO
Calchester, Vermont, U.S.A. (C) .....	COV	Cave Fort, Utah, U.S.A. ....	CFU
Cald Bay, Alaska, U.S.A. (C) .....	CBA	Caw Castle Creek, South Carolina, U.S.A. ....	COW
Cold Spring, New York, U.S.A. ....	COSP	Caw Mountain, California, U.S.A. ....	GCWM
Cold Spring River, New York, U.S.A. ....	CSRY	Caxcomb Mountains No. 2, California, U.S.A. (R) .....	CO2
Coleburn Distillery, Scotland, United Kingdom .....	MCD	Cayote Hills, California, U.S.A. ....	CCYM
Coleman, Alberta, Canada (C) .....	CLM	Cayote Hills, California, U.S.A. (C) .....	CYH
Colfax, Wisconsin, U.S.A. (C) .....	CF-W5	Cayote Mountain, California, U.S.A. ....	COY
College, Alaska, U.S.A. (C) .....	GIA	Cayotepe, Nicaragua (C) .....	CYN
College Fiord, Alaska, U.S.A. ....	CFI	Cazia, Romania .....	COZ
College Outpost, Alaska, U.S.A. ....	COL	Crafton Hills, California, U.S.A. (R) .....	CFT
College--Fairbanks, Alaska, U.S.A. ....	CMO	Craig, Colorado, U.S.A. (C) .....	CGC
Collinsville, Alabama, U.S.A. ....	HGA	Craig Gach, Wales, United Kingdom .....	HCG
Collmberg, German Dem. Rep. ....	CLL	Craigsville, West Virginia, U.S.A. (C) .....	CX-WV
Collaredo, Friuli-Venezia Giulia, Italy .....	COLI	Crane, Oregon, U.S.A. (C) .....	KR-OR
Collurania, Abruzzo, Italy (C) .....	CLR	Crater, Costa Rica .....	A10
Caloane, Macau .....	MCO	Crater Lake, Oregon, U.S.A. ....	VCLM
Colagne, Nordrhein-Westfalen, Fed. Rep. of Germany .....	CLG	Crater Peak, Alaska, U.S.A. ....	CRP
Calambo, Sri Lanka .....	COC	Crater Summit .....	
Calame, South Dakota, U.S.A. (C) .....	CO-SD	Saint Vincent, St. Vincent and the Grenadines (R) .....	SSV
Calanesti, Romania .....	CLI	Creol Springs, Illinois, U.S.A. ....	CSIL
Calania Sabana, Puerto Rico .....	CSB	Crescent Cliffs, California, U.S.A. ....	LCFM
Calson Canyon, California, U.S.A. ....	BCC	Crestline, California, U.S.A. (R) .....	CSL
Calson Canyon, California, U.S.A. ....	SCCM	Crete, Nebraska, U.S.A. (C) .....	CR-NB
Columbia, Tennessee, U.S.A. (C) .....	COTN	Crete, Nebraska, U.S.A. (C) .....	CR2NB
Columbia, South Carolina, U.S.A. (C) .....	CSC	Crete, Nebraska, U.S.A. (R) .....	CTN
Columbus, Nevada, U.S.A. (U) .....	COLR	Crevison Peak, California, U.S.A. ....	HCPM
Columbus, Nebraska, U.S.A. (R) .....	CUN	Crittenden County--Downhole, Arkansas, U.S.A. ....	CRID
Calville, Washington, U.S.A. (C) .....	CLW	Crittenden County--Surface, Arkansas, U.S.A. ....	CRIS
Camb Ridge, Tennessee, U.S.A. ....	CRTN	Cracker Grade, California, U.S.A. ....	CRGC
Camitan, Chiapas, Mexico .....	COM	Craghan, New York, U.S.A. ....	CROG
Camstack Bridge, Connecticut, U.S.A. ....	MD1	Craghan, Eire .....	DCN
Canecpian, Canecpian, Chile .....	CON	Crass River, New York, U.S.A. ....	CRNY
Canard, New Hampshire, U.S.A. ....	ONH	Crassville, Tennessee, U.S.A. (C) .....	CS-TN
Canard--Diablo Valley College .....		Craw Canyon Road, California, U.S.A. ....	CYC
California, U.S.A. (C) .....	CNC	Crawley Lake, California, U.S.A. ....	CLKR
Cancordia, Kansas, U.S.A. ....	CNK	Crown Mine, Nevada, U.S.A. (C) .....	CMN
Concrete, Washington, U.S.A. (C) .....	CE-WA	Crown Point, Idaho, U.S.A. ....	CPI
Candar, Peru (R) .....	PP03	Crown Point, Tobago, Trinidad and Tobago (R) .....	TOB
Cane Peak, Hawaii, U.S.A. ....	CPK	Crutchfield, Kentucky, U.S.A. ....	CRU
Cannel, Washington, U.S.A. (C) .....	CNL	Crystal Lake, New York, U.S.A. (C) .....	CLY
Canway, Arkansas, U.S.A. (C) .....	CW-AR	Cudja Caverns, Virginia, U.S.A. ....	CCVA
Caok Canyon, California, U.S.A. (R) .....	CKC	Cuglieri, Sardinia, Italy .....	CUG
Caok Peak, California, U.S.A. ....	WCOM	Culebra, Puerto Rico .....	CUP
Caok Ranch, California, U.S.A. ....	COK	Culiacan, Sinaloa, Mexico (C) .....	CUL
Coan Peak, Utah, U.S.A. ....	CPU	Cultus Mountain, Washington, U.S.A. (R) .....	CMW
Caaney, New South Wales, Australia .....	COO	Cumana, Venezuela .....	CUM
Caaper Hill, Maine, U.S.A. ....	PQ0	Cumberland Gap, Virginia, U.S.A. (C) .....	CG-VA
Caaper Landing, Alaska, U.S.A. (C) .....	SKL	Cumberland Gap, Tennessee, U.S.A. (C) .....	CGTN
Caaper Mountain, Texas, U.S.A. ....	CMTX	Cumberland Plateau, Tennessee, U.S.A. (C) .....	CPD
Coopers Lake, Montana, U.S.A. (C) .....	CKM	Cumberland Plateau, Tennessee, U.S.A. ....	CPOT
Copenhagen, Denmark .....	COP	Cumberland Plateau, Tennessee, U.S.A. ....	RSCP

Cumberland Plateau Observatory, Tennessee, U.S.A. (C)	CP-SO	Deposit, New York, U.S.A. (C)	DP-NY
Cumshewa, British Columbia, Canada (R)	CWB	Derbent, R.S.F.S.R., U.S.S.R. (R)	DRZ
Current, Nevada, U.S.A.	CND	Derby, Colorado, U.S.A. (C)	DER
Current, Nevada, U.S.A. (C)	CU-NV	Derby, Vermont, U.S.A.	DVT
Curry Mountain, California, U.S.A.	PCRM	Dersam, New York, U.S.A. (C)	DNY
Cusp Creek, British Columbia, Canada (C)	CCC	Des Moines, Iowa, U.S.A. (C)	DMI
Cuzco, Peru	CUS	Desaguadero, Bolivia (C)	DSG
Cyprus Station — Pradhramas, Cyprus	CSS	Desert, Hawaii, U.S.A.	DES
Da Lat, Vietnam (R)	DLV	Desert Hot Springs, California, U.S.A. (C)	DHS
Dabrowa Garnicza, Poland	DGP	Desert Tortoise Park, California, U.S.A. (R)	DTP
Dafare, Djibouti	DAF	Deserto Penisolo Sarrentina, Campania, Italy	DPS
Dairen, Liaoning, China (Mainland) (C)	DAI	Devo, Romania	DEV
Dakar, Senegal (C)	DAK	Devil Canyon, California, U.S.A. (C)	DVL
Dake, Honshu, Japan (R)	DAKH	Devil Mountain, Alaska, U.S.A.	DMA
Dalhousie, Himachal Pradesh, India (C)	DLH	Devils Kitchen North, California, U.S.A. (R)	DKNM
Dalian, Liaoning, China (Mainland)	DL2	Devils Point, Vanuatu Islands	DVP
Dallas, Texas, U.S.A.	DAL	Dezadeash Lake, Yukon Territory, Canada (C)	DLY
Dallas, Texas, U.S.A. (C)	DLS	Dhahran, Saudi Arabia (R)	DHR
Dallas-GT, Texas, U.S.A. (C)	DGT*	Diadem, South Island, New Zealand (C)	DMP
Daltan, Georgia, U.S.A.	DALG	Diamond Head, Hawaii, U.S.A.	DHH
Daltan, New South Wales, Australia (C)	DLN	Diamond Ranch, California, U.S.A. (C)	DIR
Daltan, California, U.S.A. (C)	DLT	Dickey, Maine, U.S.A.	D1A
Daman, Nepal	DMN	Dickey, Maine, U.S.A.	D2A
Dampier, Western Australia, Australia (R)	DAM	Dickey, Maine, U.S.A.	D3A
Dandelion, Hawaii, U.S.A.	DAH	Dickey, Maine, U.S.A.	D4A
Dane, Ontario, Canada (C)	DAN	Dickey, Maine, U.S.A.	D5A
Daniels Canyon, Utah, U.S.A.	DAU	Dickey, Maine, U.S.A.	D6A
Danmarkshavn, Greenland	DAG	Diliman, Luzon, Philippines	MAN
Dannemora, New York, U.S.A. (C)	DANY	Dillan, Montana, U.S.A. (C)	DI-MA
Dannevirke, North Island, New Zealand (C)	DNN	Dillan Ranch, California, U.S.A.	DIL
Darband, Pakistan	DBP	Dimitrovgrad, Bulgaria	DIM
Dartmouth, Victoria, Australia	DRT	Dipalag, Mindanao, Philippines (C)	DIP
Daru, New Guinea, Papua New Guinea (C)	DNG	Disk Island, Alaska, U.S.A. (C)	DSK
Darwin, California, U.S.A. (C)	DAC	Dixie Hot Springs, Nevada, U.S.A.	DIXR
Darwin, Northern Territory, Australia (C)	DAR	Djakarta, Jawa, Indonesia	DJA
Datang, Shanxi, China (Mainland)	TTC	Dmanisi, Georgian S.S.R., U.S.S.R. (R)	DMNS
Davao, Mindanao, Philippines (C)	DAP	Dachia, Romania	DOC
Davao, Mindanao, Philippines	DAV	Dadaira, Honshu, Japan	DDR
Davao Weather Station, Mindanao, Philippines (R)	DWP	Dodama, Tanzania (C)	DOD
Davenport, Washington, U.S.A.	DVW	Dag Skin Mountain, Nevada, U.S.A. (R)	DSM
Daw, New Britain, Papua New Guinea (C)	DAW	Dogwood, Missouri, U.S.A.	DWM
Dawson City, Yukon Territory, Canada	DWY	Dame Shelter, North Island, New Zealand (R)	DRZ
Dawu, China (Taiwan)	TAW	Damengine Ranch, California, U.S.A. (R)	PDPM
Day, Djibouti	DAY	Dominica, Dominica	DOM
De Bilt, Netherlands	DBN	Damodassola, Piemonte, Italy (C)	DMD
Deadman Bay, Alaska, U.S.A.	DMB	Dan Santos Ranch, California, U.S.A.	CDSM
Deadman Peak, New Mexico, U.S.A.	DMPK	Danga Capesterre, Guadeloupe	DOG
Dease Lake, British Columbia, Canada	DLB	Dangala, Missouri, U.S.A.	DON
Death Valley, California, U.S.A. (C)	DV-CL	Dannelly Dome, Alaska, U.S.A.	DDM
Debin, R.S.F.S.R., U.S.S.R. (R)	DBI	Doalan Road, California, U.S.A.	DOO
Debrecen, Hungary (C)	DEB	Darchester, South Carolina, U.S.A.	DRC
Decatur, Alabama, U.S.A. (R)	DCA	Darat, Israel	DOR
Deception Island		Darpat, Estanian S.S.R., U.S.S.R. (C)	TTU
South Shetland Islands, Antarctica (C)	DEC	Das Bocas Dam, Puerto Rico (C)	DOS
Deer Creek Reservoir, Utah, U.S.A.	DCU	Dossa del Somma, Trentino-Alta Adige, Italy (R)	DDS
Deerlick Creek, Alabama, U.S.A. (R)	DLC	Double Butte, California, U.S.A. (R)	DB2
Dehra Dun, Uttar Pradesh, India	DDI	Double Mountain, California, U.S.A. (R)	DBM
Del Valle, California, U.S.A.	CDVM	Dourbes, Belgium	DOU
Del Valle, California, U.S.A.	CLT	Dawnie Peak Ridge, British Columbia, Canada	DPRB
Delamar Mountains, Nevada, U.S.A.	DLM	Dawnsview, Ontario, Canada (R)	DVO
Delary, Sweden	DEL	Dayle Hill, New York, U.S.A.	DHN
Delaware, Ontario, Canada	DLA	Dragan, Romania	DRR
Delcommune, Zaire (C)	DCC	Dragasani, Romania	DRA
Delhi, Delhi, India (R)	DEIO	Draper, Utah, U.S.A. (R)	DRU
Delhi, New York, U.S.A. (C)	DH-NY	Drozinda, Pakistan (R)	DRP
Delhi, Delhi, India	NDI	Dry Creek, Idaho, U.S.A. (C)	DCI
Dell Rapids, South Dakota, U.S.A. (C)	DL-SD	Dry Creek, California, U.S.A.	GDCM
Delli Paoli, New York, U.S.A. (R)	DPLY	Dry Ridge, Kentucky, U.S.A. (C)	DY-KY
Delmo Park, Montana, U.S.A. (C)	DPM	Dry Willow Peak, Utah, U.S.A.	DWU
Demirkay, Turkey	DMK	Drytown Water District, California, U.S.A.	ADWM
Demirtas, Turkey (R)	DMT	Duarte Ranch, California, U.S.A.	DUC
Demmitville, Missouri, U.S.A.	DMV	Dublin, Eire (C)	DUB
Denniston, South Island, New Zealand (C)	DNS	Dubrovnik, Yugoslavia (C)	DBR
Denny Creek, Montana, U.S.A. (R)	YPDC	Dubuque, Iowa, U.S.A.	DBQ
Denpasar, Nusa Tenggara, Indonesia	DNP	Ducktown, Tennessee, U.S.A.	DCT
Dent, Idaho, U.S.A. (C)	DEI	Dugway, Utah, U.S.A.	DUG
Dent Fell, England, United Kingdom	XDE	Duke of York Island	
Denton, Texas, U.S.A. (C)	DNT	New Britain, Papua New Guinea (R)	DOY
Denver, Colorado, U.S.A.	DEN	Dulce, New Mexico, U.S.A. (C)	DNM
Denville, New Jersey, U.S.A.	DENJ	Duluth, Minnesota, U.S.A. (C)	DUL

Dumont d'Urville, Greater Antarctica, Antarctica	DRV	Early Rise 224, New Brunswick, Canada (C)	ER224
Dundee, Scotland, United Kingdom	EDU	Early Rise 225, New Brunswick, Canada (C)	ER225
Dunderburg Mountain, New York, U.S.A. (R)	DBMY	Early Rise 226, New Brunswick, Canada (C)	ER226
Dundo, Angola	DUN	Early Rise 227, New Brunswick, Canada (C)	ER227
Dunedin, South Island, New Zealand	DNZ	Early Rise 228, New Brunswick, Canada (C)	ER228
Dunedin-Penfold, South Island, New Zealand	DND	Early Rise 229, New Brunswick, Canada (C)	ER229
Dunmavintown East, California, U.S.A. (R)	DTM	Early Rise 230, New Brunswick, Canada (C)	ER230
Dunnigan Hills, California, U.S.A.	NDHM	Early Rise 231, Nova Scotia, Canada (C)	ER231
Dunsink Observatory, Eire	DDK	Early Rise 232, Nova Scotia, Canada (C)	ER232
Duragan, Turkey (R)	DGT	Early Rise 234, Nova Scotia, Canada (C)	ER234
Durango, Colorado, U.S.A. (C)	DGC	Early Rise 235, Nova Scotia, Canada (C)	ER235
Durango, Colorado, U.S.A. (C)	DR-CO	Early Rise 236, Nova Scotia, Canada (C)	ER236
Durant, Oklahoma, U.S.A. (C)	DU-OK	Early Rise 237, Nova Scotia, Canada (C)	ER237
Durham, New Hampshire, U.S.A.	DNH	Early Rise 238, Nova Scotia, Canada (C)	ER238
Durham, England, United Kingdom	DUR	Early Rise 239, Nova Scotia, Canada (C)	ER239
Durania, Malise, Italy	DUI	Early Rise 241, Nova Scotia, Canada (C)	ER241
Dursunbey, Turkey (C)	DRB	Early Rise 242, Nova Scotia, Canada (C)	ER242
Dursunbey, Turkey	DST	Early Rise 300, Pennsylvania, U.S.A. (C)	ER300
Dushanbe, Tajik S.S.R., U.S.S.R.	DSH	Early Rise 301, Pennsylvania, U.S.A. (C)	ER301
Dusheti, Georgian S.S.R., U.S.S.R.	DUS	Early Rise 302, Pennsylvania, U.S.A. (C)	ER302
Dusing, New York, U.S.A. (C)	DSN	Early Rise 303, Pennsylvania, U.S.A. (C)	ER303
Dutch Harbor, Alaska, U.S.A. (C)	DHA	Early Rise 304, Maryland, U.S.A. (C)	ER304
Duxbury, Massachusetts, U.S.A.	DUX	Early Rise 306, West Virginia, U.S.A. (C)	ER306
Dwight, Nebraska, U.S.A.	DTN	Early Rise 307, West Virginia, U.S.A. (C)	ER307
Dyer Hill, Washington, U.S.A.	DHW	Early Rise 308, Virginia, U.S.A. (C)	ER308
Dyersburg, Tennessee, U.S.A. (C)	DY1	Early Rise 309, Virginia, U.S.A. (C)	ER309
Dzhafir, Tajik S.S.R., U.S.S.R. (C)	DZH	Early Rise 310, Virginia, U.S.A. (C)	ER310
Dzhambul, Kazakh S.S.R., U.S.S.R. (R)	DZA	Early Rise 311, Virginia, U.S.A. (C)	ER311
Dzhangel'dy, Uzbek S.S.R., U.S.S.R. (R)	DZN	Early Rise 312, Virginia, U.S.A. (C)	ER312
Dzherina, Tajik S.S.R., U.S.S.R.	DZE	Early Rise 313, Virginia, U.S.A. (C)	ER313
Dzhirgatal, Tajik S.S.R., U.S.S.R.	DZT	Early Rise 314, Virginia, U.S.A. (C)	ER314
Dzhizak, Uzbek S.S.R., U.S.S.R.	DZI	Early Rise 315, Virginia, U.S.A. (C)	ER315
Eagle, Colorado, U.S.A. (C)	EGC	Early Rise 316, Virginia, U.S.A. (C)	ER316
Eagle Butte, South Dakota, U.S.A.	EBS	Early Rise 317, Virginia, U.S.A. (C)	ER317
Eagle Flat, Texas, U.S.A. (C)	EF-TX	Early Rise 318, Virginia, U.S.A. (C)	ER318
Eagle Mountain, California, U.S.A. (R)	EAG	Early Rise 319, North Carolina, U.S.A. (C)	ER319
Eagle Mountain, Texas, U.S.A.	MT2	East Barbuda O.B.S., Antigua and Barbuda (R)	O6A
Eagle's Nest, New York, U.S.A. (C)	EGN	East Braintree, Manitoba, Canada (C)	EB-MT
Ear Mountain, Alaska, U.S.A.	EAM	East Cape, North Island, New Zealand (C)	ECZ
Early Rise 101, Ontario, Canada (C)	ER101	East Machias, Maine, U.S.A.	EMM
Early Rise 102, Ontario, Canada (C)	ER102	East Mesa, California, U.S.A. (R)	EMSC
Early Rise 103, Ontario, Canada (C)	ER103	East Paranagat Range, Nevada, U.S.A.	EPR
Early Rise 104, Ontario, Canada (C)	ER104	East Promontory, Utah, U.S.A.	EPU
Early Rise 105, Ontario, Canada (C)	ER105	East Ridge, Montana, U.S.A.	ERMT
Early Rise 106, Ontario, Canada (C)	ER106	East Ridge, Maine, U.S.A.	PQ1
Early Rise 107, Ontario, Canada (C)	ER107	East Traverse Mountains, Utah, U.S.A. (C)	ETU
Early Rise 108, Ontario, Canada (C)	ER108	East Wide Canyon, California, U.S.A. (R)	EWC
Early Rise 109, Quebec, Canada (C)	ER109	Easter Island, Valparaisa, Chile (C)	EIC
Early Rise 110, Quebec, Canada (C)	ER110	Easton, Maryland, U.S.A. (R)	EAS
Early Rise 111, Quebec, Canada (C)	ER111	Eastside, Nevada, U.S.A. (U)	ESTR
Early Rise 112, Quebec, Canada (C)	ER112	Eatonton, Georgia, U.S.A.	ETG
Early Rise 113, Quebec, Canada (C)	ER113	Ebenezer Church, Tennessee, U.S.A.	EBZ
Early Rise 114, Quebec, Canada (C)	ER114	Ebra Raquetas, Spain	EBR
Early Rise 115, Quebec, Canada (C)	ER115	Echery, Lorraine, France	ECH
Early Rise 116, Quebec, Canada (C)	ER116	Echa Falls, California, U.S.A.	ECF
Early Rise 117, Quebec, Canada (C)	ER117	Echa Peak, Nevada, U.S.A. (R)	EHN
Early Rise 118, Quebec, Canada (C)	ER118	Edge Oya, Svalbard, Norway	EO1
Early Rise 119, Quebec, Canada (C)	ER119	Edgewood, Michigan, U.S.A. (C)	ED-MI
Early Rise 120, Quebec, Canada (C)	ER120	Edinburgh, Scotland, United Kingdom	EDI
Early Rise 201, Quebec, Canada (C)	ER201	Edincik, Turkey	EDC
Early Rise 202, Quebec, Canada (C)	ER202	Edmonton, Alberta, Canada	EDM
Early Rise 203, Quebec, Canada (C)	ER203	Edmundston, New Brunswick, Canada	EBN
Early Rise 204, Quebec, Canada (C)	ER204	Effingham, Ontario, Canada	EFO
Early Rise 205, Quebec, Canada (C)	ER205	Eger, Czechoslovakia (C)	CHE
Early Rise 207, Quebec, Canada (C)	ER207	Egilsstadir, Iceland	EGI
Early Rise 208, Quebec, Canada (C)	ER208	Eglhafen, Bayern, Fed. Rep. of Germany	GRB3
Early Rise 209, Quebec, Canada (C)	ER209	Eglafsdorf, Bayern, Fed. Rep. of Germany	GRC1
Early Rise 210, Quebec, Canada (C)	ER210	Eilat, Israel (C)	EIL
Early Rise 211, Quebec, Canada (C)	ER211	Ekaterinburg, R.S.F.S.R., U.S.S.R.	SVE
Early Rise 212, Quebec, Canada (C)	ER212	El Cajon, California, U.S.A. (C)	ECA
Early Rise 213, Quebec, Canada (C)	ER213	El Callao, Venezuela (R)	ECV
Early Rise 215, Quebec, Canada (C)	ER215	El Centro, California, U.S.A. (C)	ECC
Early Rise 216, Quebec, Canada (C)	ER216	El Centra, Colombia	ETC
Early Rise 217, Quebec, Canada (C)	ER217	El Chinero, Baja California, Mexico	ECBX
Early Rise 218, New Brunswick, Canada (C)	ER218	El Dorado, Kansas, U.S.A.	EDK
Early Rise 219, New Brunswick, Canada (C)	ER219	El Galfo de Santa Clara, Sonora, Mexico	EGM
Early Rise 220, New Brunswick, Canada (C)	ER220	El Golfo de Santa Clara, Sonora, Mexico	EGX
Early Rise 221, New Brunswick, Canada (C)	ER221	El Granada, California, U.S.A.	JEGM
Early Rise 222, New Brunswick, Canada (C)	ER222	El Hato, Venezuela	EHV
Early Rise 223, New Brunswick, Canada (C)	ER223	El Manteco, Venezuela (R)	GMV

El Maslubiya, Jordan (R) .....	MASJ	Eskdalemuir Array, Scotland, United Kingdom .....	EKA
El Mayor, Baja California, Mexico .....	EMX	Espanola, Ontario, Canada (C) .....	ES-ON
El Mirage, California, U.S.A. (R) .....	ELMC	Esparros, Gascogne, France .....	EPF
El Pangué, Valparaíso, Chile .....	ELP	Esparza, Costa Rica .....	EPA
El Paso, Texas, U.S.A. (C) .....	EP-TX	Espenschied, Hessen, Fed. Rep. of Germany .....	ESP
El Paso, Texas, U.S.A. ....	EPT	Esso, R.S.F.S.R., U.S.S.R. (R) .....	ESO
El Pino, Mexico, Mexico .....	IIP	Estancia, New Mexico, U.S.A. ....	EST
El Quisco, Valparaíso, Chile (C) .....	ELQ	Estevan Point, British Columbia, Canada .....	ETB
El Roble, Santiago, Chile .....	ROCH	Esutaru, R.S.F.S.R., U.S.S.R. (C) .....	ESU
El Salvador, Atacama, Chile (C) .....	ESC	Eten, Peru .....	CHP7
El Tejon, California, U.S.A. (R) .....	TEJ	Ethyl Lake Duckett, Alberta, Canada (C) .....	ELD
El Tucuya, Venezuela .....	TOV	Etowah, Tennessee, U.S.A. ....	ETT
El Yunque, Puerto Rico (C) .....	EYP	Eureka, Nevada, U.S.A. (C) .....	EK-NV
Elat, Israel (C) .....	ELL	Eureka, Nevada, U.S.A. ....	EUR
Elazig, Turkey (C) .....	ELA	Eureka, Washington, U.S.A. ....	Euw
Elazig, Turkey (C) .....	ELZ	Eureka Canyon, California, U.S.A. ....	EUC
Elca, Illinois, U.S.A. ....	ELC	Eureka Mesa, New Mexico, U.S.A. ....	EUM
Eldee, Ontario, Canada .....	EEO	Eureka Ridge, Idaho, U.S.A. (C) .....	ERI
Eldorado, Misiones, Argentina (R) .....	EDMA	Eutaw, Alabama, U.S.A. (C) .....	EU-AL
Elginfield, Ontario, Canada .....	ELF	Eutaw, Alabama, U.S.A. (C) .....	EU2AL
Eliza Dome, British Columbia, Canada .....	EDB	Evander, Transvaal, South Africa .....	EVA
Elizabethville, Zaïre (C) .....	ELI	Excelsior, Nevada, U.S.A. (U) .....	EXC
Elk Chute Ditch, Missouri, U.S.A. ....	ECD	Ezine, Turkey .....	EZN
Elkhorn Ranch, California, U.S.A. ....	EKH	Fabra, Spain .....	FBR
Elko, Nevada, U.S.A. (C) .....	EKO	Fabrichnaya, Kazakh S.S.R., U.S.S.R. (C) .....	FAB
Elko, Nevada, U.S.A. ....	ELK	Faenza, Emilia-Romagna, Italy (C) .....	FAE
Ellensburg, Washington, U.S.A. (C) .....	EL-WA	Fairbanks, Alaska, U.S.A. (C) .....	FB-AK
Ellenville, New York, U.S.A. ....	ELNV	Fairbanks, Alaska, U.S.A. (C) .....	FB2AK
Ellicott City, Maryland, U.S.A. ....	ECM	Fairbanks, Alaska, U.S.A. ....	FBA
Ellsinore, Missouri, U.S.A. (C) .....	EN-MO	Fairbanks, Alaska, U.S.A. (C) .....	FBK
Ellsworth, Connecticut, U.S.A. ....	ECT	Fairbanks—Long Period, Alaska, U.S.A. ....	FBAL
Elm, Alabama, U.S.A. ....	EMA	Fairbanks—Short Period, Alaska, U.S.A. ....	FBAS
Elma, New York, U.S.A. (C) .....	ELM	Fairmont, Washington, U.S.A. ....	FTW
Elmalı, Turkey .....	ELL	Fairview Peak, Nevada, U.S.A. (C) .....	FPN
Elmo, Texas, U.S.A. (C) .....	EO2TX	Faja de Cimo, Azores, Portugal .....	FAC
Elmore Ranch, California, U.S.A. (R) .....	ELRC	Fall River, Massachusetts, U.S.A. ....	FLR
Elsinore Mountain, California, U.S.A. (R) .....	ELS	Falling Springs, California, U.S.A. (R) .....	FAL
Eltopia, Washington, U.S.A. ....	ETP	Fanning Island, Line Islands, Kiribati (C) .....	FAN
Elvey, Alaska, U.S.A. (C) .....	ELV	Farallon Islands, California, U.S.A. ....	NFIM
Ely, Nevada, U.S.A. (C) .....	ELY	Faratani, Tuamotu Archipelago, French Polynesia .....	FRT
Ely, Nevada, U.S.A. (C) .....	EY-NV	Farallones, Santiago, Chile .....	FCH
Ely, Nevada, U.S.A. (C) .....	EY2NV	Farga Canyon, California, U.S.A. (R) .....	FRGC
Emae, Vanuatu Islands .....	EME	Farley Peak, California, U.S.A. ....	KFRM
Emmet, California, U.S.A. ....	EMT	Farmington, New Mexico, U.S.A. (C) .....	FARG
Emasson, Switzerland (C) .....	EMO	Farmville, Virginia, U.S.A. ....	FRV
Emossan-Mur, Switzerland .....	EMS	Fara, Portugal .....	FAR
Empire Grade Road, California, U.S.A. (C) .....	EGR	Fatmalar, Turkey (R) .....	FAT
Emporia, Kansas, U.S.A. (C) .....	EM-KA	Faultless, Nevada, U.S.A. (C) .....	FA-NV
Emporia, Kansas, U.S.A. ....	EMK	Favara, Sicily, Italy .....	FAI
Endillioe, South Australia, Australia (R) .....	EDO	Fayetteville, Arkansas, U.S.A. ....	FAV
Engine Test Stand, Nevada, U.S.A. (C) .....	ETS	Fayetteville, Arkansas, U.S.A. (C) .....	FAY
Engineer Hill, Alaska, U.S.A. (C) .....	ENG	Feather Falls, California, U.S.A. (C) .....	FEA
Eniwetok, Marshall Islands (C) .....	EW-IS	Featherly Pass, Alaska, U.S.A. ....	FLP
Ensenada, Baja California, Mexico (R) .....	ENS	Federal Ranch, British Columbia, Canada (C) .....	FRC
Ensenada, Baja California, Mexico .....	ENX	Feldberg in Schwarzwald .....	
Ensenada—CICESE, Baja California, Mexico .....	ECX	Baden-Württemberg, Fed. Rep. of Germany .....	FEL
Entebbe, Uganda (C) .....	ENT	Feng-lin, China (Taiwan) (R) .....	TWE
Enzan, Hanshu, Japan (R) .....	ENZ	Fengtien, Liaoning, China (Mainland) .....	FEN
Epen, Netherlands .....	ENN	Feadosiya, Ukrainian S.S.R., U.S.S.R. ....	FE0
Ephrata, Washington, U.S.A. ....	EPW	Fergana, Uzbek S.S.R., U.S.S.R. ....	FRG
Epi, Vanuatu Islands .....	EPI	Ferguson, Nevada, U.S.A. ....	FERR
Er Rumman, Jordan (R) .....	RUMJ	Fernando Pao, Fernando Pao, Equatorial Guinea .....	MFP
Erdek, Turkey (C) .....	ERD	Ferndale, California, U.S.A. ....	FER
Erevan, Armenian S.S.R., U.S.S.R. ....	ERE	Fernie, British Columbia, Canada (C) .....	FRN
Erice, Sicily, Italy .....	ERC	Fickle Hill, California, U.S.A. ....	FHC
Erie, Pennsylvania, U.S.A. (R) .....	ERP	Fiddymont Ranch, California, U.S.A. ....	AFRM
Ermo, Hokkaido, Japan .....	ERM	Fields Point, Washington, U.S.A. ....	FPW
Erithrai, Greece (R) .....	VTH	Fierza, Albania .....	FRZ
Erlangen, Bayern, Fed. Rep. of Germany .....	GRF	Filaki, Greece (R) .....	VFI
Ernestine, Alaska, U.S.A. (C) .....	ERN	Fillmare, California, U.S.A. (R) .....	FIL
Ernies Place, California, U.S.A. (R) .....	ERPC	Fillmore, Utah, U.S.A. (C) .....	FM-UT
Erzin, R.S.F.S.R., U.S.S.R. (R) .....	ERNS	Finger Bay, Alaska, U.S.A. (C) .....	ADA
Erzurum, Turkey .....	ERZ	Finlay Fork, British Columbia, Canada (C) .....	FNC
Esa Ala, D'Entrecasteaux Islands, Papua New Guinea ..	ESA	Fintinele, Romania (R) .....	FTB
Esa Ala, D'Entrecasteaux Islands, Papua New Guinea ..	ESB	Firariana, Madagascar .....	FRR
Eson, Hokkaido, Japan (R) .....	ESH	Fire Island, Alaska, U.S.A. (C) .....	FIS
Escape Road, Hawaii, U.S.A. ....	ESR	Firenze Ximeniano, Toscana, Italy .....	FIR
Escot, Bearn, France .....	ESCF	Fish Springs, Utah, U.S.A. ....	FSU
Esen Bulak, Mongolia (C) .....	EBM	Fitzroy Harbour, Ontario, Canada (C) .....	FHO
Eskdalemuir, Scotland, United Kingdom .....	ESK	Flagstaff, Arizona, U.S.A. ....	FLAG

Flagstaff, Arizona, U.S.A. (C)	FLG	Fuerstenfeldbruck, Bayern, Fed. Rep. of Germany	FUR
Flagstaff, Arizona, U.S.A. (C)	FS-AZ	Fuji-kawa, Honshu, Japan (R)	FUJ
Flaming Gorge, Utah, U.S.A. (C)	FGU	Fujikirizawa, Honshu, Japan (R)	K11
Flash Two Peak, California, U.S.A.	FLSC	Fukue, Kyushu, Japan	FKJ
Fiat, Utah, U.S.A. (C)	FLA	Fukui, Honshu, Japan (R)	FKJD
Fiat River, Missouri, U.S.A. (C)	FRM	Fukui, Honshu, Japan	FUK
Fleetwood, Alabama, U.S.A.	FLT	Fukuoka, Kyushu, Japan	FKK
Fletcher, Vermont, U.S.A. (C)	FLE	Fukushima, Honshu, Japan	FKS
Fletcher, Vermont, U.S.A.	FLET	Fuller Ranch, Texas, U.S.A.	FRTX
Flin Flon, Manitoba, Canada	FFC	Funaoka, Honshu, Japan (U)	FOTD
Flint Hills, California, U.S.A.	HFHM	Funatsu, Honshu, Japan	FUN
Florence, Toscana, Italy	FIR	Funchal, Madeira Islands, Portugal	FUL
Florissant, Missouri, U.S.A. (C)	FLO	Funeral Mountains, California, U.S.A.	FMT
Flora, Norway	FOO	Fuquene, Colombia	FUO
Flower Mountain, Texas, U.S.A.	FMTX	Furnas, Azores, Portugal	FRA
Focsoni, Romania	FOC	Furtwangen, Baden-Wurtemberg, Fed. Rep. of Germany	FWS
Foggia, Puglia, Italy	FOG	Furusato, Kyushu, Japan (R)	FURD
Foligno, Umbria, Italy (C)	FOL	Fuscalda, Calabria, Italy	FSC
Fool Peak, Utah, U.S.A.	FLU	Fushiki, Honshu, Japan	HKI
Ford Ridge, Utah, U.S.A.	FDU	Futatsui, Honshu, Japan (R)	FUT
Fordham, New York, U.S.A. (C)	FOR	Gabbs, Nevada, U.S.A. (C)	GAB
Forest Hill Divide, California, U.S.A.	ADC	Gable Mountain, Washington, U.S.A.	GBL
Forest Hill Site, California, U.S.A.	AFHM	Gabriel Gonzalez Videla	
Forni Avoltri, Friuli-Venezia Giulia, Italy (R)	FOA	Antarctic Peninsula, Antarctica (C)	GGV
Forsyth, Montana, U.S.A. (C)	FR-MA	Gafsa, Tunisia (R)	GAF
Forsythe, California, U.S.A. (C)	AN2+	Gainesville, Florida, U.S.A.	GAI
Fort Charlotte		Gala Low, Scotland, United Kingdom (C)	EGL
Saint Vincent, St. Vincent and the Grenadines	FCV	Galapagos Islands, Galapagos Islands, Ecuador	GIE
Fort Churchill, Manitoba, Canada	FCC	Galerozamba, Colombia	GAL
Fort Gibson, Oklahoma, U.S.A. (C)	GB0	Galeton, Pennsylvania, U.S.A. (C)	GT-PA
Fort MacArthur, California, U.S.A. (R)	FMA	Galiona Island, British Columbia, Canada (R)	GOB
Fort Mclead, British Columbia, Canada (C)	FT-BC	Galileo, California, U.S.A. (R)	GALC
Fort Nelson, British Columbia, Canada (C)	FL-BC	Galion, Ohio, U.S.A. (C)	GZ-OH
Fort Nelson, Tasmania, Australia (C)	FNT	Gallatin, Tennessee, U.S.A.	GLT
Fort Ross, California, U.S.A.	FTR	Galvasay, Tajik S.S.R., U.S.S.R. (C)	GAY
Fort Saint James, British Columbia, Canada (R)	FSB	Ganki, Honshu, Japan (R)	GKN
Fort Saint James, British Columbia, Canada (C)	FSJ	Ganzirri, Basilicata, Italy	GZI
Fort Sherman, Panama (C)	FH-PM	Gaotai, Gansu, China (Mainland)	GTA
Fort St. Charles, Guadeloupe	BTG	Garchy, Nivernais, France	GRC
Fort Stockton, Texas, U.S.A. (C)	FO-TX	Garland, Texas, U.S.A. (C)	GL-TX
Fort Tejon, California, U.S.A.	FTC	Garm, Tajik S.S.R., U.S.S.R.	GAR
Fort Yukon, Alaska, U.S.A.	FY1	Garmisch-Partenkirchen, Bayern, Fed. Rep. of Germany	GAP
Fort Yukon, Alaska, U.S.A.	FY2	Garnes Mountain, Idaho, U.S.A. (C)	GMI
Fort Yukon, Alaska, U.S.A. (C)	FY3	Garret Mountain, New Jersey, U.S.A.	GMTN
Fort Yukon, Alaska, U.S.A. (C)	FY4	Garrison, New York, U.S.A.	GARN
Fort Yukon, Alaska, U.S.A.	FY5	Garrison Hill, Washington, U.S.A.	GHW
Fort Yukon, Alaska, U.S.A.	FYU	Gasbuggy, New Mexico, U.S.A. (C)	GB-NM
Fort de France, Martinique	FDF	Gauribidanur Array, Karnataka, India	GBA
Fortuna Mine, Arizona, U.S.A. (R)	FTM	Gaylord, Minnesota, U.S.A. (C)	GY-MN
Fosdinovo, Toscana, Italy (R)	FS1	Gebbies Pass, South Island, New Zealand (C)	GPZ
Fouillouse, Provence, France	FOUF	Gebze, Turkey (R)	GEB
Foulwind, South Island, New Zealand (C)	FLW	Gedeh, Jawa, Indonesia (C)	GED
Four Mile Canyon, Oregon, U.S.A.	FMC	Geehi, New South Wales, Australia (C)	GEE
Fox Airport, California, U.S.A. (R)	FOX	Gegechkari, Georgian S.S.R., U.S.S.R.	GEG
Foz do Areia, Parana, Brazil	FDA	General Santos, Mindanao, Philippines (R)	GTP
Foz do Areia, Parana, Brazil (R)	FDA4	Genoa, Liguria, Italy	GEN
Foz do Areia, Parana, Brazil	FDA5	Genoa, Nevada, U.S.A.	GNO
Francis Marion National Forest		Genova, Liguria, Italy	GEN
South Carolina, U.S.A. (C)	FMF	Gento-Ana, Hokkaido, Japan (R)	GENH
Francis Peak, Utah, U.S.A.	FPU	Gentilly, Quebec, Canada	GNT
Francania Natch, New Hampshire, U.S.A. (C)	FNN	Geological Survey, Reston, Virginia, U.S.A.	GSR
Franklin, West Virginia, U.S.A. (C)	FN-WV	Geophysical Institute, Univ. of Alaska	
Franktown, Colorado, U.S.A. (C)	FK-CO	Alaska, U.S.A. (C)	GIA
Frederick, Maryland, U.S.A. (R)	FDM	George Von Neumeyer	
Frederick Butte, Oregon, U.S.A.	VFBM	Greater Antarctica, Antarctica (R)	VNA
Fredericton, New Brunswick, Canada	UNB	Georgetown, District of Columbia, U.S.A.	GEO
Fremont Peak, California, U.S.A.	FRP	Georgetown, Delaware, U.S.A.	GTD
French Village, Missouri, U.S.A.	FVM	Geraldton, Ontario, Canada	GTO
Fresno, California, U.S.A. (C)	FRE	Germantown, New York, U.S.A.	GERM
Friant, California, U.S.A.	FRI	Geyser Peak, California, U.S.A.	GGPM
Friars Hill, Antigua, Antigua and Barbuda	ANG	Geysers, California, U.S.A.	GDXM
Frijoles Canyon, New Mexico, U.S.A. (C)	FCN	Gibilmana, Sicily, Italy	GIB
Frink, California, U.S.A. (R)	FRK	Gifu, Honshu, Japan	GIF
Frabisher, Northwest Territories, Canada	FRB	Gilahina Butte, Alaska, U.S.A.	GLB
Frabisher Bay, Northwest Territories, Canada (C)	FBC	Gilbert, Nevada, U.S.A. (U)	GBT
Front Royal, Virginia, U.S.A. (R)	FTV	Gilbert Hill, Idaho, U.S.A. (C)	GHI
Froya, Norway	FRO	Gilboa, New York, U.S.A.	GILB
Frunze, Kirghiz S.S.R., U.S.S.R.	FRU	Gileppe, Belgium	GIP
Fube, Honshu, Japan (C)	FUB	Giles, Western Australia, Australia (C)	GLS
Fuego, Guatemala	FGO	Gillis, Nevada, U.S.A. (U)	GILR



Gilmore Creek, Alaska, U.S.A. (C)	GIL	Graefenberg Array, Bayern, Fed. Rep. of Germany	GRB5
Gilmore Dome, Alaska, U.S.A.	GLM	Graefenberg Array, Bayern, Fed. Rep. of Germany	GRC1
Gilray Hot Springs, California, U.S.A.	GHS	Graefenberg Array, Bayern, Fed. Rep. of Germany	GRC2
Gilroy West, California, U.S.A.	HGWM	Graefenberg Array, Bayern, Fed. Rep. of Germany	GRC3
Gippayama, Honshu, Japan (R)	GPY	Graefenberg Array, Bayern, Fed. Rep. of Germany	GRC4
Giran, China (Taiwan)	ILA	Graefenberg Array, Bayern, Fed. Rep. of Germany	GRF
Girl Scout Camp, New York, U.S.A. (R)	GSCY	Grafton, New York, U.S.A. (C)	GFN
Gisbarne, North Island, New Zealand	GNZ	Grahamstown, Cape Province, South Africa (C)	GRH
Gissar, Tajik S.S.R., U.S.S.R. (C)	GIS	Grahamstown, Cape Province, South Africa	GRM
Giza, Solomon Islands	GIZ	Granada, Spain	CRT
Glacier Island, Alaska, U.S.A. (C)	GLC	Granbergs Dal, Sweden (R)	GBD
Glacier Island, Alaska, U.S.A.	GLI	Grand Ballon, Alsace, France (C)	GBF
Glacier Peak, Washington, U.S.A. (C)	GC-WA	Grand Cayman, Cayman Islands	GCM
Glacier Shelter, North Island, New Zealand (C)	GSZ	Grand Caulee, Washington, U.S.A. (C)	GCW
Gladstone Stream, South Island, New Zealand (C)	GSP	Grand Dixence, Switzerland	DIX
Glafira, Greece (R)	VGL	Grand Rapids, Minnesota, U.S.A. (C)	GP-MN
Glamis, California, U.S.A.	GLA	Grand Remous, Quebec, Canada	GRQ
Glashutten, Austria	GHA	Grand Saline, Texas, U.S.A. (C)	GA-TX
Glen Almond, Quebec, Canada	GAC	Grand Saline, Texas, U.S.A. (C)	GA2TX
Glen Avon, California, U.S.A.	GAV	Grand Saline, Texas, U.S.A. (C)	GA3TX
Glen Canyon, Arizona, U.S.A.	GCA	Grand Wintersberg, Alsace, France	GWF
Glen Cave, New York, U.S.A.	GCY	Grand-Bara, Djibouti	GBR
Glendive, Montana, U.S.A. (C)	GI-MA	Grandfather Mountain, North Carolina, U.S.A.	GFM
Glenmuick, South Island, New Zealand (C)	GLE	Grange, Tobago, Trinidad and Tobago	GNG
Glentunnel, South Island, New Zealand (C)	WAI	Granges-Gontardes, Languedoc, France (C)	GGF
Glenview, California, U.S.A.	GGLM	Granite Bay, Alaska, U.S.A.	GBY
Glabbe, Arizona, U.S.A. (C)	GE-AZ	Granite Butte, Montana, U.S.A. (C)	GBM
Glory Hole Creek, Alaska, U.S.A.	GHO	Granite Creek, California, U.S.A.	GCC
Gloucester, Massachusetts, U.S.A.	GLO	Granite Mountain, Alaska, U.S.A. (C)	GMA
Glauersville, New York, U.S.A.	GLOV	Granite Mountain, Utah, U.S.A.	GMU
Gname, New Mexico, U.S.A. (C)	GN-NM	Granite Pass, California, U.S.A. (R)	GRP
Gaa, Gaa, Daman and Diu, India	GOA	Graniteville, South Carolina, U.S.A. (C)	GVS
Goat Mountain, Oregon, U.S.A.	VGTM	Grant Creek, Idaho, U.S.A.	GRCI
Gabbelet, New York, U.S.A. (R)	GOBY	Grant Village, Wyoming, U.S.A. (R)	YPGV
Godhavn, Greenland	GDH	Grantsville, Maryland, U.S.A. (C)	GS-MD
Goettingen, Niedersachsen, Fed. Rep. of Germany	GTT	Grapevine, Texas, U.S.A. (C)	GV-TX
Gold Hill, California, U.S.A.	GHC	Grapevine, California, U.S.A.	GVN
Gold King Creek, Alaska, U.S.A.	GKC	Grass Mountain, Washington, U.S.A.	GSM
Gold Mountain, Nevada, U.S.A.	GMN	Grass Mountain, Oregon, U.S.A.	VGMM
Gold Mountain, Washington, U.S.A.	GMW	Gratio, Tennessee, U.S.A.	GRT
Gold River, British Columbia, Canada	GDR	Gray Butte, California, U.S.A.	LGBM
Gold Rush Inn, California, U.S.A.	AGIM	Grayling Creek, Montana, U.S.A.	GCR
Golden, Colorado, U.S.A.	GLD	Grayson, Kentucky, U.S.A.	PKKY
Golden, New Mexico, U.S.A.	GNM	Graz, Austria (C)	GRA
Golden, Colorado, U.S.A.	GOL	Great Barrier, North Island, New Zealand	GBZ
Goldfield, Nevada, U.S.A. (C)	GF-NV	Great Sitkin, Alaska, U.S.A.	AD1
Goldstone, California, U.S.A.	GSC	Great Whole River, Quebec, Canada (C)	GWC
Goldstream Park, British Columbia, Canada	GSTB	Green Bank, West Virginia, U.S.A.	GBV
Golpazari, Turkey	GPA	Green Peter, Oregon, U.S.A.	VGPM
Gonen, Turkey (C)	GET	Green Valley Road, California, U.S.A.	GVR
Gongen, Kyushu, Japan (R)	GON	Greenback, Tennessee, U.S.A.	GBTN
Gonzales, British Columbia, Canada	VGZ	Greenpond, New Jersey, U.S.A.	GPD
Goachland, Virginia, U.S.A.	GHV	Greensboro, Georgia, U.S.A.	GBG
Goodnow Flow, New York, U.S.A.	GNF	Greenvale, Victoria, Australia	GVL
Gordan, Nebraska, U.S.A. (C)	GO-NB	Greenville, Mississippi, U.S.A. (C)	GH-MSS
Gordon Butte, Washington, U.S.A.	GOB	Greenville, Missouri, U.S.A. (C)	GRV
Gari, Georgian S.S.R., U.S.S.R.	GOR	Greenwater Valley, California, U.S.A.	GWV
Garis, Armenian S.S.R., U.S.S.R.	GRS	Greenwich, Jamaica	GWJ
Garje, Yugoslavia (C)	GRJ	Grenada, Grenada	GRE
Garnyy, R.S.F.S.R., U.S.S.R. (C)	GOY	Grenoble, Dauphine, France	GRN
Goraka, New Guinea, Papua New Guinea (C)	GKA	Grenoble, Dauphine, France (C)	GRN*
Goraka, New Guinea, Papua New Guinea (C)	GRK	Gretna, Nebraska, U.S.A. (C)	GAN
Goraka, New Guinea, Papua New Guinea (C)	GRK1	Greymouth, South Island, New Zealand (C)	GRY
Gorran, Normandie, France	GRR	Griffith Observatory, California, U.S.A.	GOC
Goteborg, Sweden (C)	GOT	Grit, Texas, U.S.A. (C)	GR1TX
Gatenba, Honshu, Japan (C)	GTN	Grit, Texas, U.S.A. (C)	GR2TX
Govalkot, Maharashtra, India (C)	GOV	Griva, Greece	GRG
Gozaisho, Honshu, Japan (C)	GOZ	Grizzly Peak, Utah, U.S.A.	GZU
Grace West, California, U.S.A. (R)	PGWM	Groom Lake Road, Nevada, U.S.A.	GLR
Graefenberg, Bayern, Fed. Rep. of Germany (C)	GG-GR	Groom Range, Nevada, U.S.A.	GMR
Graefenberg, Bayern, Fed. Rep. of Germany	GRF0	Grasador, Bahia, Brazil	SOB4
Graefenberg Array, Bayern, Fed. Rep. of Germany	GRA1	Grasses Raches, Quebec, Canada	GSQ
Graefenberg Array, Bayern, Fed. Rep. of Germany	GRA2	Grasshau, Nordrhein-Westfalen, Fed. Rep. of Germany	GSH
Graefenberg Array, Bayern, Fed. Rep. of Germany	GRA3	Gratta Gigante, Friuli-Venezia Giulia, Italy	TRI
Graefenberg Array, Bayern, Fed. Rep. of Germany	GRA4	Ground Zero, Nevada, U.S.A. (C)	GZN
Graefenberg Array, Bayern, Fed. Rep. of Germany	GRA5	Ground Zero, Nevada, U.S.A. (C)	ZOX
Graefenberg Array, Bayern, Fed. Rep. of Germany	GRB1	Grouse Mountain, California, U.S.A.	KGMM
Graefenberg Array, Bayern, Fed. Rep. of Germany	GRB2	Grove, Montserrat (C)	MWI
Graefenberg Array, Bayern, Fed. Rep. of Germany	GRB3	Grover, Nevada, U.S.A.	GRX
Graefenberg Array, Bayern, Fed. Rep. of Germany	GRB4	Groznyy, R.S.F.S.R., U.S.S.R.	GRO

Grundy, Virginia, U.S.A. (C)	GD-VA	Hamilton, New York, U.S.A. (C)	HNY
Guadalajara, Jalisco, Mexico	GUM	Hamilton Ranch, California, U.S.A.	HMR
Guadalupe, Peru	PT03	Hamta, Jordan (R)	HMTJ
Guadarrama, Spain	GUD	Hanceville, Alabama, U.S.A.	HVA
Guam, Guam, Mariana Islands	GUA	Handley 1, Nevada, U.S.A. (C)	PH3NV
Guam, Guam, Mariana Islands	GUMO	Handley 6, Nevada, U.S.A. (C)	PH4NV
Guangzhou, Guangdong, China (Mainland)	GZH	Haney, British Columbia, Canada	HNB
Guantanamo, Cuba (C)	GM-CU	Haney, British Columbia, Canada (C)	HYC
Guantanamo Bay, Cuba (C)	GBC	Hanford, Washington, U.S.A.	HAN
Guaraci Nunes, Amapa, Brazil (R)	GNB	Hanford Gable Butte, Washington, U.S.A.	HGB
Guatemala Basin O.B.S. 1		Hannah, North Dakota, U.S.A. (C)	HH-ND
Guatemala Basin, North Pacific Ocean	GB01	Hannah, North Dakota, U.S.A. (C)	HH2ND
Guatemala Basin O.B.S. 2		Hanning Flat, California, U.S.A.	WHFM
Guatemala Basin, North Pacific Ocean	GB02	Hanover, New Hampshire, U.S.A.	HNH
Guatemala Basin O.B.S. 3		Hansel Valley, Utah, U.S.A.	HVU
Guatemala Basin, North Pacific Ocean	GB03	Hard Times Estate, Nevis, Saint Christopher-Nevis	NEV
Guatemala Basin O.B.S. 4		Harding Lake, Alaska, U.S.A.	HDA
Guatemala Basin, North Pacific Ocean	GB04	Harlan Ranch, California, U.S.A.	PHAM
Guatemala Basin O.B.S. 5		Harlequin Lake, Alaska, U.S.A.	HON
Guatemala Basin, North Pacific Ocean	GB05	Harmony Heights, Idaho, U.S.A. (C)	HNI
Guatemala Basin O.B.S. 6		Harold F. Rass, California, U.S.A.	AHRM
Guatemala Basin, North Pacific Ocean	GB06	Harris Ranch, California, U.S.A. (C)	HRC
Guatemala Basin O.B.S. 7		Harrisonburg, Virginia, U.S.A.	HBY
Guatemala Basin, North Pacific Ocean	GB07	Hartford, Connecticut, U.S.A. (C)	HAR
Guatemala Basin O.B.S. 8		Hartland, England, United Kingdom	HTL
Guatemala Basin, North Pacific Ocean	GB08	Harts Bluff, South Carolina, U.S.A.	HBF
Guatemala City, Guatemala	GCG	Harvard-Oak Ridge, Massachusetts, U.S.A.	HRV
Guaymas, Sonora, Mexico	GYM	Hashikami, Honshu, Japan (R)	HSH
Guiyang, Guizhou, China (Mainland)	GYA	Hassan Addakhil Dam, Morocco	HAD
Gun Site Peak, Utah, U.S.A. (C)	GSUT	Hastings, North Island, New Zealand (C)	HAS
Gunnerudsaeter, Sweden	GNN	Hastings, Minnesota, U.S.A. (C)	HT-MN
Gunungsitali, Sumatera, Indonesia (R)	GS1	Hastings State Park, California, U.S.A.	BHSM
Gura Ziata, Romania	GZR	Hata, Honshu, Japan (R)	HATH
Guri, Venezuela	GUU	Hatchie Coan Island, Arkansas, U.S.A. (R)	HCI
Guri Network, Venezuela (R)	GUU1	Hatidyazima, Banin Islands, Japan	HJJ
Guri Network, Venezuela (R)	GUU2	Haudompre, Franche Comte, France	HAU
Guri Network, Venezuela (R)	GUU3	Hauterive, Quebec, Canada	HTO
Guri Network, Venezuela (R)	GUU4	Havelock North, North Island, New Zealand (C)	HNZ
Guri Network, Venezuela (R)	GUU5	Haverah Park, England, United Kingdom	HPK
Guwahati, Assam, India (R)	GWH	Haverstraw, New York, U.S.A.	HAVE
Guyat Hills, Alaska, U.S.A.	GYO	Havilah, California, U.S.A. (C)	HAV
Guysborough, Nova Scotia, Canada (R)	GBN	Havilah, California, U.S.A.	WHVM
Gyours, Turkmen S.S.R., U.S.S.R. (R)	GAUS	Havre, Montana, U.S.A. (C)	HY-MA
H. Mason, Oregon, U.S.A.	HMO	Hawaii Institute of Geophysics, Hawaii, U.S.A.	HIG
Habara, Hokkaido, Japan (C)	HAB	Hawaii Island, Hawaii, U.S.A. (C)	HW-IS
Hachijo-jima, Banin Islands, Japan	HJJ	Hawaiian Beaches, Hawaii, U.S.A.	HBH
Hachinohe, Honshu, Japan	HAC	Hawaiian Volcano Observatory, Hawaii, U.S.A.	HVO
Hacienda Drive, California, U.S.A. (R)	AHDM	Hawk Springs, Wyoming, U.S.A. (C)	HK-WY
Haddam, Connecticut, U.S.A.	HDM	Hawks Nest, South Australia, Australia (R)	HKN
Haddam Neck, Connecticut, U.S.A.	MD4	Hay Springs, Nebraska, U.S.A. (C)	HS-NB
Hagfors, Sweden	HFS	Hayfield, California, U.S.A.	HAY
Haibara, Honshu, Japan	HBR	Haystack Butte, California, U.S.A. (R)	HYS
Haidhof, Bayern, Fed. Rep. of Germany	GRA1	Haystack Lookout, Washington, U.S.A.	HTW
Haifa, Israel (C)	HAF	Headquarters, Colorado, U.S.A. (C)	HDO
Hailey, Idaho, U.S.A. (C)	HL-ID	Healdsburg, California, U.S.A.	NHBM
Hailey, Idaho, U.S.A. (C)	HL2ID	Heard Island, Heard Island (C)	HII
Haines Junction, Yukon Territory, Canada	HYT	Hearst Castle, California, U.S.A.	PHCM
Haiwee, California, U.S.A. (C)	HAI	Heber, Arizona, U.S.A. (C)	HR-AZ
Haiwee Spring South, California, U.S.A.	HWSM	Heda, Honshu, Japan (U)	HDAN
Hakodate, Hokkaido, Japan	HAK	Heda, Honshu, Japan (R)	HEDN
Halaksitan, Djibouti	HLD	Hedekas, Sweden (R)	HED
Hale Pahaku, Hawaii, U.S.A.	HPU	Heerlen, Netherlands	HEE
Haleakala, Hawaii, U.S.A.	HLK	Heidelberg, Baden-Wurttemberg, Fed. Rep. of Germany	HEI
Haleakala, Hawaii, U.S.A.	HLK	Heiheihulu, Hawaii, U.S.A.	HUL
Halifax, Nova Scotia, Canada	HAL	Heizo, North Korea (C)	PYO
Hall's Lagoon, New South Wales, Australia (C)	HLA	Helgoland, Fed. Rep. of Germany	HLG
Halle, German Dem. Rep.	HLE	Helmsville, Montana, U.S.A. (C)	HLM
Hallett, Greater Antarctica, Antarctica (C)	HLL	Helsingfors, Finland	HEL
Hallett, South Australia, Australia	HTT	Helinski, Finland	HEL
Halley Bay, Greater Antarctica, Antarctica (C)	HBA	Helvecia, Santa Fe, Argentina (R)	HSFA
Hallstavi, Sweden (R)	HVK	Helwan, Egypt	HLW
Hamada, Honshu, Japan	HMD	Hempstead, Texas, U.S.A. (C)	HE-TX
Hamamatsu, Honshu, Japan	HMM	Henchuan, China (Taiwan)	HEN
Hamamatu, Honshu, Japan	HMM	Hendrik Verwaerd Dam, Cape Province, South Africa	HYD
Hamburg, Hamburg, Fed. Rep. of Germany	HAM	Heng-chun, China (Taiwan)	HEN
Hamburg, New York, U.S.A. (C)	HMB	Heniu Mare, Romania	HNM
Hamellon Butte, Oregon, U.S.A.	VHBM	Hepp, Alaska, U.S.A. (C)	HPP
Hamer Butte, Idaho, U.S.A. (C)	HID	Herceg Novi, Yugoslavia	HCY
Hamilton, Ontario, Canada (C)	HML	Heredia, Costa Rica (C)	HDC
Hamilton, Alaska, U.S.A.	HMT	Heredia, Costa Rica	HDC2

Hereke, Turkey	HRT	Hope, Jamaica (C)	HOP
Hermanus, Cape Province, South Africa	HER	Hornachuelos, Spain	EHOR
Hermiston, Oregon, U.S.A.	HRO	Horndal, Sweden (R)	HRN
Hernandez Valley, California, U.S.A.	HVC	Hornsund, Svalbard, Norway (R)	HSP
Hiawatha, Kansas, U.S.A.	HWK	Horomina, Hokkaido, Japan (R)	HORH
Hicks Bay, North Island, New Zealand (R)	HBZ	Horse Canyon, Utah, U.S.A. (C)	HCU
Hidaka, Hanshu, Japan (C)	HDK	Horsefly Mountain, Oregon, U.S.A.	VHYM
Hidaka-cho, Hokkaido, Japan (R)	HIC	Horseshoe Bay, British Columbia, Canada (C)	HBC
Hidalgo Mountain, California, U.S.A.	HDG	Horta, Azores, Portugal	HOR
Hidden Bay, Alaska, U.S.A.	AD4	Hoshino, Hanshu, Japan	HSJ
Hidden Lake, Pennsylvania, U.S.A. (C)	HKP	Haskins, New Britain, Papua New Guinea (C)	DAW
High Heaven, Oregon, U.S.A.	VHHM	Hot Caves, Hawaii, U.S.A.	HTC
Highclere, Barbados	BDH	Hot Creek Range, Nevada, U.S.A.	HCR
Highland Field, Barbuda, Antigua and Barbuda	BWL	Hot Spot, Washington, U.S.A. (C)	HSW
Highland Springs, California, U.S.A.	GHLM	Hot Springs Basin, Wyoming, U.S.A. (R)	YPHS
Highlands Ranch, Colorado, U.S.A. (C)	HLR	Hot Springs Mountain, California, U.S.A.	HOT
Hikami, Hanshu, Japan (R)	HMTD	Hatakeiwa, Hanshu, Japan (R)	HTK
Hikinohira, Kyushu, Japan (R)	HIKD	Houlton, Maine, U.S.A. (C)	HN-ME
Hikane, Hanshu, Japan	HIK	Houlton, Maine, U.S.A.	HNME
Hilina Pali, Hawaii, U.S.A.	HLP	House Creek, California, U.S.A.	GHCM
Hila, Hawaii, U.S.A.	HIL	Houston, Texas, U.S.A.	HOU
Himeji, Hanshu, Japan	HIM	Houston, Alaska, U.S.A.	PWA
Himekani, Hanshu, Japan (R)	HMK	Houston—Electra-Tech, Texas, U.S.A. (C)	HET
Hinchinbrook Island, Alaska, U.S.A.	HIN	Howard, Pennsylvania, U.S.A. (C)	HD-PA
Hinckley, Maine, U.S.A.	HKM	Howe Peak, Idaho, U.S.A.	HPI
Hinemoiaia, North Island, New Zealand (R)	HATZ	Howrah, West Bengal, India	HOW
Hinesburg, Vermont, U.S.A.	HBVT	Hoyanger, Norway	HYA
Hingaroa, North Island, New Zealand (R)	HITZ	Hoyt Mine, Nevada, U.S.A.	HYX
Hino-misaki, Hanshu, Japan (R)	HNMJ	Hoyt Peak, Utah, U.S.A.	HTU
Hinohara, Hanshu, Japan (R)	HHR	Hsian, Shaanxi, China (Mainland) (C)	SIA
Hinton, West Virginia, U.S.A.	HWV	Hsian, Shaanxi, China (Mainland)	XAN
Hiratsu, Hanshu, Japan (U)	HRTT	Hsin-chu, China (Taiwan)	HSN
Hirodai, Hanshu, Japan (R)	HRD	Hsin-kang, China (Taiwan)	HSI
Hiragawara, Hanshu, Japan (R)	HRG	Hsin-ying, China (Taiwan)	TWK
Hiroa, Hokkaido, Japan	HOQ	Hsinking, Jilin, China (Mainland) (C)	HSK
Hiroa 2, Hokkaido, Japan	HOQJ	Hsinking, China (Taiwan)	HSI
Hiroshima, Hanshu, Japan	HIR	Hsu-chia-hui, Shanghai, China (Mainland)	ZKW
Hoa-Binh, Vietnam	HBVN	Hua-lien, China (Taiwan)	HWA
Hobart, Tasmania, Australia (C)	FNT	Hualalai, Hawaii, U.S.A.	HUH
Hobart, Oklahoma, U.S.A. (C)	HB-OK	Hualilan, San Juan, Argentina	HLN
Hobart Mills, California, U.S.A. (C)	HBM	Huancayo, Peru	HUA
Hobart Mills, California, U.S.A.	HBT	Huanuco, Peru (R)	HCO
Hockley, Texas, U.S.A.	HKT	Huaraz, Peru	HUZ
Hodge, California, U.S.A. (R)	HOD	Huaypira, Peru (R)	CHP5
Hof, Bayern, Fed. Rep. of Germany	HOE	Huddart Park, California, U.S.A.	JHPM
Hog Canyon, California, U.S.A.	PHGM	Huka, North Island, New Zealand (R)	HUTZ
Hog Mountain, California, U.S.A.	GHGM	Hull Mountain, California, U.S.A.	GHMM
Hoggard's Bluff, Arkansas, U.S.A.	HOGG	Humahuaca, Jujuy, Argentina	HJA
Hogget Hill, South Island, New Zealand (C)	HHP	Humbligny, Berry, France	HYF
Hohenheim		Humuola Sheep Station, Hawaii, U.S.A.	HMH
Baden-Wuerttemberg, Fed. Rep. of Germany (C)	HOH	Hundersingen, Baden-Wuerttemberg, Fed. Rep. of Germany	HUN
Hohhot, Inner Mongolia, China (Mainland)	HHC	Hungry Horse, Montana, U.S.A. (C)	HHM
Hohkeppel, Nordrhein-Westfalen, Fed. Rep. of Germany	HOK	Hunton Valley, Nevada, U.S.A.	HCK
Hokigiyama, Hanshu, Japan (R)	HOKE	Hunton Valley, Nevada, U.S.A. (U)	HVL
Hokkaido University, Hokkaido, Japan	HSS	Hurbanova, Czechoslovakia	HRB
Hokoriku, Hanshu, Japan (R)	HKJ	Huran Fishing Bridge, California, U.S.A. (R)	PHBM
Hokato, China (Taiwan)	PNG	Hurricane, Alaska, U.S.A. (C)	HUR
Hole, Nevada, U.S.A. (R)	HLX	Hurricane Hollow, Tennessee, U.S.A. (C)	HHT
Holland Mills, Quebec, Canada (C)	HMC	Husbands, Barbados	BDS
Hollywood, South Carolina, U.S.A.	HWD	Huxley Gorge, South Island, New Zealand (C)	HGP
Halstrom Ranch, California, U.S.A.	JHLM	Huzimizaka, Hanshu, Japan (R)	HZA
Halt, Alabama, U.S.A. (R)	HLT	Hwalien, China (Taiwan)	HWA
Halter Research Foundation—Helena, Montana, U.S.A.	HRF	Hwange, Zimbabwe (R)	HWZ
Halter Research Foundation—York Bridge		Hyde Park, Utah, U.S.A.	HOU
Montana, U.S.A.	HRV	Hyderabad, Andhra Pradesh, India (C)	HYD
Haly Cross, California, U.S.A. (C)	HCC	Hyderabad—Nat. Geophysical Research Inst.	
Hamer, Alaska, U.S.A.	HOM	Andhra Pradesh, India	HYB
Homestead National Monument, Nebraska, U.S.A.	HMN	Hysham, Montana, U.S.A. (C)	HY-MA
Honcut, California, U.S.A.	OHCM	I-lan, China (Taiwan)	ILA
Hondo, Kyushu, Japan (R)	HONK	Iasi, Romania	IAS
Hang Kang, Hang Kang	HKC	Ibukisan, Hanshu, Japan (C)	IBU
Hango, Hanshu, Japan	HGJ	Ibukiyama, Hanshu, Japan (C)	IBU
Hango, Hanshu, Japan (C)	HNG	Ica, Peru	ICA
Haniara, Solomon Islands	HNR	Ice Cap, Greenland (C)	IC-GL
Hanjo, Hanshu, Japan	HJH	Ichihara, Hanshu, Japan (R)	ICH
Hanjo, Hanshu, Japan (R)	HJY	Ichinamiya, Shikoku, Japan (U)	INMK
Hanolulu, Hawaii, U.S.A. (C)	HNL	Ichiyama, Hanshu, Japan (R)	ICY
Hanolulu, Hawaii, U.S.A.	HON	Idaha Array, Idaho, U.S.A. (C)	IDA
Hanuapa, Hawaii, U.S.A.	HPO	Ifrane, Morocco	IFR
Hood Meadows East, Oregon, U.S.A.	VHEM	Iglalik, Northwest Territories, Canada	IGL
Hape, Jamaica	HOJ		

Igron, Tajik S.S.R., U.S.S.R. (R)	IGR	Isla Guadalupe, Baja California, Mexico (R)	IGM
Iguala--Cerra de Tuxpan, Guerrero, Mexico	III	Isla Mana, Puerto Rico	IMO
Iida, Honshu, Japan	IID	Isla Mana, Puerto Rico (C)	IMR
Iida Outpost, Honshu, Japan	IIDJ	Isla Sacarro, Colima, Mexico	SRR
Iinan, Honshu, Japan (C)	INA	Isla de Albaron, Spain	ALR
Iizuka, Kyushu, Japan (C)	IZK	Isla de Pascua, Valparaiso, Chile (C)	PSC
Iizume, Honshu, Japan (R)	IZMH	Isla del Cano, Costa Rica (R)	IDC
Ikusaka, Honshu, Japan (C)	IKJ	Islad Lagoan, South Australia, Australia (C)	ILN
Ili, Kazakh S.S.R., U.S.S.R. (C)	ILI	Isaka, Zambia (R)	IKZ
Iliamna, Alaska, U.S.A.	ILM	Isola, Provence, France	ISO
Ilaile, Panay, Philippines (C)	ILO	Isola d'Ischia, Campania, Italy (C)	CSM
Imodeyama, Honshu, Japan (R)	IMAT	Issarbe, Bearn, France	ISSF
Imagane, Hokkaido, Japan (R)	IMG	Issek Taufreg, Algeria (C)	IAA
Imajo, Honshu, Japan (R)	IMJ	Istanbul, Turkey	IST
Imphal, Manipur, India	IMP	Istanbul, Turkey	TBZ
In Amquel, Algeria (C)	IAA	Istanbul--Kandilli, Turkey	ISK
Inawashiro, Honshu, Japan (C)	AID	Istria, Romania	ISR
Inchon, South Korea (C)	INC	Itadori, Honshu, Japan (R)	ITD
Independence, California, U.S.A.	IND	Itaipu, Parana, Brazil	ITB
Indian Gallows		Itaipu, Parana, Brazil	ITB1
Saint Vincent, St. Vincent and the Grenadines (R)	SVG	Itaipu, Parana, Brazil	ITB7
Indian Meadow, Wyoming, U.S.A.	IMW	Itanagar, Arunachal Pradesh, India	INR
Indian Mountain, Alaska, U.S.A.	IMA	Itaparica, Pernambuco, Brazil	ITR
Indian Valley, California, U.S.A.	PIVM	Itatiaia, Rio de Janeiro, Brazil	ITA
Indiana Array, Indiana, U.S.A.	IN1	Itezhi--Tezhi, Zambia	ITZ
Indiana Array, Indiana, U.S.A.	IN2	Ithaca, New York, U.S.A.	INY
Indiana Array, Indiana, U.S.A.	IN3	Ithaca, New York, U.S.A. (C)	ITH
Indiana Array, Indiana, U.S.A.	IN4	Ithomi, Greece	ITM
Indiana State University, Indiana, U.S.A. (R)	ISU	Ito, Honshu, Japan (C)	ITO
Indianola, Nebraska, U.S.A.	INDN	Itaigawa, Honshu, Japan (U)	ITGE
India Hills, California, U.S.A. (R)	INDC		
Infanta, Luzon, Philippines (R)	INF	Itzapa, Guatemala	ITG
Inge Lehmann, Greenland (C)	ILG	Iultin, R.S.F.S.R., U.S.S.R.	ILT
Ingram Point, Oregon, U.S.A.	VIPM	Ivangrad, Yugoslavia	IVA
Ingram Ranch, California, U.S.A.	ING	Ivigut, Greenland (C)	IVI
Ink, Arkansas, U.S.A. (C)	IK-AR	Iwai-Kita, Honshu, Japan (R)	IWJ
Inkapah, California, U.S.A.	IKP	Iwaki, Honshu, Japan (R)	IWK
Innsbruck, Austria	IBK	Iwanai, Hokkaido, Japan (R)	IWN
Innsbruck, Austria (C)	INN	Iwaason, Honshu, Japan (U)	IWO
Inspiration, California, U.S.A.	INS	Iwatsuki, Honshu, Japan (R)	IWT
Institut, R.S.F.S.R., U.S.S.R. (R)	INSS	Iwajima, Bonin Islands, Japan (C)	YUO
Institut Agronomique, Guadeloupe (R)	IAG	Ixtaca, Guatemala	IXG
Instituto de Ingenieria, UNAM		Ixtapalapa, Distrito Federal, Mexico (C)	IXT
Distrito Federal, Mexico	IIM	Izmir, Turkey	IZM
Int'l Inst. of Seismology and Earthquake Eng.		Iznik, Turkey (R)	IZN
Honshu, Japan	IIS	Izuhara, Kyushu, Japan	IZU
Inuba, Honshu, Japan (R)	INB	Izumi, Honshu, Japan (R)	IZT
Inuvik, Northwest Territories, Canada	INK	Jackerath, Nordrhein-Westfalen, Fed. Rep. of Germany	JCK
Inuyama, Honshu, Japan	INU	Jackman, Maine, U.S.A.	JKM
Inveralochy, New South Wales, Australia (C)	INV	Jackson, Tennessee, U.S.A. (C)	JS-TN
Inveralochy, New South Wales, Australia (R)	IYV	Jacksonville, Florida, U.S.A. (C)	JAC
Io-jima, Bonin Islands, Japan (C)	YUO	Jahuel, Aconcagua, Chile	JACH
Iane, Nevada, U.S.A. (C)	IO-NV	Jakarta, Jawa, Indonesia	DJA
Ipah, Peninsular Malaysia, Malaysia	IPM	Jamestown, California, U.S.A. (C)	JAS
Iquique, Tarapaca, Chile	IQO	Jamestown, California, U.S.A.	JAS1
Ira, Vermont, U.S.A.	IYT	Jamestown, California, U.S.A. (R)	JMS
Iran Long-Period Array, Iran	IR1	Jan Mayen, Jan Mayen Islands, Norway	JMI
Iran Long-Period Array, Iran	IR2	Jan Mayen East, Jan Mayen Islands, Norway	JNE
Iran Long-Period Array, Iran	IR3	Jan Mayen West, Jan Mayen Islands, Norway	JNW
Iran Long-Period Array, Iran	IR4	Janina, Greece	JAN
Iran Long-Period Array, Iran	IR5	Jaout, Bearn, France	JAU
Iran Long-Period Array, Iran	IR6	Jasper, Minnesota, U.S.A. (C)	JA-MN
Iran Long-Period Array, Iran	IR7	Jasper, Alberta, Canada (C)	JP-AT
Iris, California, U.S.A. (R)	IRS	Jato, Guatemala	JAT
Irkutsk, R S F S R., U.S.S.R.	IRK	Jayapura, Irian Jaya, Indonesia	JAY
Iron Canyon, California, U.S.A.	IRC	Jehonathan, Israel (C)	JNI
Iron Mountains, California, U.S.A. (R)	IRN	Jena, Louisiana, U.S.A. (C)	JE-LA
Iron Peak, California, U.S.A.	KIPM	Jena, German Dem. Rep. (C)	JEN
Irazaki, Honshu, Japan	NGT	Jenkinsville, South Carolina, U.S.A.	JSC
Isabella, California, U.S.A.	ISA	Jenalan, New South Wales, Australia	JNL
Isangel, Vanuatu Islands	INH	Jenson Cabin, Idaho, U.S.A.	JECI
Ise, Honshu, Japan	ISE	Jerame, Arizona, U.S.A. (C)	JR-AZ
Isfjord, Svalbard, Norway (C)	ISF	Jersey, Channel Islands, United Kingdom (C)	JRS
Ishigaki-shima, Ryukyu Islands, Japan	ISI	Jersey, Oregon, U.S.A.	VJYM
Ishihara, Shikaku, Japan	IHR	Jerusalem, Israel	JER
Ishii, Shikaku, Japan (R)	ISIK	Jicamarca, Peru (R)	PT05
Ishinamaki, Honshu, Japan	ISN	Jicoral, Costa Rica	JCR
Ishipane, Honshu, Japan (R)	K05	Jim Creek, Washington, U.S.A.	JCW
Ishtian, Tajik S.S.R., U.S.S.R.	ISH	Jim Sage Mountain, Idaho, U.S.A. (R)	JSM
Isla Aves, Venezuela (R)	IAV	Jindabyne, New South Wales, Australia (C)	JIN
Isla Desechea, Puerto Rico	IDE	Jinataga, Nicaragua	JIG

Joaquim Lookout, New Mexico, U.S.A. ....	JOAO	Kolacso, Hungary (C) .....	KAL
Joensuu, Finland (C) .....	JOE	Kom, Albania .....	KMA
Jaensuu, Finland (R) .....	JOE	Kamafusa, Honshu, Japan (R) .....	KMF
Johannesburg, Transvaal, South Africa (C) .....	JOH	Kamakura, Honshu, Japan (C) .....	KMK
John Smith Road, California, U.S.A. ....	HJSM	Kamata, Honshu, Japan .....	KTJ
Jahn's Creek, Oklahoma, U.S.A. (R) .....	JCE1	Kameyama, Honshu, Japan (C) .....	KAM
Jahnnie, Nevada, U.S.A. ....	JON	Kameyama, Honshu, Japan (U) .....	KMYN
Jahns Peak, California, U.S.A. ....	WJPM	Kamigama, Honshu, Japan (R) .....	KGMK
Jahnsen, Nebraska, U.S.A. ....	JHN	Kamigama, Honshu, Japan (C) .....	KMM
Jahnsen Canyon, California, U.S.A. ....	JHC	Kamikineusu, Hokkaido, Japan .....	KMU
Johnston Island, Johnston Island (C) .....	JN-IS	Kamikuga, Honshu, Japan (R) .....	KKGU
Jolan Road, California, U.S.A. ....	PJLM	Kamimanzen, Kyushu, Japan (R) .....	KV02
Jolan Road, California, U.S.A. ....	JOL	Kamimuraga, Honshu, Japan .....	KRJ
Jordan, Minnesota, U.S.A. (C) .....	JO-MN	Kaminaka, Shikoku, Japan (R) .....	KMNK
Jordan Ranch, Texas, U.S.A. ....	JRTX	Kaminokuni, Hokkaido, Japan (R) .....	KKJ
Jordanella, Utah, U.S.A. ....	JLU	Kamitakara, Honshu, Japan (R) .....	KTJD
Jorhat, Assam, India .....	JHI	Kamuela, Hawaii, U.S.A. (C) .....	KML
Jorum 1, Nevada, U.S.A. (C) .....	PH2NV	Kanab, Utah, U.S.A. (C) .....	KN-UT
Jorum 4, Nevada, U.S.A. (C) .....	PH-NV	Kanab, Utah, U.S.A. ....	KNB
Joseph F. Staten, California, U.S.A. ....	JFS	Kanaiharu, Honshu, Japan (U) .....	KNJD
Joshua Ridge West, California, U.S.A. (R) .....	JRWM	Konaka Peak, California, U.S.A. ....	KPK
Joshua Tree, Nevada, U.S.A. (C) .....	NYJ	Kanayama, Honshu, Japan (R) .....	KNY
Joshua Tree Park, California, U.S.A. (R) .....	JTR	Kanazawa, Honshu, Japan .....	KAN
Josvafo, Hungary .....	JOS	Kandavu Island, Fiji (R) .....	KDV
Jazini, Natal, South Africa .....	JOZ	Kandira, Turkey (R) .....	KND
Juan Diaz, Costa Rica .....	JUD	Kanekii, Hawaii, U.S.A. ....	KIH
Judd Hill Plantation, Arkansas, U.S.A. ....	JHP	Kangasniemi, Finland .....	KAF
Juelich, Nordrhein-Westfalen, Fed. Rep. of Germany ..	JUE	Kangurt, Tajik S.S.R., U.S.S.R. (R) .....	KNR
Jug, New Mexico, U.S.A. (R) .....	JUM	Kansas City, Missouri, U.S.A. (C) .....	KC-MO
Jugenheim, Hessen, Fed. Rep. of Germany (C) .....	JUG	Kanzaki, Honshu, Japan (U) .....	KZT
Jujuy, Jujuy, Argentina .....	JUJ	Kao-hsiung, China (Taiwan) .....	KAU
Julian, California, U.S.A. ....	JULC	Kaiki Faults, Hawaii, U.S.A. ....	KFH
Jumaylepeque, Guatemala .....	JMG	Kap Tobin, Greenland .....	KTG
Junction, Texas, U.S.A. ....	JCT	Kapahang, Sumatera, Indonesia .....	KSI
Juni, Peru .....	PT11	Kapapala Ranch, Hawaii, U.S.A. ....	KLH
Juniper Gulch, Idaho, U.S.A. ....	JGI	Kapiti Island, North Island, New Zealand .....	KIW
Juniper Hills, California, U.S.A. ....	JNH	Kapaha, Hawaii, U.S.A. ....	KPO
Junjel, Guatemala (R) .....	JNJ	Kapuskasing, Ontario, Canada .....	KAO
Juna, Texas, U.S.A. (C) .....	JU-TX	Karabiga, Turkey .....	KGT
Junquito-Caracas, Venezuela (R) .....	JCV	Karacobey, Turkey .....	KCT
Jurjeia, Estonian S.S.R., U.S.S.R. (C) .....	TTU	Karachi, Pakistan .....	KAR
Jwalamukhi, Himachal Pradesh, India (C) .....	JWA	Karad, Maharashtra, India .....	KAD
Jyvaskyla, Finland (R) .....	JYV	Karadeniz Ereqlisi, Turkey .....	KDE
Kaapuna, Hawaii, U.S.A. ....	KUH	Karakunideke, Kyushu, Japan (R) .....	KV06
Kabakon Island, New Britain, Papua New Guinea (R) ...	EDY	Karamursel, Turkey (R) .....	KMS
Kabansk, R.S.F.S.R., U.S.S.R. ....	KAB	Karapira, North Island, New Zealand .....	KRP
Kabul, Afghanistan .....	KAAO	Karasu, Tajik S.S.R., U.S.S.R. ....	KRU
Kabul, Afghanistan .....	KBL	Karenko, China (Taiwan) .....	HWA
Kabwe, Zambia .....	BHA	Kariba, Zimbabwe (C) .....	KRB
Kadzharan, Armenian S.S.R., U.S.S.R. (R) .....	KDR	Karkar Island, Karkar Island, Papua New Guinea .....	KKI
Kaena, Hawaii, U.S.A. ....	KAE	Karlskrona, Sweden (C) .....	KLS
Kaena Point, Hawaii, U.S.A. (C) .....	KPH	Karlsruhe, Baden-Wurttemberg, Fed. Rep. of Germany ..	KRL
Kafrein, Jordan (R) .....	KFNJ	Karlsruhe--West .....	
Kagalaska, Alaska, U.S.A. ....	AD3	Baden-Wurttemberg, Fed. Rep. of Germany .....	KRW
Kagashima, Kyushu, Japan .....	KAG	Karmay, Norway .....	KMY
Kagoshima 2, Kyushu, Japan .....	KAGJ	Karoi, Zimbabwe .....	KRI
Kagul, Moldavian S.S.R., U.S.S.R. (R) .....	KGL	Karoi, Zimbabwe (C) .....	KRR
Kahang-Kahang, Nusa Tenggara, Indonesia .....	KHKI	Karratha, Western Australia, Australia (C) .....	KAA
Kahuku, Hawaii, U.S.A. ....	KHU	Karuizawa, Honshu, Japan .....	KAZ
Kaikaura, South Island, New Zealand .....	KKZ	Karymskii, R.S.F.S.R., U.S.S.R. (R) .....	KII
Kaikoura West, South Island, New Zealand (C) .....	KKY	Kasempa, Zambia .....	KMZ
Kailua Kona, Hawaii, U.S.A. ....	KKH	Kashgar, Xinjiang, China (Mainland) .....	KSH
Kaimata, South Island, New Zealand .....	KAI	Kashi, Xinjiang, China (Mainland) .....	KSH
Kainokawa, Honshu, Japan .....	KKW	Kashima, Honshu, Japan (C) .....	KSJ
Kaiserville, Nevada, U.S.A. ....	KVN	Koshiwa-zaki, Honshu, Japan (R) .....	KZJ
Kaizawa, Honshu, Japan (R) .....	KZW	Kashiwara, Honshu, Japan .....	KAJ
Kajaani, Finland .....	KJF	Kashiwara, Honshu, Japan (C) .....	YAG
Kajaani, Finland (C) .....	KJN	Kasperske Hory, Czechoslovakia .....	KHC
Kakani, Nepal .....	KKN	Kastamanu, Turkey .....	KAS
Kakegawa, Honshu, Japan (R) .....	KGW	Kastek, Kazakh S.S.R., U.S.S.R. (R) .....	KST
Kakhk, Iran .....	KHI	Katano, Honshu, Japan (R) .....	KTNK
Kakiaka, Honshu, Japan .....	KAK	Katlanova, Yugoslavia .....	KAY
Kakiaka Outpost, Honshu, Japan .....	KAKJ	Katmai, Alaska, U.S.A. (C) .....	KTM
Kalaidasht, Tajik S.S.R., U.S.S.R. ....	KLD	Katrineberg, Sweden (R) .....	KTN
Kalamazoo, Michigan, U.S.A. ....	KZM	Katsuura, Honshu, Japan (C) .....	KTR
Kalgaorlie, Western Australia, Australia .....	KLGA	Katsuyama, Honshu, Japan (U) .....	KADD
Kalgaorlie, Western Australia, Australia (R) .....	KLGA	Katsuyama, Honshu, Japan (R) .....	KAJD
Kaliningrad, R.S.F.S.R., U.S.S.R. (C) .....	KNG	Kaushiang, China (Taiwan) .....	KAU
Kalitsperspe .....		Kaushut, Turkmen S.S.R., U.S.S.R. (R) .....	KAH
Nardrhein-Westfalen, Fed. Rep. of Germany .....	KLL	Kavak, Turkey .....	KVT

Kavieng, New Ireland, Papua New Guinea (C)	KAV	Kheis, R.S.F.S.R., U.S.S.R.	KHE
Kavieng, New Ireland, Papua New Guinea	KVG	KhodzhiKent, Tajik S.S.R., U.S.S.R. (C)	KDK
Kawaguchi-ko, Honshu, Japan	FUN	Khanso, Arunachal Pradesh, India	KOI
Kawah Idjen, Jawa, Indonesia (C)	KIJ	Khorog, Tajik S.S.R., U.S.S.R.	KHO
Kawaii, Honshu, Japan (U)	KWJ	Khorongan, Tajik S.S.R., U.S.S.R. (C)	KHR
Kawasaki, Honshu, Japan (R)	HRM	Kiojonojo, Guatemala (R)	KJA
Kawatabi, Honshu, Japan (R)	KWT	Kiara Terrace, Pakistan (R)	KIA
Kawazu, Honshu, Japan (R)	KWZ	Kidman Hollow, Utah, U.S.A.	KDUT
Kawich Peak, Nevada, U.S.A. (C)	KP-NV	Kien-An, Vietnam	PLV
Kawich Range, Nevada, U.S.A.	KRNA	Kika Raxquin, Guatemala	KIK
Kayak Island, Alaska, U.S.A.	KAIM	Kilauea, Hawaii, U.S.A.	HVO
Kayak Island, Alaska, U.S.A. (C)	KYK	Kilenge Mission, New Britain, Papua New Guinea (C)	KCM
Kaziranga, Assam, India	KZI	Kilmashogue, Eire	DKM
Kealakekua, Hawaii, U.S.A. (C)	KLK	Kimball Pass, Alaska, U.S.A.	KMP
Kealakama, Hawaii, U.S.A. (C)	KEA	Kimbe, New Britain, Papua New Guinea (C)	KMB
Keanakolu, Hawaii, U.S.A.	KKU	Kimberley, Cape Province, South Africa	KIM
Keban, Turkey	KEB	Kimberley, Cape Province, South Africa (R)	KMSA
Kechabto, Tunisia	KCHT	Kimobetsu, Hokkaido, Japan (C)	NKS
Kecskemet, Hungary	KEC	Kincaid Ranch, California, U.S.A.	HKRM
Kedougou, Senegal (C)	KDG	King Edward Point, South Georgia	KEP
Kedougou, Senegal	KDS	King Ranch, California, U.S.A. (C)	KRC
Kedougou, Senegal (C)	KED	Kingman, Arizona, U.S.A. (C)	KG-AS
Keeling Island, Cocos Islands (C)	CKK	Kingman, Arizona, U.S.A. (C)	KG-AZ
Keen Camp Maintenance Station, California, U.S.A.	KEE	Kingsbay, Svalbard, Norway	KBS
Keen Mountain, Virginia, U.S.A. (C)	KMV	Kingscourt, Eire	DMU
Keg River, Alberta, Canada (C)	KV-AT	Kingston, Jamaica (C)	KIN
Keihaku, Honshu, Japan (R)	KHK	Kinkasan, Honshu, Japan (R)	KSN
Keizyo, South Korea	SEO	Kinamoto, Honshu, Japan (C)	KMT
Kellerberrin, Western Australia, Australia	KLB	Kipapa, Hawaii, U.S.A.	KIP
Kellogg, Idaho, U.S.A. (C)	KGI	Kipuka Nene, Hawaii, U.S.A.	KNH
Kelly Canyon, Idaho, U.S.A.	KCI	Kirikhan, Turkey (R)	KRH
Kelly Mountain, Maine, U.S.A.	DZA	Kirishima Volcano, Kyushu, Japan (R)	KV01
Keltepe, Turkey	KLT	Kirkenes, Norway (C)	KRK
Kelud, Jawa, Indonesia (C)	KEL	Kirkland Lake, Ontario, Canada (C)	KLC
Kempshat, Jamaica (R)	MBJ	Kiravabad, Azerbaijan S.S.R., U.S.S.R.	KRV
Kendrikan, Greece	KNT	Kiravskiy, R.S.F.S.R., U.S.S.R. (R)	KROS
Kennedy, Alabama, U.S.A.	BJA	Kirovskoe, Kirghiz S.S.R., U.S.S.R. (R)	KRI
Kennedy Space Center, Florida, U.S.A. (R)	KSC	Kiruna, Sweden	KIR
Kennewick, Washington, U.S.A. (C)	KE-WA	Kishima-dake, Kyushu, Japan (R)	KISK
Kentfield, California, U.S.A.	KFC	Kishinev, Moldavian S.S.R., U.S.S.R.	KIS
Kephallenia, Greece	VLS	Kishinomiya, Honshu, Japan (R)	KISE
Keravat, New Britain, Papua New Guinea (C)	KET	Kita-Gairin, Hokkaido, Japan (R)	NRMH
Keravat, New Britain, Papua New Guinea (C)	KRT	Kitodake, Kyushu, Japan (R)	KITD
Kerema, New Guinea, Papua New Guinea (C)	KRG	Kitakami, Honshu, Japan (R)	KGJ
Kermanshah, Iran	KER	Kitausu, Hokkaido, Japan (R)	KITH
Kermi, Texas, U.S.A.	KIE	Kiyosumi, Honshu, Japan (C)	KIY
Kermi, Texas, U.S.A.	KIT	Kiyosumi, Honshu, Japan	KYS
Kermi, Texas, U.S.A.	KKT	Kizyl-Arvat, Turkmen S.S.R., U.S.S.R.	KAT
Kermi, Texas, U.S.A.	KM2	Klagenfurt, Austria	KFA
Kermi, Texas, U.S.A.	KM3	Klamath Falls, Oregon, U.S.A.	KFO
Kermi, Texas, U.S.A.	KM5	Kluane, Yukon Territory, Canada (C)	KEY
Kermi, Texas, U.S.A.	KM6	Kluang, Peninsular Malaysia, Malaysia	KGM
Kermi, Texas, U.S.A.	KM9	Klutina, Alaska, U.S.A.	KLU
Kermi, Texas, U.S.A. (C)	KME	Klyuchi, R.S.F.S.R., U.S.S.R.	KLY
Kermi, New Mexico, U.S.A.	KT1	Knight Island, Alaska, U.S.A.	KNIM
Kermi, New Mexico, U.S.A. (C)	KT2	Knik Glacier, Alaska, U.S.A.	KNK
Kermi, Texas, U.S.A.	KT3	Knox Ranch, California, U.S.A. (C)	KNO
Kermi, Texas, U.S.A.	KT4	Knoxville, Tennessee, U.S.A.	HPKT
Kermi, New Mexico, U.S.A. (C)	KT5	Kabayashi Ranch, California, U.S.A. (C)	KBY
Kermi, Texas, U.S.A.	KT7	Kobe, Honshu, Japan (U)	KBE
Kermi, Texas, U.S.A.	KT8	Kobe, Honshu, Japan	KOB
Kermi, Texas, U.S.A. (C)	KT9	Kobuan, Bougainville Island, Papua New Guinea (C)	KOA
Kermi, Texas, U.S.A. (C)	KTE	Kobugohara, Honshu, Japan (R)	KBH
Kermi, Texas, U.S.A. (C)	KTT	Kochi, Shikoku, Japan	KOC
Kermi, Texas, U.S.A.	KTX	Kodaikanal, Tamil Nadu, India	KOD
Kern Tulare, California, U.S.A.	WKTM	Kodera, Honshu, Japan (U)	KDT
Ketchikan, Alaska, U.S.A. (R)	KCN	Kodiak, Alaska, U.S.A.	KDC
Ketetahi, North Island, New Zealand (R)	KETZ	Koeln, Nordrhein-Westfalen, Fed. Rep. of Germany	CLG
Kettenpom, California, U.S.A.	KKPM	Kofu, Honshu, Japan	KOF
Kettleman Hills, California, U.S.A. (R)	PKEM	Kogak River, Alaska, U.S.A. (R)	KGR
Keuruu, Finland	KEF	Kahala, Hawaii, U.S.A.	KOH
Kevo, Finland	KEV	Kahima, Nagaland, India	KHM
Kew, England, United Kingdom (C)	KEW	Kahls Ranch, Arizona, U.S.A. (C)	KH-AZ
Key Point, California, U.S.A. (R)	KYP	Kaide, Honshu, Japan (R)	K12
Khaishi, Georgian S.S.R., U.S.S.R. (R)	KHS	Kaidern River, Yukon Territory, Canada (C)	KRY
Khancaban, New South Wales, Australia	KHA	Kaike, Kyushu, Japan (R)	KOID
Khandygo, R.S.F.S.R., U.S.S.R. (R)	KHG	Kakaji, Honshu, Japan (R)	K04
Khao Laem Dam, Thailand	KHT	Kalay, Turkey (R)	KOL
Khopcherango, R.S.F.S.R., U.S.S.R.	KPC	Kalazvar, Romania (C)	CLU
Khotystyr, R.S.F.S.R., U.S.S.R. (R)	KHY	Kamoba, Honshu, Japan (C)	KOM

Komogane, Honshu, Japan (R)	KGN	Kurday, Kazakh S.S.R., U.S.S.R. (C)	KRD
Komokuk Beach, Yukon Territory, Canada	KBT	Kurdzhali, Bulgaria	KDZ
Komandorsky Islands, R.S.F.S.R., U.S.S.R.	BKI	Kure, Honshu, Japan (C)	KRE
Komarau, Tajik S.S.R., U.S.S.R. (R)	KMAS	Kurilsk, R.S.F.S.R., U.S.S.R.	KUR
Komatsu, Honshu, Japan (U)	KMD	Kurina-dake, Kyushu, Japan (R)	KV04
Komatsu, Honshu, Japan (R)	KMJD	Kurmenty, Kazakh S.S.R., U.S.S.R.	KRM
Komsomolabad, Tajik S.S.R., U.S.S.R. (R)	KMSS	Kuramomogawa, Honshu, Japan (R)	KMGE
Konowaena, Hawaii, U.S.A. (C)	KNW	Kurayan, Honshu, Japan (R)	KYJ
Konedabu, New Guinea, Papua New Guinea	KDB	Kurty, Kazakh S.S.R., U.S.S.R.	KUU
Kongsberg, Norway	KON	Kurukshetra, Haryana, India	KKR
Kongsberg, Norway	KONO	Kushiho, Honshu, Japan (R)	KHJ
Konigsberg, R.S.F.S.R., U.S.S.R. (C)	KNG	Kushiro, Hokkaido, Japan	KUS
Konigstuhl, Baden-Wurtemberg, Fed. Rep. of Germany	HEL	Kushiro Outpost, Hokkaido, Japan	KUSJ
Konogaga, New Britain, Papua New Guinea	EKN	Kutsugahara, Honshu, Japan (C)	KUT
Kanpirayama, Hokkaido, Japan (R)	KONH	Kutztown, Pennsylvania, U.S.A.	KTZ
Kappel, Rheinland-Pfalz, Fed. Rep. of Germany	KOE	Kweiyang, Guizhou, China (Mainland)	GYA
Karca, Albania	KBN	Kyakhta, R.S.F.S.R., U.S.S.R. (C)	KYA
Korea Array, South Korea (R)	KSRS	Kyburz Flat, California, U.S.A.	KBF
Korintji-Kaba-Dempo, Sumatera, Indonesia (C)	KKD	Kyle, Scotland, United Kingdom	KYL
Koro, Fiji	KRO	Kyoto, Honshu, Japan	KYO
Koro-a, Fiji (R)	KOO	L'Aquila, Abruzzo, Italy	AQU
Koror, Belau (C)	KOR	L'Autian, Provence, France (R)	AUTN
Koryakskiy, R.S.F.S.R., U.S.S.R. (R)	KOK	LASA Array, Montana, U.S.A. (C)	LAO
Kosan Bako, Ivory Coast	KIC	LASA B Ring, Montana, U.S.A. (C)	LB1
Kosmodemyansk, R.S.F.S.R., U.S.S.R. (C)	KOS	LASA B Ring, Montana, U.S.A. (C)	LB2
Kosov, Ukrainian S.S.R., U.S.S.R. (R)	KSV	LASA B Ring, Montana, U.S.A. (C)	LB3
Koster, Transvaal, South Africa (R)	KOSA	LASA B Ring, Montana, U.S.A. (C)	LB4
Koster, Transvaal, South Africa	KSR	LASA C Ring, Montana, U.S.A. (C)	LC1
Kosyun, China (Taiwan)	HEN	LASA C Ring, Montana, U.S.A. (C)	LC2
Kota Kinabalu, Sabah, Malaysia	KKM	LASA C Ring, Montana, U.S.A. (C)	LC3
Katabumi, Sumatera, Indonesia	KLI	LASA C Ring, Montana, U.S.A. (C)	LC4
Katahata, Honshu, Japan (R)	K07	LASA D Ring, Montana, U.S.A. (C)	LD1
Katzebue, Alaska, U.S.A.	KTA	LASA D Ring, Montana, U.S.A. (C)	LD2
Koumac, New Caledonia	KOU	LASA D Ring, Montana, U.S.A. (C)	LD3
Kausar, Djibouti	KSU	LASA D Ring, Montana, U.S.A. (C)	LD4
Kavakla, R.S.F.S.R., U.S.S.R. (R)	KVO	LASA E Ring, Montana, U.S.A. (C)	LE1
Kawen Farrest, Australian Cap. Terr., Australia (R)	KOW	LASA E Ring, Montana, U.S.A. (C)	LE2
Kayama, Honshu, Japan (C)	KOY	LASA E Ring, Montana, U.S.A. (C)	LE3
Kayna Nagar, Maharashtra, India (C)	KNI	LASA E Ring, Montana, U.S.A. (C)	LE4
Kazani, Greece	KZN	LASA F Ring, Montana, U.S.A. (C)	LF1
Kazelskiy, R.S.F.S.R., U.S.S.R. (R)	KZL	LASA F Ring, Montana, U.S.A. (C)	LF2
Kozyrevsk, R.S.F.S.R., U.S.S.R.	KOZ	LASA F Ring, Montana, U.S.A. (C)	LF3
Krakow, Poland	KRA	LASA F Ring, Montana, U.S.A. (C)	LF4
Kramer, California, U.S.A. (C)	KM-CL	La Cancha, Guatemala	LHG
Krasnaya Polyana, R.S.F.S.R., U.S.S.R. (C)	KPR	La Cueva, New Mexico, U.S.A. (C)	LCV
Krasnogarka, Kazakh S.S.R., U.S.S.R. (C)	KRS	La Cumbre, Guatemala (R)	CMG
Krasnovodsk, Turkmen S.S.R., U.S.S.R. (R)	KRF	La Cumbre Peak, California, U.S.A.	LPC
Kremsmuenster, Austria	KMR	La Druitiere, Normandie, France	LDF
Kranaki, R.S.F.S.R., U.S.S.R. (R)	KRN	La Foliniere, Normandie, France	FLN
Krutoberegava, R.S.F.S.R., U.S.S.R. (R)	KBG	La Fallette, Tennessee, U.S.A. (C)	LF-TN
Ksar Es Sauk, Morocco (C)	KES	La Foret Royale, Provence, France	FRF
Ksara, Lebanon	KSA	La Frestal, Guyenne, France	LFF
Ksiaz, Poland	KSP	La Grande, Quebec, Canada	LAQ
Kuala Lumpur, Peninsular Malaysia, Malaysia	KLM	La Grande, Quebec, Canada	LBO
Kuba, Azerbaijan S.S.R., U.S.S.R. (R)	KUB	La Grande, Quebec, Canada (R)	LCQ
Kuching, Sarawak, Malaysia (R)	KSM	La Grande, Quebec, Canada (R)	LDQ
Kuchiyama, Shikaku, Japan (R)	KCY	La Grande 3, Quebec, Canada (R)	LRO
Kucina, R.S.F.S.R., U.S.S.R. (C)	KUC	La Grande-2, Quebec, Canada (U)	LGO
Kukes, Albania	KKS	La Grande-3, Quebec, Canada	JAQ
Kukul, Guatemala	KKG	La Grande-3, Quebec, Canada (C)	JBO
Kukurantumi, Ghana	KUK	La Grande-3, Quebec, Canada (C)	JCO
Kuldur, R.S.F.S.R., U.S.S.R. (R)	KLDS	La Grande-4, Quebec, Canada (U)	KAO
Kulyob, Tajik S.S.R., U.S.S.R.	KUL	La Grande-4, Quebec, Canada (R)	KBO
Kumagaya, Honshu, Japan	KMG	La Grande-4, Quebec, Canada (R)	KCO
Kumamata, Kyushu, Japan	KUM	La Grande-4, Quebec, Canada (R)	LOO
Kumamata 2, Kyushu, Japan	KUMJ	La Grange, Arkansas, U.S.A.	LGAR
Kumana, Honshu, Japan	KMN	La Honda, California, U.S.A. (C)	LT5
Kume-shima, Ryukyu Islands, Japan	KMJ	La Jolla, California, U.S.A. (C)	LJC
Kumejima, Ryukyu Islands, Japan	KMJ	La Lucha, Costa Rica (C)	LCR
Kumara, R.S.F.S.R., U.S.S.R.	KMO	La Lucha 2, Costa Rica	LCR2
Kunming, Yunnan, China (Mainland)	KMI	La Lucha Farm, Costa Rica (C)	LLC
Kunneppu, Hokkaido, Japan (R)	KNP	La Malbaie, Quebec, Canada	LMO
Kununurra, Western Australia, Australia	KNA	La Maurre, Provence, France	LMR
Kupang, Nusa Tenggara, Indonesia	KUG	La Palma, El Salvador	LPS
Kupang, Nusa Tenggara, Indonesia (C)	KUP	La Paz, Baja California Sur, Mexico	LAP
Kupang, Nusa Tenggara, Indonesia	KUPT	La Paz, Bolivia (R)	LPAZ
Kupiana, New Guinea, Papua New Guinea	KPN	La Paz, Bolivia	LPB
Kupono, New Guinea, Papua New Guinea	KUPN	La Paz, Bolivia	LPZ
Kuranda, Queensland, Australia (C)	KDA	La Paz, Bolivia (C)	LZ-BV
Kuroyoshi, Honshu, Japan (R)	KYTD		

La Paz, Entre Rios, Argentina (R)	RTPE	Los Vegas, Nevada, U.S.A. (C)	LVN
La Paz, Bolivia (C)	ZLP	Los Vegas, Nevada, U.S.A. (C)	LVW
La Paz, Bolivia	ZOBO	Lassiter, Tennessee, U.S.A. (C)	DY2
La Peregrina, Puerto Rico	LPR	Lassiter Corners, Tennessee, U.S.A. (C)	DY5
La Plagne, Savoie, France	LPG	Last Change Range, California, U.S.A.	LCH
La Plaine des Cafres, Reunion	PCR	Lotrobe, California, U.S.A.	ALAM
La Plantade, Auvergne, France	PLDF	Laurel, Mississippi, U.S.A. (C)	LL-MS
La Plata, Buenos Aires, Argentina	LPA	Laurel Mountain, California, U.S.A. (R)	LPMC
La Pocatiere, Quebec, Canada	LPO	Lavic, California, U.S.A. (R)	LAVC
La Pocatiere, Quebec, Canada (C)	POC	Lawrence, Kansas, U.S.A.	LAK
La Pryor, Texas, U.S.A. (C)	LP-TX	Lawrence, Kansas, U.S.A.	LAW
La Quiaca, Jujuy, Argentina (C)	LOA	Le Mans, Maine, France (C)	LMF
La Quinta, California, U.S.A. (R)	LAQC	Le Marinel, Zaire (R)	LMA
La Souterraine, Marche, France	LSF	Le Parnosse, Guadeloupe	PAG
La Vio, Salta, Argentina (R)	VSA	Le Pertre, Orleanais, France	LPF
La Victoria, Guatemala	LVG	Le Pouchou, Guyenne, France	LPO
Labete, Solomon Islands	LBT	Lead, South Dakota, U.S.A. (C)	LEA
La du Bonnet, Manitoba, Canada (R)	ULM	Lead Mountain, California, U.S.A.	LED
Lacono, New York, U.S.A.	LCNA	Leadville, Nevada, U.S.A. (C)	LDV
Laconia, New Hampshire, U.S.A.	LANH	Lebanon, New Hampshire, U.S.A. (C)	LB-NH
Ladd Mountain, Washington, U.S.A.	LMW	Lecce, Puglia, Italy	LCI
Ladron Mountain, New Mexico, U.S.A.	LAD	Leeds, Utah, U.S.A.	LEE
Lae, New Guinea, Papua New Guinea (C)	LAE	Legospi, Luzon, Philippines (R)	LEG
Lae, New Guinea, Papua New Guinea	LAT	Legospi, Luzan, Philippines	LGP
Lae--Mount Lunaman, New Guinea, Papua New Guinea	LML	Legan, Ghana (R)	LGG
Lafayette, Georgia, U.S.A. (C)	LA-GA	Leibel Peak, California, U.S.A.	WLPM
Lafayette, Rhode Island, U.S.A. (C)	LAF	Leipzig, German Dem. Rep. (C)	LEI
Lago de Cote, Costa Rica	AR2	Lembang, Jawa, Indonesia	LEM
Lagaa do Fogo, Azores, Portugal	LFA	Lemberg, Ukrainian S.S.R., U.S.S.R.	LVV
Lagadekhi, Georgian S.S.R., U.S.S.R. (R)	LGD	Lemonthyme, Tasmania, Australia (C)	LMT
Laguna Mountains, Arizona, U.S.A. (R)	LGA	Leninakan, Armenian S.S.R., U.S.S.R.	LEN
Laguna Peak, California, U.S.A.	BLG	Leningrad, R.S.F.S.R., U.S.S.R. (C)	LNN
Laguna Verde, Valparaiso, Chile	LAV	Lenkoran, Azerbaijan S.S.R., U.S.S.R.	LNK
Lagunillas, Venezuela	LGN	Lennox, Tennessee, U.S.A.	LTN
Lahore, Pakistan (C)	LAH	Lenox, Massachusetts, U.S.A.	LNK
Lahug, Cebu, Philippines (C)	CCP	Leoben, Austria (R)	LTA
Laibach, Yugoslavia	LJU	Leon, Guanajuato, Mexico	LNM
Lajitas, Texas, U.S.A.	LTX	Leon Cerra Gordo, Guanajuato, Mexico	LCG
Lake Butte, Wyoming, U.S.A. (R)	LYLB	Leona Valley, California, U.S.A. (R)	LEOC
Lake Chabot, California, U.S.A.	LKC	Leoncito, San Juan, Argentina	LEO
Lake Fork Canyon, New Mexico, U.S.A. (C)	LFC	Leopoldville, Zaire (C)	BIN
Lake Helena, Montana, U.S.A. (C)	LHM	Leresti, Romania	LRR
Lake Herman, California, U.S.A.	NLHM	Lerida, New South Wales, Australia	LER
Lake Hughes, California, U.S.A.	LHU	Lerwick, Shetland Islands, United Kingdom	LRW
Lake Mead, Nevada, U.S.A. (C)	LM-NV	Les Buteaux, Nivernais, France	LBF
Lake Mountain, Utah, U.S.A. (C)	LMU	Les Rejaudoux, Limousin, France	RJF
Lake Wappapelo, Missouri, U.S.A. (C)	GRV	Lesbos, Greece	PRK
Lake Wenatchee, Washington, U.S.A. (C)	LW-WA	Lesazovadsk, R.S.F.S.R., U.S.S.R. (C)	LES
Lake Wisdom, New Guinea, Papua New Guinea	LKW	Leutzdorf, Bayern, Fed. Rep. of Germany	GRA3
Lakehead University, Ontario, Canada	LHC	Levan Peak, Utah, U.S.A.	LVU
Lakewood Golf Course, California, U.S.A. (C)	LGC	Levy, Alaska, U.S.A.	LVY
Lamop, Vanuatu Islands	LMP	Lewis Ronch, California, U.S.A.	BLRM
Lambert Chapel, Alabama, U.S.A.	LCAL	Lewis and Clark Caverns, Montana, U.S.A.	LCCM
Lambom Island, New Britain, Papua New Guinea	ELB	Lewisburg, Tennessee, U.S.A. (C)	LE-TN
Lamington, New Guinea, Papua New Guinea	LMG	Lewistown, Montana, U.S.A. (C)	LN-MA
Lamocks, Guangdong, China (Mainland)	LMC	Lewistown, Pennsylvania, U.S.A. (C)	LT-PA
Lampang, Thailand (C)	LPT	Lexington, Kentucky, U.S.A.	LEK
Lampeter, Wales, United Kingdom	LPW	Lexington, Virginia, U.S.A. (C)	LEX
Lamto, Ivory Coast	LIC	Lexington, South Carolina, U.S.A. (R)	LSC
Lon-yu, China (Taiwan)	LAY	Lexington Reservoir, California, U.S.A.	LXR
Lancaster, California, U.S.A. (R)	LANC	Lhaso, Tibet, China (Mainland) (C)	LHA
Lanchou, Gansu, China (Mainland)	LZH	Lhaso, Tibet, China (Mainland)	LSA
Lanchow, Gansu, China (Mainland) (C)	LAN	Lhers, Beorn, France	LHE
Land-Between-the-Lakes, Kentucky, U.S.A.	LLKY	Liang-Chow, Gansu, China (Mainland) (C)	LCC
Landers, California, U.S.A.	LAC	Libby Dam, Montana, U.S.A.	LDM
Landslide, Washington, U.S.A. (C)	LSW	Liberty, Nevada, U.S.A. (C)	LI-NV
Langara Island, British Columbia, Canada (R)	LIB	Liberty Hill, South Carolina, U.S.A.	LHS
Langila, New Britain, Papua New Guinea	LAG	Lick Observatory, California, U.S.A.	MHC
Lanslevillard, Savoie, France	LNS	Liddleville, Louisiana, U.S.A. (C)	LV-LA
Lanzhou, Gansu, China (Mainland) (C)	LAN	Likhapani, Arunachal Pradesh, India (R)	LKP
Lanzhou, Gansu, China (Mainland)	LZH	Lille, Artois, France (C)	LIL
Laramie, Wyoming, U.S.A. (C)	LAR	Lillehammer, Norway	LHN
Larch Mountain, Oregon, U.S.A.	VLMM	Lillooet, British Columbia, Canada (C)	LLL
Lares, Puerto Rico	LRS	Lima, New York, U.S.A.	LILH
Las Cruces, New Mexico, U.S.A. (C)	LC-NM	Lima, Peru	LIM
Las Flores, Guatemala (R)	FLS	Lima, Peru (C)	LM2
Las Mesas, Puerto Rico	LSP	Limay, Nicaragua	LIY
Las Nubes, Nicaragua	LNB	Limekiln Ridge, Montana, U.S.A.	LRM
Las Nubes, Guatemala	NBG	Limon, Costa Rica (R)	LICR
Los Tablones, Guatemala (R)	LTG	Limon, Costa Rica	LIO



Lincoln, California, U.S.A. ....	ALNM	Lubbock, Texas, U.S.A. ....	LUB
Lincoln, Nebraska, U.S.A. (R) ....	LCN	Lubrecht Forest, Montana, U.S.A. (C) ....	LFM
Lincoln, Nebraska, U.S.A. (C) ....	LIN	Lubudi, Zaire (C) ....	LBC
Lincoln School, California, U.S.A. ....	LOC	Lubumbashi, Zaire (C) ....	ELI
Linfen, Shonxi, China (Mainland) ....	LNF	Lucedole, Mississippi, U.S.A. (C) ....	LD-MS
Linthol—Limmern, Switzerland ....	LLS	Lucedole, Mississippi, U.S.A. (C) ....	LD2MS
Lipari, Lipari Islands, Italy ....	LLI	Lucedole, Mississippi, U.S.A. (C) ....	LD3MS
Lipkovo, Yugoslavia ....	LIP	Lucky Boy Pass, Nevada, U.S.A. (U) ....	LBP
Lisbon, Portugal ....	LIS	Lucky Star, Utah, U.S.A. ....	LSUT
Lisbon, New Hampshire, U.S.A. (C) ....	LS-NH	Luda, Liaoning, China (Mainland) (C) ....	DAI
Litchfield, California, U.S.A. (R) ....	LITR	Luda, Liaoning, China (Mainland) ....	DL2
Litokhoron, Greece ....	LIT	Luganville, Vanuatu Islands ....	LUG
Little America, Lesser Antartica, Antarctica (C) ...	LAA	Lumberton, Mississippi, U.S.A. (C) ....	LU-MS
Little Butte, Montana, U.S.A. (C) ....	LBM	Lunachorskoye, Uzbek S.S.R., U.S.S.R. (C) ....	LNC
Little Chuckwalla Mountains, California, U.S.A. (R) ...	LTC	Lund, Sweden (C) ....	LUN
Little Green Mountain, Idaho, U.S.A. (C) ....	LGM	Luning, Nevada, U.S.A. (C) ....	LNG
Little Hoodo Mountain, Montana, U.S.A. ....	LHD	Lusoko, Zambia ....	LSZ
Little Horse, California, U.S.A. (R) ....	WLHM	Lusoko, Zambia (C) ....	LUS
Little Huntton Valley, Nevada, U.S.A. ....	LHV	Luxembourg, Luxembourg ....	LUX
Little Mario Mountains, California, U.S.A. ....	LTM	Lvov, Ukrainian S.S.R., U.S.S.R. ....	LVV
Little Mountain, Tennessee, U.S.A. ....	LMTN	Lwiro, Zaire ....	LWI
Little Mountain, Utah, U.S.A. ....	LTU	Lyangar, Tajik S.S.R., U.S.S.R. ....	LNA
Little Rabbit Valley, California, U.S.A. ....	LRV	Lyman, Washington, U.S.A. ....	LYW
Little Rock, Arkansas, U.S.A. (C) ....	LRA	Lynden, Washington, U.S.A. (C) ....	LY-WA
Little Sitkin Island, Alaska, U.S.A. (C) ....	LSI	Lyons Estate, Eire ....	DLE
Little Skull Mountain, Nevada, U.S.A. ....	LSM	M12, Hawaii, U.S.A. (C) ....	M12
Little Skull Mountain, Nevada, U.S.A. (U) ....	LSN	Ma'ale Naah, Israel ....	NOH
Littlerock Reservoir, California, U.S.A. ....	LRRC	Maars, Alaska, U.S.A. ....	MRS
Liverpool, England, United Kingdom (C) ....	LVR	Macagua, Venezuela (R) ....	GMC
Livorno, Toscana, Italy (C) ....	LIV	Machtsh Katon, Israel ....	MKT
Liyang, Luzon, Philippines (R) ....	LYP	Mockoy Peak, Idaho, U.S.A. ....	MCPI
Ljubljana, Yugoslavia ....	LJU	Macquarie Island, Macquarie Island, Australia ....	MCO
Llanada, California, U.S.A. ....	LLA	Macquarie Island, Macquarie Island, Australia (C) ...	MOI
Llano, California, U.S.A. (R) ....	LLAC	Mactan, Cebu, Philippines ....	MAP
Llanuwchllyn, Wales, United Kingdom (R) ....	LLW	Madong, New Guinea, Papua New Guinea (C) ....	MAD
Lo Barnechea, Santiago, Chile ....	BACH	Madong, New Guinea, Papua New Guinea ....	MDG
Labatse, Botswana (R) ....	LOB	Madeleine, Bearn, France ....	MADF
Lock 6, Kentucky, U.S.A. ....	L6KY	Madison, Wisconsin, U.S.A. (C) ....	MDS
Lockwood Valley, California, U.S.A. (R) ....	LOK	Madison Junction, Wyoming, U.S.A. (C) ....	MJW
Loei, Thailand ....	LOE	Modros, Tamil Nadu, India ....	MDR
Log Cabin, Alabama, U.S.A. ....	LCA	Madrid, Spain (C) ....	MDD
Logan, Utah, U.S.A. (C) ....	LOG	Moebashi, Honshu, Japan ....	MAE
Logiealmond, Scotland, United Kingdom ....	ELO	Mog Wash, Utah, U.S.A. ....	MWA
Logrono, Spain ....	LGR	Mogodon, R.S.F.S.R., U.S.S.R. ....	MAG
Loma de el Viento, Venezuela (R) ....	LEV	Mogodon 1, R.S.F.S.R., U.S.S.R. ....	MGD
Lome, Togo ....	LOM	Magalia, California, U.S.A. ....	MGL
Lompoc, California, U.S.A. ....	BLP	Magdalena, Peru (C) ....	LM2
London, Ontario, Canada ....	LDN	Magdalena Milpos Altos, Guatemala ....	MMG
London, Ontario, Canada (C) ....	LND	Magadro, Fiji ....	MGO
Lone Oak Road, California, U.S.A. ....	LRC	Magruder Mountain, Nevada, U.S.A. ....	MGM
Lone Star, Missouri, U.S.A. ....	LST	Maguoyo, Puerto Rico ....	MGP
Lone Tree Road, California, U.S.A. ....	LTR	Mahableshwar, Maharashtra, India (C) ....	MAH
Long Mesa, Colorado, U.S.A. ....	PV07	Mahukona, Hawaii, U.S.A. ....	MHA
Long Valley, Arizona, U.S.A. (C) ....	LG-AZ	Maizuru, Honshu, Japan (C) ....	MAI
Long Valley, New Jersey, U.S.A. ....	LVNJ	Maizuru, Honshu, Japan ....	MZH
Longmire, Washington, U.S.A. ....	LON	Makaoopuhi, Hawaii, U.S.A. ....	MKA
Longvilo, Valparaiso, Chile ....	LVN	Makoro Radio, North Island, New Zealand (R) ....	MRW
Lonorore, Vanuatu Islands ....	LNR	Makassar, Sulawesi, Indonesia ....	MKS
Lookout Mountain, California, U.S.A. ....	LMCR	Makawir, Jordan (R) ....	MKRJ
Lookout Mountain Observatory, California, U.S.A. (C) ...	LMO	Makeyevka, Ukrainian S.S.R., U.S.S.R. (C) ....	MKY
Lookout Mountain Observatory, California, U.S.A. ....	LMS	Makhochkolo, R.S.F.S.R., U.S.S.R. ....	MAK
Lookout Peak, Nevada, U.S.A. ....	LOP	Maki, Kyushu, Japan (R) ....	MAKK
Lorgues, Provence, France ....	LRG	Makukawa, Honshu, Japan (R) ....	MAKT
Lormes, Nivernais, France ....	LOR	Molobar, Jawa, Indonesia (C) ....	MLB
Los Alamos, New Mexico, U.S.A. (C) ....	LOA	Molod Range, Idaho, U.S.A. ....	MLI
Los Pinos Mountain, New Mexico, U.S.A. ....	LPM	Molago, Spain ....	MAL
Los Queltehues, Santiago, Chile ....	LOT	Malaspino Glacier, Alaska, U.S.A. ....	MAL
Los Trancos Woods, California, U.S.A. ....	LTW	Molden, Missouri, U.S.A. (C) ....	MLD
Losuia, D'Entrecasteaux Islands, Papua New Guinea ...	LOSU	Malini, Romania (C) ....	MII
Lotru, Romania ....	LOT	Malnos, Romania ....	MSR
Louis Bay, Alaska, U.S.A. ....	LOU	Malto, Malto ....	MLT
Louis Trichardt, Cope Province, South Africa ....	LTT	Malvoux, Nivernais, France ....	MLV
Loup City, Nebraska, U.S.A. ....	LCNE	Malvern St. Elizabeth, Jamaica ....	MCJ
Laurence Marques, Mozambique ....	LMM	Mombajoo, Camiguin, Philippines (C) ....	MAM
Lovejoy Buttes, California, U.S.A. ....	LJB	Mommoth Hot Springs, Wyoming, U.S.A. (C) ....	MHS
Lovelock, Nevada, U.S.A. (C) ....	LO-NV	Monado, Sulawesi, Indonesia ....	MNI
Lovelock, Nevada, U.S.A. (C) ....	LVK	Manantiales, Mendoza, Argentina ....	MAA
Lower Browns Hole, Utah, U.S.A. (C) ....	LBUT	Monos, R.S.F.S.R., U.S.S.R. (R) ....	MNAS
Lower Mog Wash, Utah, U.S.A. ....	LWA	Manchester, Tennessee, U.S.A. (C) ....	MX-TN
Luando, Angola (C) ....	LUA	Mondolay, Burma ....	MND

Mangahao, North Island, New Zealand	MNG	Maxey Ranch, California, U.S.A.	PMRM
Mangla, Pakistan	MNL	Mayaguez, Puerto Rico	MPR
Manhattan, New York, U.S.A.	AMNH	Mayfield, Washington, U.S.A. (C)	MAY
Manhattan, Kansas, U.S.A.	MHK	Mazatlan, Sinaloa, Mexico	MAZ
Manhattan, Kansas, U.S.A. (C)	MHT	Mazatlan, Sinaloa, Mexico	MXZ
Manicauagan, Quebec, Canada	MNO	Maze, Hanshu, Japan (R)	MZE
Manila, Luzan, Philippines	MAN	Mazie Landing, Oklahoma, U.S.A. (C)	MZO
Manila Observatory, Luzan, Philippines	QCP	Mazirat, Marche, France	MZF
Maniwaki, Quebec, Canada (C)	MIO	Mbengga, Fiji	BOA
Mansa, Zambia	MZZ	Mbour, Senegal	MBO
Manso, Moto Grosso, Brazil (R)	MSB	Mbua, Fiji	MBU
Monteigas, Portugal	MTE	McCloud Flot South, California, U.S.A.	MFS
Manton, Northern Territory, Australia	MTN	McComb, Mississippi, U.S.A. (C)	MB-MS
Manysh, Turkmen S.S.R., U.S.S.R. (R)	MNYS	McCrory, Arkansas, U.S.A. (C)	MY-AR
Manzanilla, Colima, Mexico	MNZ	McDonald Observatory, Texas, U.S.A.	MOT
Manzanito Lake, California, U.S.A.	LMZM	McKendrick Lake, New Brunswick, Canada	KLN
Manzanita Lake, California, U.S.A.	MLC	McKinley, Alaska, U.S.A.	MCK
Maple Creek, Wyoming, U.S.A.	YMC	McLaughlin Ranch, California, U.S.A.	GMCM
Maputo, Mozambique	LMM	McMillan Canyon, California, U.S.A.	PMCM
Maracaibo, Venezuela (R)	MRV	McMinnville, Tennessee, U.S.A. (C)	MM-TN
Marathon, Texas, U.S.A. (R)	MTX	McMurdo Sound, Greater Antarctica, Antarctica (C)	MCM
Marble Bar, Western Australia, Australia	MBL	McNeil River, Alaska, U.S.A. (C)	MCL
Marble Bar-Town, Western Australia, Australia (C)	MBT	McNeil River, Alaska, U.S.A.	MCNL
Marble Canyon, California, U.S.A.	MCA	McPhails Peak, California, U.S.A.	BMCM
Marcus Island, Marcus Island, Japan (C)	MCS	Meangara, New South Wales, Australia	MEG
Margarita, Venezuela (R)	MGV	Mecca Hills, California, U.S.A. (R)	MECC
Marguerite Bay, Antarctic Peninsula, Antarctica (C)	ANC	Mechernich	
Mariazell, Austria	MZA	Nardrhein-Westfalen, Fed. Rep. of Germany (C)	MEC
Maricapa, California, U.S.A. (R)	MARC	Medan, Sumatera, Indonesia (C)	MED
Marie Galante, Guadeloupe	MGG	Medford, Wisconsin, U.S.A. (C)	MF-WS
Mariestad, Sweden (R)	MRE	Medias, Romania	MDB
Mark West Springs, California, U.S.A.	MAC	Medicine Creek Dam, Nebraska, U.S.A.	MKN
Markatai, Greece (R)	VMA	Medina, New York, U.S.A.	MEDY
Marked Tree, Arkansas, U.S.A. (C)	MK-AR	Medio Mundo, Nicaragua	MMO
Marlboro, Vermont, U.S.A. (C)	MARL	Meekatharra, Western Australia, Australia	MEK
Marmal, Guatemala	MRL	Meers, Oklahoma, U.S.A.	MEO
Maran, Jawa, Indonesia (C)	MAJ	Meers Fault, Oklahoma, U.S.A. (C)	MFO
Marquesado, San Juan, Argentina	RTMQ	Meerut, Uttar Pradesh, India (C)	MEE
Marsa Matruh, Egypt (C)	MMT	Mefraouche, Algeria	MFR
Marseilles, Provence, France (C)	MAR	Mei-shan, China (Taiwan)	TWO
Martinez Indian Reservation, California, U.S.A. (R)	MIRC	Melbourne, Victoria, Australia	MEL
Martis Peak, California, U.S.A.	MPK	Melilli, Basilicata, Italy	MEI
Mary, Turkmen S.S.R., U.S.S.R. (C)	MRY	Membach, Belgium	MEM
Marysval, Utah, U.S.A.	MSU	Memphis, Tennessee, U.S.A.	MET
Marysville, California, U.S.A. (C)	MV-CL	Memphis, Tennessee, U.S.A. (C)	MPH
Masachapa, Nicaragua	MCH	Menan Buttes, Idaho, U.S.A. (C)	MBI
Mashhad, Iran	MAIO	Mendi, New Guinea, Papua New Guinea	MNDI
Mashhad, Iran	MHI	Mendoza, Mendoza, Argentina	MDZ
Mashhad, Iran (C)	MSH	Mendoza, Mendoza, Argentina (C)	MEN
Mashhad University, Iran	MUI	Mengen, Turkey (C)	MGN
Maskali, Djibouti	MKL	Menlo Park, California, U.S.A. (C)	MOB
Mason Butte, Idaho, U.S.A. (C)	MAS	Menzel Bauzella, Tunisia	MBZ
Massena, New York, U.S.A.	MSNY	Mero, Hanshu, Japan (C)	TMS
Matam, Senegal (C)	MMS	Merapi, Jawa, Indonesia (C)	MRP
Matka, Yugoslavia	MYG	Mercer, Alaska, U.S.A. (C)	MCR
Matauba, Guadeloupe (R)	MBG	Mercey Hot Springs, California, U.S.A.	BMSM
Matsue, Hanshu, Japan	MTS	Mercury, Nevada, U.S.A. (C)	MCN
Matsumoto, Hanshu, Japan	MTM	Mercury, Nevada, U.S.A. (C)	MCV
Matsumoto Outpost, Hanshu, Japan	MTMJ	Mercury, Nevada, U.S.A.	MCY
Matsumatoyama, Hokkaido, Japan (R)	MATH	Merida, Yucatan, Mexico	MER
Matsushiro, Hanshu, Japan	MAJO	Merida, Venezuela	UAV
Matsushira, Hanshu, Japan	MAT	Merida network, Venezuela (R)	UAV1
Matsuyama, Shikoku, Japan	MTY	Merida network, Venezuela (R)	UAV2
Mattawa, Ontario, Canada (C)	MW-ON	Meridian, Oklahoma, U.S.A. (C)	MRO
Mattmark, Switzerland	MMK	Merrill Creek, New Jersey, U.S.A.	ABMC
Matua, R.S.F.S.R., U.S.S.R.	MAU	Merrill Creek, New Jersey, U.S.A.	EPMC
Matupit, New Britain, Papua New Guinea (R)	MIP	Merrill Creek, New Jersey, U.S.A.	FHMC
Matupit Island, New Britain, Papua New Guinea	MPT	Merrill Creek, New Jersey, U.S.A.	HRMC
Matura, Trinidad, Trinidad and Tobago	TTR	Merrill Creek, New Jersey, U.S.A.	PDMC
Matuyama, Shikoku, Japan	MTY	Merrill Creek, New Jersey, U.S.A.	PEMC
Maun, Batswana (R)	MAB	Merrill Creek, New Jersey, U.S.A.	PFMC
Mauna Kea, Hawaii, U.S.A.	MKH	Merrill Creek, New Jersey, U.S.A.	PMMC
Mauna Loa, Hawaii, U.S.A.	MLH	Merritt, British Columbia, Canada (C)	ME-BC
Mauna Loa 2, Hawaii, U.S.A.	MLX	Mesa Lucera, New Mexico, U.S.A.	MLM
Maungaku, North Island, New Zealand (R)	MGZ	Messina, Sicily, Italy	MES
Maupin, Oregon, U.S.A.	VMNM	Messina I.N.G., Sicily, Italy	MSI
Mauritius Island, Mauritius (C)	MRI	Messtetten, Baden-Wurtemberg, Fed. Rep. of Germany	MSS
Mavilette, Nova Scotia, Canada (R)	MYN	Metsamor, Armenian S.S.R., U.S.S.R. (R)	METS
Mowashi, Ryukyu Islands, Japan (C)	MWS	Mexico City, Distrito Federal, Mexico	MEX
Mawson, Greater Antarctica, Antarctica	MAW	Mezhgorye, Ukrainian S.S.R., U.S.S.R. (R)	MEZ

Mi Wuk Village, California, U.S.A. ....	MMWM	Miyazaki 2, Kyushu, Japan (R) ....	MYZ2
Miami, Florida, U.S.A. (C) .....	MIA	Miyazu, Honshu, Japan (C) .....	MYD
Mica Creek, British Columbia, Canada (C) .....	MCC	Mizumiira, Honshu, Japan (R) .....	MZI
Mica Creek, British Columbia, Canada (C) .....	MCE	Mizusawa, Honshu, Japan .....	MIZ
Michilla, Antafagasta, Chile .....	MIC	Maca, Puerto Rico .....	MCP
Middle Cape, Alaska, U.S.A. ....	MMC	Maca, Fernando Poo, Equatorial Guinea .....	MFP
Middleburg, Pennsylvania, U.S.A. (C) .....	MR-PA	Madel, Tennessee, U.S.A. ....	MOTN
Middlebury, Vermont, U.S.A. ....	MDV	Maessingen, Baden-Wurtemberg, Fed. Rep. of Germany .....	MSG
Middlesmoor, England, United Kingdom (R) .....	MMY	Moffitt Ranch, California, U.S.A. ....	GMOM
Middleton Gardens, South Carolina, U.S.A. ....	MGS	Mogadiscia, Somalia (C) .....	MOG
Middleton Island, Alaska, U.S.A. ....	MID	Mogallon, New Mexico, U.S.A. (C) .....	ML-NM
Middletown, California, U.S.A. ....	NMTM	Moikau, North Island, New Zealand (R) .....	MOW
Midway, Washington, U.S.A. ....	MDW	Mojave River Dam, California, U.S.A. (R) .....	MRD
Midway, Midway Islands, Hawaiian Islands (C) .....	MDY	Mokapu, Hawaii, U.S.A. ....	MOK
Mihama, Honshu, Japan (R) .....	MHJ	Mokuoweowe, Hawaii, U.S.A. ....	MWH
Mikawa, Honshu, Japan (R) .....	MIKN	Molkenrain, Alsace, France (R) .....	MOF
Mikowo, Honshu, Japan .....	MKW	Molln, Austria .....	MOA
Mikazuki, Honshu, Japan (R) .....	MZT	Monate, Admiralty Islands, Papua New Guinea .....	MOM
Mikes Peak, California, U.S.A. ....	CMPM	Mona, Jamaica .....	HOJ
Mitagra Ridge, California, U.S.A. ....	MGA	Manaco, Manaco .....	MON
Milan, Lombardia, Italy (C) .....	MIL	Monarch Peak, California, U.S.A. ....	MOP
Mileto, Calabria, Italy (C) .....	MLE	Manasavu, Fiji .....	MSV
Milford, Ohio, U.S.A. ....	MLF	Mancalieri, Piemonte, Italy (C) .....	MNC
Milford, Utah, U.S.A. (R) .....	MLU	Mancks Corner, South Carolina, U.S.A. (C) .....	MKC
Milford North, Utah, U.S.A. ....	MNU	Mandy, R.S.F.S.R., U.S.S.R. ....	MOY
Milford Reservoir, Kansas, U.S.A. ....	MLK	Manetta, South Carolina, U.S.A. ....	MTT
Milford Sound, South Island, New Zealand .....	MSZ	Mona Craters, California, U.S.A. (U) .....	MCRR
Military Pass, California, U.S.A. ....	LMPM	Mona Lake, California, U.S.A. (C) .....	ML1CL
Mill Creek, California, U.S.A. (R) .....	MLL	Mona Lake, California, U.S.A. (C) .....	ML2CL
Miller Ranch, Texas, U.S.A. ....	MT3	Mona Lake, California, U.S.A. (C) .....	ML3CL
Millersville State College, Pennsylvania, U.S.A. ....	MVL	Mono Lake, California, U.S.A. (C) .....	ML4CL
Mills College, California, U.S.A. ....	CMCM	Mona Valley, California, U.S.A. ....	MONR
Mila, Maine, U.S.A. ....	MIM	Managrom Mesa, Colorado, U.S.A. ....	PV02
Milton-Freewater, Oregon, U.S.A. ....	MFW	Manami-yama, Honshu, Japan (R) .....	K08
Milwaukee, Wisconsin, U.S.A. (C) .....	MLW	Manawai, South Island, New Zealand (C) .....	MNW
Mina, Nevada, U.S.A. (C) .....	MN-NV	Mansted Underground, Denmark .....	MUD
Mina, Nevada, U.S.A. ....	MNA	Mant Asala, Lazio, Italy .....	MNS
Mina, Nevada, U.S.A. ....	MNV	Mant Bernier, Vanuatu Islands .....	MBV
Minami-Gairin, Hokkaido, Japan (R) .....	SRMH	Mant Dzumac, New Caledonia .....	DMZ
Minami-daito-jima, Ryukyu Islands, Japan .....	MVI	Mant Pele, Martinique (R) .....	MPM
Minamiashigara, Honshu, Japan (R) .....	ASG	Mant Tremblant, Quebec, Canada .....	TRO
Minamizu, Honshu, Japan (R) .....	MIZN	Mont-d'Or Baillif, Guadeloupe .....	MLG
Minea, Sicily, Italy (C) .....	MNE	Montachique, Portugal .....	MTM
Mineaka, Honshu, Japan (R) .....	MNJ	Montagne du Vauclin, Martinique .....	MVM
Mineral, California, U.S.A. ....	MIN	Montague Island, Alaska, U.S.A. (C) .....	MTG
Miners Mountain, Utah, U.S.A. ....	MMU	Montague Island, Alaska, U.S.A. ....	MTU
Mines Road, California, U.S.A. ....	CL2	Montclair, New Jersey, U.S.A. ....	MONJ
Mines Road, California, U.S.A. ....	CMNM	Monte Argentario, Toscana, Italy .....	MAO
Mines Road, California, U.S.A. ....	MNR	Monte Cassina, Lazio, Italy (C) .....	MCI
Mingechaur, Azerbaijan S.S.R., U.S.S.R. (R) .....	MGC	Monte Cocuzza, Calabria, Italy .....	CZI
Minitrack, Alaska, U.S.A. (C) .....	MIK	Monte Crista Peak, Utah, U.S.A. ....	MCU
Minneapolis, Minnesota, U.S.A. (C) .....	MNM	Monte Escuro, Azores, Portugal .....	MTSA
Minneapolis, Minnesota, U.S.A. (C) .....	MNN	Monte Massico, Campania, Italy .....	MSC
Minneapolis--St. Paul Ford Plant .....		Monte Pirato, Puerto Rico .....	MTP
Minnesota, U.S.A. (C) .....	MFM	Monte Parzia Catone, Lazio, Italy .....	RMP
Minsk, Byelorussian S.S.R., U.S.S.R. ....	MNK	Monte Prat, Friuli-Venezia Giulia, Italy .....	MPRI
Miraflores, Peru .....	MRF	Monte Sano, Alabama, U.S.A. ....	MSAL
Mirnyy, Greater Antarctica, Antarctica .....	MIR	Monte Vettore, Sicily, Italy .....	MVT
Misaki, Honshu, Japan (C) .....	MSK	Monteagle, New South Wales, Australia (C) .....	MEA
Misakuba, Honshu, Japan (R) .....	MSKJ	Montebello Ridge, California, U.S.A. (C) .....	MTB
Mishima, Honshu, Japan .....	MIS	Montega Bay, Jamaica (R) .....	MBJ
Misano, Hokkaido, Japan (R) .....	MSN	Montereale Valcellina, Friuli-Venezia Giulia, Italy .....	RCL
Mission San Jose, California, U.S.A. ....	MSJ	Monterey, California, U.S.A. ....	MTR
Missoula, Montana, U.S.A. ....	MSO	Monteynard, Dauphine, France .....	MNY
Misumai, Hokkaido, Japan .....	HSS	Montezuma, Antafagasta, Chile (C) .....	MTZ
Mitaka, Honshu, Japan (C) .....	MTK	Montezuma Peak, Nevada, U.S.A. ....	MZP
Mitchell, South Dakota, U.S.A. (C) .....	MC-SD	Montgomery, Vermont, U.S.A. (C) .....	MGVT
Mitchell, Nebraska, U.S.A. (C) .....	MH-NB	Montpelier, Vermont, U.S.A. (C) .....	MPVT
Mitchell Field, Alaska, U.S.A. (C) .....	MFA	Montpelier, Colorado, U.S.A. ....	PV08
Mita, Honshu, Japan .....	MIT	Montreal, Quebec, Canada .....	MNT
Mitogawa, Honshu, Japan (U) .....	MTGE	Montrase, Colorado, U.S.A. (C) .....	MRC
Mitoyo, Hokkaido, Japan (R) .....	MITH	Montrase, Pennsylvania, U.S.A. (C) .....	MS-PA
Mitsui, Honshu, Japan (C) .....	SUS	Monts Chateau, Kerguelen Islands (R) .....	KCH
Mitsuishi, Hokkaido, Japan (R) .....	MUJ	Mantserrat, Montserrat (C) .....	MW1
Mix Canyon Road, California, U.S.A. ....	MIX	Manturaqui, Antafagasta, Chile (R) .....	MT0
Miyake-jima, Bonin Islands, Japan (R) .....	MKJ	Moadus, Connecticut, U.S.A. ....	MD1
Miyako, Honshu, Japan .....	MIY	Moadus, Connecticut, U.S.A. ....	MD2
Miyako, Honshu, Japan (R) .....	MKO	Moadus, Connecticut, U.S.A. ....	MD3
Miyako-jima, Ryukyu Islands, Japan .....	MYK	Moadus, Connecticut, U.S.A. ....	MD4
Miyazaki, Kyushu, Japan .....	MYZ	Moadus, Connecticut, U.S.A. ....	MD5

Moorlands, Tasmania, Australia	MOO	Mount Sar Shalom, Israel (C)	MSM
Moose Creek, Alaska, U.S.A.	MSE	Mount Signal, California, U.S.A.	SGL
Moose Creek Bluff, Alaska, U.S.A. (C)	MCB	Mount Spurr, Alaska, U.S.A.	SPU
Moose Pass, Alaska, U.S.A.	MPA	Mount St. Catherine, Grenada	GRW
Morawa, Western Australia, Australia	MRWA	Mount Tamalpais, California, U.S.A.	NTPM
Morgan Territory, California, U.S.A.	MTC	Mount Tassie, Victoria, Australia (C)	MTV
Morgantown, West Virginia, U.S.A.	MRC	Mount Taylor, New Mexico, U.S.A.	MTL
Mori, Hokkaido, Japan	MOR	Mount Thompson, British Columbia, Canada	THOB
Morioka, Honshu, Japan	MRK	Mount Tsukuba, Honshu, Japan	MTJ
Mariya, Honshu, Japan (R)	MRJ	Mount Varzin, New Britain, Papua New Guinea (R)	EVZ
Mormanno, Calabria, Italy	MMN	Mount Wilson, California, U.S.A.	MWC
Morne Daniel, Dominica	MDN	Mount Yahel, Israel (C)	MYI
Morne Espagnol, Dominica	BBL	Mount Zion Church, South Carolina, U.S.A.	ZIN
Morne La Croix, Martinique	CMX	Mountain Home, Idaho, U.S.A. (C)	MO-ID
Morne des Cadets, Martinique	FDX	Mountain Pine, Arkansas, U.S.A. (C)	MP-AR
Morong, Luzon, Philippines	MNP	Mountain View, Hawaii, U.S.A.	MVH
Moranga Valley, California, U.S.A.	MRVC	Moxa, German Dem. Rep.	MOX
Morovis, Puerto Rico	MOV	Mayari, Hokkaido, Japan (R)	MYR
Morris, Minnesota, U.S.A. (U)	MRM	Mayuta, Guatemala	MYT
Marra Salar, Peru	PT01	Mpaka, Swaziland (R)	MPSO
Morshin, Ukrainian S.S.R., U.S.S.R. (R)	MRSS	Mtatsminda, Georgian S.S.R., U.S.S.R.	MTA
Moscow, R.S.F.S.R., U.S.S.R.	MOS	Mu-cha, China (Taiwan) (R)	TWA
Mostar, Yugoslavia (C)	MST	Mud Valcano, Wyoming, U.S.A.	MYW
Mosul, Iraq	MSL	Mudanjiang, Heilongjiang, China (Mainland)	MDJ
Mategi, Honshu, Japan (R)	MGJ	Mudurnu, Turkey (R)	MUT
Mould Bay, Northwest Territories, Canada	MBC	Muenster-Westfalen	
Mould Bay, Northwest Territories, Canada (C)	NP-NT	Nordrhein-Westfalen, Fed. Rep. of Germany	MWG
Moulis, Gascogne, France	MLS	Mukaiyama, Honshu, Japan	SEN
Mount Abel, California, U.S.A.	ABL	Mukerian, Punjab, India (C)	MUK
Mount Amassa, Israel	ASI	Mullan, Idaho, U.S.A.	MUL
Mount Bagana, Bougainville Island, Papua New Guinea	BGA	Mulungwishi, Zaire (C)	MLN
Mount Baker, Washington, U.S.A.	MBW	Mummy Mountain, Arizona, U.S.A. (C)	MMA
Mount Baker, Washington, U.S.A. (C)	MU-WA	Muncho Lake, British Columbia, Canada	MUB
Mount Bingar, New South Wales, Australia (C)	MBA	Mundaring, Western Australia, Australia	MUN
Mount Bonython, South Australia, Australia	ADE	Munich, Bayern, Fed. Rep. of Germany (C)	MNH
Mount Carmel, Israel	CRI	Munra College, Jamaica	MCJ
Mount Cartier, British Columbia, Canada	CARB	Muntele Rasu, Romania	MLR
Mount Constitution, Washington, U.S.A.	MCW	Murefte, Turkey	MFT
Mount Dainard, British Columbia, Canada	MNB	Murgob, Tajik S.S.R., U.S.S.R.	MUR
Mount Darwin, Zimbabwe	MTD	Muraran, Hokkaido, Japan	MRR
Mount Davis, California, U.S.A. (R)	MDA	Muraran 2, Hokkaido, Japan	MRRJ
Mount Diablo, California, U.S.A. (C)	MDC	Murotomisaki, Shikaku, Japan	MRT
Mount Fremont, Washington, U.S.A.	FMW	Muskinabad, Uzbek S.S.R., U.S.S.R. (C)	MUS
Mount Gilboa, Israel	MGI	Musomishta, Bulgaria	MMB
Mount Grey, British Columbia, Canada	MCB	Mutare, Zimbabwe (R)	MUZ
Mount Hagen, Oregon, U.S.A.	VMHM	Myakensan, Honshu, Japan (R)	MYO
Mount Hamilton, California, U.S.A.	MHC	Myrviken, Sweden	MYV
Mount Hamilton Road, California, U.S.A.	MHR	Mys Shipunski, R.S.F.S.R., U.S.S.R.	SPN
Mount Harkness, California, U.S.A.	LHKM	Mzuzu, Malawi	MZM
Mount Harlan, California, U.S.A.	BMHM	N'Gaundere, Cameroon (R)	NGC
Mount Hebo, Oregon, U.S.A.	VHOM	NASA Cotapaxi, Ecuador (C)	NCE
Mount Herman, Israel	HRI	NORESS Array Site A0, Norway	NRA0
Mount Hoffman, California, U.S.A.	LMHM	NORESS Array Site A1, Norway (R)	NRA1
Mount Harn, South Island, New Zealand (R)	MHZ	NORESS Array Site A2, Norway (R)	NRA2
Mount Ida, Arkansas, U.S.A. (C)	MZ-AR	NORESS Array Site A3, Norway (R)	NRA3
Mount Irish, Nevada, U.S.A.	MTI	NORESS Array Site B1, Norway (R)	NRB1
Mount Isa, Queensland, Australia	ISO	NORESS Array Site B2, Norway (R)	NRB2
Mount John, South Island, New Zealand (C)	MJZ	NORESS Array Site B3, Norway (R)	NRB3
Mount John Pukaki, South Island, New Zealand (C)	MJP	NORESS Array Site B4, Norway (R)	NRB4
Mount Johnson, California, U.S.A.	BJOM	NORESS Array Site B5, Norway (R)	NRB5
Mount Kanoctai, California, U.S.A.	GMKM	NORESS Array Site C1, Norway (R)	NRC1
Mount Lassen, California, U.S.A. (C)	LAS	NORESS Array Site C2, Norway (R)	NRC2
Mount Lewis, California, U.S.A.	CMLM	NORESS Array Site C3, Norway (R)	NRC3
Mount Mary, South Island, New Zealand (C)	MMP	NORESS Array Site C4, Norway (R)	NRC4
Mount Macho, California, U.S.A.	CMMM	NORESS Array Site C5, Norway (R)	NRC5
Mount Mantar, Israel	MOI	NORESS Array Site C6, Norway (R)	NRC6
Mount Morrison, North Island, New Zealand	MTW	NORESS Array Site C7, Norway (R)	NRC7
Mount Morrison, China (Taiwan)	YUS	NORESS Array Site D1, Norway (R)	NRD1
Mount Ogden, Utah, U.S.A.	MOUT	NORESS Array Site D2, Norway (R)	NRD2
Mount Olympus, California, U.S.A. (R)	OLYC	NORESS Array Site D3, Norway (R)	NRD3
Mount Oso, California, U.S.A.	COSM	NORESS Array Site D4, Norway (R)	NRD4
Mount Ozzard, British Columbia, Canada	OZB	NORESS Array Site D5, Norway (R)	NRD5
Mount Pasian, Mindanao, Philippines (C)	MPP	NORESS Array Site D6, Norway (R)	NRD6
Mount Pierce, California, U.S.A.	KMPM	NORESS Array Site D7, Norway (R)	NRD7
Mount Raman, Israel	RMN	NORESS Array Site D8, Norway (R)	NRD8
Mount Saint Helena, California, U.S.A.	NMHM	NORESS Array Site D9, Norway (R)	NRD9
Mount Saint Helena, California, U.S.A. (C)	SHC	NORESS Array Site E0, Norway (R)	NRE0
Mount Saint Helens, Washington, U.S.A.	SHW	NRDS, Nevada, U.S.A. (C)	ADM
Mount San Antonio, New Mexico, U.S.A.	MSA	Na-gawa, Honshu, Japan (U)	NGJ
Mount Santa Tamas, Luzon, Philippines	MSP	Naalehu, Hawaii, U.S.A. (C)	NAA

Nabeyama, Kyushu, Japan (R)	NABD	Nevada Test Site, Nevada, U.S.A. (C)	NT2NV
Nadi, Fiji	NDF	Nevada Test Site Array, Nevada, U.S.A.	NTA
Nagano, Hanshu, Japan	NGN	New Castle, Jamaica (R)	NCJ
Nagasaki, Kyushu, Japan	NGS	New Delhi, Delhi, India	NDI
Nagatsuro, Honshu, Japan	NGT	New Haven, Connecticut, U.S.A. (C)	NHC
Naga, Ryukyu Islands, Japan	NGO	New Haven, Illinois, U.S.A.	NHIL
Nagaya, Hanshu, Japan	NAG	New Hagan Reservoir, California, U.S.A.	MNHM
Naha, Ryukyu Islands, Japan	NAH	New Kensington, Pennsylvania, U.S.A. (C)	NKP
Nairobi, Kenya	NAI	New Madrid, Missouri, U.S.A. (R)	NMD
Nairobi, Kenya (R)	NAIK	New Madrid, Missouri, U.S.A. (C)	NMM
Nairobi, Kenya (R)	NAKO	New Mexico Highlands, New Mexico, U.S.A.	NMH
Nakaizu, Hanshu, Japan (R)	JIZ	New Mirpur, Pakistan	MNL
Nokano, Honshu, Japan (C)	NNJ	New Orleans--Lafayette, Louisiana, U.S.A.	NOL
Nakanahara, Honshu, Japan	NKR	New Plymouth, North Island, New Zealand (C)	NPZ
Nakanosawa, Honshu, Japan (R)	NSW	New River, California, U.S.A.	NWZ
Nakayama Pass, Hokkaido, Japan (C)	NKS	New Salem, Texas, U.S.A.	NSLM
Nake, Tuamotu Archipelago, French Polynesia	NAE	Newark, Delaware, U.S.A.	NED
Nake, Ryukyu Islands, Japan (C)	NKE	Newport, Washington, U.S.A.	NEW
Nakhichevan, Azerbaijan S.S.R., U.S.S.R.	NAK	Ngalaa, Fiji	NGA
Nakhla, Morocco	NKM	Ngau Island, Fiji	GAU
Nakhan Sawan, Thailand	NST	Ngauruhoe, North Island, New Zealand	NGZ
Nalgonda, Andhra Pradesh, India	NLG	Nha Trang, Vietnam	NHA
Namangan, Uzbek S.S.R., U.S.S.R.	NAM	Niagara, Wisconsin, U.S.A. (C)	NG-WS
Nambara, Fiji (R)	NAF	Nibetsu, Hanshu, Japan (R)	NIB
Namoi, Fiji	NMS	Nicholson Point, Northwest Territories, Canada	NPT
Nampula, Mozambique	NPA	Nicoya, Costa Rica	ARB
Nana, Peru	NNA	Niedzica, Poland	NIE
Nanaimo, British Columbia, Canada	NAB	Nii-jima, Bonin Islands, Japan (C)	NJJ
Nandi, Fiji	NDF	Nii-shima, Bonin Islands, Japan (C)	NJJ
Nanjing, Jiangsu, China (Mainland) (C)	NAN	Niigata, Hanshu, Japan	NII
Nanjing, Jiangsu, China (Mainland)	NJ2	Niigata Outpost, Hanshu, Japan	NIIJ
Nanking, Jiangsu, China (Mainland) (C)	NAN	Niihama, Shikoku, Japan (C)	NHM
Nankipoo, Tennessee, U.S.A.	NKT	Nijar, Spain	ENIJ
Nanpeng Liedao, Guangdong, China (Mainland)	LMC	Nikiska, Alaska, U.S.A.	NKA
Nantucket, Massachusetts, U.S.A.	NMA	Nikolaevsk-na-Amure, R.S.F.S.R., U.S.S.R.	NKL
Nanutarra, Western Australia, Australia	NNA	Nikolski, Alaska, U.S.A. (C)	NIK
Napay, Tajik S.S.R., U.S.S.R. (C)	NAP	Nikolski, Alaska, U.S.A. (C)	NKI
Napier, North Island, New Zealand (C)	NPR	Nikolskoe, R.S.F.S.R., U.S.S.R.	BKI
Naples, Campania, Italy	NPL	Niksic, Yugoslavia	NKY
Napoli, Campania, Italy	NPL	Nilare, Pakistan	NIL
Nara, Hanshu, Japan	NAR	Nine Mile Canyon, California, U.S.A.	NMC
Naramoto, Hanshu, Japan (R)	NRME	Nine Mile Canyon, California, U.S.A.	WNMM
Narragin, Western Australia, Australia	NWA	Ninemile Creek, Montana, U.S.A.	NCM
Narragin, Western Australia, Australia	NWAO	Ninilchik, Alaska, U.S.A.	NNL
Narrow River, Idaho, U.S.A. (R)	NWR	Ninilchik One, Alaska, U.S.A. (C)	NIN
Narrows, Virginia, U.S.A.	NAV	Niabrara River, Nebraska, U.S.A. (C)	NR-NB
Naryn, Kirghiz S.S.R., U.S.S.R.	NRN	Nirayama, Hanshu, Japan (R)	NRY
Naso Mountain, Nevada, U.S.A.	NMN	Nirehara, Hanshu, Japan (R)	NRJ
Nasangga, Fiji	NAS	Nishiizu, Hanshu, Japan (R)	NSI
Natal, Rio Grande do Norte, Brazil (C)	NAT	Nishinai, Hanshu, Japan (R)	K01
Natchez Trace State Park, Tennessee, U.S.A.	NATN	Nissan Island	
Nathian, Pakistan	NTP	Baugainville Island, Papua New Guinea (R)	NIS
National Guard, Hawaii, U.S.A.	NGH	Niue, Cook Islands	NUE
National Naval Medical Center, Maryland, U.S.A. (C)	NHB	Niuate, Tonga (C)	NIU
Natural Bridge, Wyoming, U.S.A.	YNB	Nizhne-Angarsk, R.S.F.S.R., U.S.S.R.	NIZ
Nausori Highlands, Fiji	NHF	Nabeoka, Kyushu, Japan	NOB
Navajo Community College, Arizona, U.S.A. (C)	TSL	Naerdlingen, Bayern, Fed. Rep. of Germany (C)	NRD
Naval Ordinance Lab, Maryland, U.S.A. (C)	NLM	Najiri, Kyushu, Japan (R)	NOJ
Naval Research Laboratory		Name, Alaska, U.S.A. (C)	NOM
District of Columbia, U.S.A. (C)	NRL	Name--Anvil Mountain, Alaska, U.S.A.	ANM
Naze, Ryukyu Islands, Japan	NZJ	Nang Plab, Thailand	NNT
Nazlini, Arizona, U.S.A. (C)	NL-AZ	Napah Range, California, U.S.A.	NOP
Nazlini, Arizona, U.S.A. (C)	NL2AZ	Naranda, Missouri, U.S.A.	NRMS
Ndelakara, Fiji	NDE	Nard, Greenland (C)	NOR
Neapolis, Crete, Greece	NPS	Nardman, Idaho, U.S.A. (C)	NTI
Nedlands, Western Australia, Australia (R)	NDA	Narfolk Island, Norfolk Island, Australia (C)	NIA
Needles, California, U.S.A. (C)	ND-CL	Noril'sk, R.S.F.S.R., U.S.S.R.	NRI
Neginahota, Hanshu, Japan (R)	NGHE	Norman, Oklahoma, U.S.A. (C)	NMO
Nei-hu, China (Taiwan)	TWZ	Norris Canyon Road, California, U.S.A. (R)	CNCM
Neifu, China (Taiwan)	TWZ	Norris Junction, Wyoming, U.S.A.	NJW
Neipperg, Baden-Wuerttemberg, Fed. Rep. of Germany	NEI	Norsar Array Site 01A00, Norway	NAO
Nelson, Nevada, U.S.A. (C)	NEL	Norsar Array Site 01B00, Norway	NBO
Nelyaty, R.S.F.S.R., U.S.S.R.	NLY	Norsar Array Site 01C00, Norway (C)	NCO
Nemuro, Hokkaido, Japan	NEM	Norsar Array Site 02B00, Norway	NB2
Nemuro--Hokkaido University, Hokkaido, Japan (R)	NMR	Norsar Array Site 02C00, Norway	NC2
Nenana, Alaska, U.S.A.	NEA	Norsar Array Site 03B00, Norway (C)	NB3
Neachorian, Greece (R)	VNE	Norsar Array Site 03C00, Norway	NC3
Neuchatel, Switzerland	NEC	Norsar Array Site 04B00, Norway (C)	NB4
Neuchatel, Switzerland (C)	NEU	Norsar Array Site 04C00, Norway	NC4
Nevada Test Site, Nevada, U.S.A. (C)	NT-NV	Norsar Array Site 05B00, Norway (C)	NB5

Norsar Array Site 05C00, Norway	NC5	Oban, Stewart Island, New Zealand	OBZ
Norsar Array Site 06B00, Norway (C)	NB6	Obergurgl, Austria	OGA
Norsar Array Site 06C00, Norway (C)	NC6	Oberlin, Kansas, U.S.A. (C)	OBK
Norsar Array Site 07B00, Norway (C)	NB7	Obigarm, Tajik S.S.R., U.S.S.R.	OBG
Norsar Array Site 07C00, Norway (C)	NC7	Obihiro, Hokkaido, Japan	OB1
Norsar Array Site 08C00, Norway (C)	NC8	Obihiro City, Hokkaido, Japan (R)	IWN
Norsar Array Site 09C00, Norway (C)	NC9	Obninsk, R.S.F.S.R., U.S.S.R.	OBN
Norsar Array Site 10C00, Norway (C)	N10	Obock, Djibouti	OBO
Norsar Array Site 11C00, Norway (C)	N11	Observatorio Astronómico de Quito, Ecuador	OAO
Norsar Array Site 12C00, Norway (C)	N12	Obsidian Butte, California, U.S.A.	OB8
Norsar Array Site 13C00, Norway (C)	N13	Ocean Bottom Seismometer, California, U.S.A. (C)	OBS
Norsar Array Site 14C00, Norway (C)	N14	Ocean Falls, British Columbia, Canada	OFB
North Anna, Virginia, U.S.A.	NA11	Oceanview, South Carolina, U.S.A.	VEW
North Anna, Virginia, U.S.A.	NA12	Ocas, Guatemala	OCG
North Anna, Virginia, U.S.A.	NA2	Ocozacoatlán, Chiapas, Mexico	OZC
North Anna, Virginia, U.S.A. (R)	NA5	Odda, Norway	ODD
North Anna, Virginia, U.S.A. (C)	NV1	Odessa, Washington, U.S.A.	ODS
North Anna, Virginia, U.S.A. (C)	NV2	Odobesti, Romania	ODB
North Anna, Virginia, U.S.A. (C)	NV3	Oerkellunga, Sweden (R)	ORK
North Anna, Virginia, U.S.A. (C)	NV4	Oficina Alemana, Antofagasta, Chile	OFA
North Anna, Virginia, U.S.A. (C)	NV5	Ofunato, Honshu, Japan	OFU
North Anna, Virginia, U.S.A. (C)	NV6	Ofunato Outpost, Honshu, Japan	OFUJ
North Anna, Virginia, U.S.A. (C)	NV7	Oga, Honshu, Japan (R)	OGH
North Bay, Hawaii, U.S.A. (C)	NBH	Ogden Bay, Utah, U.S.A. (C)	OGU
North Branch, Minnesota, U.S.A. (C)	NB-MN	Ogdensburg, New Jersey, U.S.A. (C)	OGD
North Egmont, North Island, New Zealand (R)	NEZ	Ogeu, Bearn, France	OGE
North Gasline, Alaska, U.S.A. (C)	NGL	Ogyalla, Czechoslovakia	HRB
North Hampton, South Carolina, U.S.A. (C)	NHS	Ohdaira, Hokkaido, Japan (R)	OHD
North Kanaga, Alaska, U.S.A.	AD7	Ohira, Honshu, Japan (R)	OHJ
North La Sal, Utah, U.S.A.	PV09	Ohmine, Honshu, Japan	OMJ
North Lily, Utah, U.S.A.	NLU	Ohrid, Yugoslavia	OHR
North Pahrac Range, Nevada, U.S.A.	NPN	Oil Paint, Alaska, U.S.A.	OPT
North Pahute Mesa, Nevada, U.S.A.	NPM	Oishiyama, Honshu, Japan (C)	OIS
North Pit, Hawaii, U.S.A.	NPH	Oishiyama A, Honshu, Japan	OIA
North Pocatello Valley, Idaho, U.S.A.	NPI	Oishiyama B, Honshu, Japan	OIB
North Rainier Mesa, Nevada, U.S.A. (C)	NRM	Oishiyama C, Honshu, Japan	OIC
North Reno, Nevada, U.S.A.	NRR	Oito, Kyushu, Japan	OIT
North River, Alaska, U.S.A. (C)	NRA	Oiwake, Honshu, Japan (C)	OIW
North Stansbury, Utah, U.S.A.	NSU	Okabe, Honshu, Japan (R)	OKB
North Stonington, Connecticut, U.S.A.	NSC	Okamata-Ura, Kyushu, Japan (R)	KV09
North Tanaga, Alaska, U.S.A. (C)	AK0	Okayama, Honshu, Japan (C)	OKA
North Tanaga, Alaska, U.S.A.	AK3	Okayama, Honshu, Japan (R)	OKA1
North Tanaga, Alaska, U.S.A.	AK5	Okayama 2, Honshu, Japan (R)	OKA2
North Tanaga, Alaska, U.S.A. (C)	AT3	Okha, R.S.F.S.R., U.S.S.R.	OKH
Northfield, Vermont, U.S.A. (C)	NRT	Okijuku, Honshu, Japan (C)	OKI
Norton, Kansas, U.S.A. (C)	NNK	Oklahoma City, Oklahoma, U.S.A.	OCO
Nou, Honshu, Japan (R)	NOUE	Oklahoma Geophysical Observatory, Oklahoma, U.S.A.	TUL
Naumea, New Caledonia	NOU	Okuna, Honshu, Japan (R)	OKN
Novara, Sicily, Italy	NOV	Okuyama, Honshu, Japan (R)	OKY
Novolazarevskaya, Greater Antarctica, Antarctica	NVL	Olbia, Sardinia, Italy (R)	OLB
Novosibirsk, R.S.F.S.R., U.S.S.R.	NVS	Old Faithful, Wyoming, U.S.A.	YPOF
Nueva Concepcion, El Salvador (C)	NCS	Olema, California, U.S.A.	NOLM
Nukualofa, Tonga	NUK	Olema, California, U.S.A. (C)	OLC
Nukus, Uzbek S.S.R., U.S.S.R. (R)	NUKS	Olintepeque, Guatemala (R)	OLG
Numazu, Honshu, Japan (C)	NUM	Ollaque, Tarapaca, Chile (C)	OLL
Nunatak, Alaska, U.S.A. (C)	NTK	Olafstroem, Sweden (R)	OLF
Nurata, Uzbek S.S.R., U.S.S.R.	NUT	Olyphant, Arkansas, U.S.A.	OLY
Nurek, Tajik S.S.R., U.S.S.R. (C)	NRK	Omaezaki, Honshu, Japan	OMA
Nurmijarvi, Finland	NUR	Omak, Washington, U.S.A.	OMW
Nyala, Sudan (C)	NYA	Ometepe, Nicaragua	OME
Nykoeping, Sweden (R)	NYK	Omiachiman, Honshu, Japan (R)	OHM
O'Byrne Ferry, California, U.S.A.	MOYM	Omiya, Honshu, Japan (C)	OOM
O'Connell Ranch, California, U.S.A.	OCR	Omsukchan, R.S.F.S.R., U.S.S.R. (R)	OMS
O'Higgins, Antarctic Peninsula, Antarctica	OHC	Onahama, Honshu, Japan	ONA
Oahu Island, Hawaii, U.S.A. (C)	OA-IS	Oneida, Tennessee, U.S.A.	ONTN
Oak Flat, California, U.S.A.	WOFM	Onerahi, North Island, New Zealand (C)	ONE
Oak Grove, Tennessee, U.S.A.	OKG	Ongoro, Peru (C)	ONG
Oak Harbor, Washington, U.S.A.	OHW	Ongul, Greater Antarctica, Antarctica	SYO
Oak Ridge, Tennessee, U.S.A.	ORT	Oni, Georgian S.S.R., U.S.S.R.	ONI
Oak Springs Butte, Nevada, U.S.A. (C)	OB-NV	Oniashidashi, Honshu, Japan (R)	ODSE
Oak Springs Butte, Nevada, U.S.A. (C)	OB2NV	Ontario, New York, U.S.A.	ONTR
Oak Springs Butte, Nevada, U.S.A. (C)	OB3NV	Onyx Ranch, California, U.S.A.	WORM
Oakfield, New York, U.S.A. (C)	OAK	Oohira, Honshu, Japan (U)	OHRN
Oakhill, New Hampshire, U.S.A.	ONH	Ooide, Honshu, Japan (R)	K09
Oamaru, South Island, New Zealand	OMZ	Ookiep, Cape Province, South Africa	OKP
Oasis, Antofagasta, Chile	OAS	Oologah, Oklahoma, U.S.A. (C)	OLO
Oasis Bunker, Greater Antarctica, Antarctica (C)	OBA	Oonami East, Kyushu, Japan (R)	KV05
Oaxaca, Oaxaca, Mexico	OAX	Oonami West, Kyushu, Japan (R)	KV03
Oaxaca, Oaxaca, Mexico	OXX	Oonadaira, Honshu, Japan (R)	K10
Obama, Kyushu, Japan (R)	SWAJ	Ooshika, Honshu, Japan (R)	OOS

Ootomori, R.S.F.S.R., U.S.S.R. (C)	OOT	Palmer West, Alaska, U.S.A.	PWA
Opal Mound, Utah, U.S.A.	OPL	Palmyra Island, Line Islands, Kiribati (C)	PR-1S
Opaho, Hawaii, U.S.A.	OPA	Palo, Leyte, Philippines	PLP
Oran, R.S.F.S.R., U.S.S.R. (R)	ORA	Palo Alto—Branner, California, U.S.A. (C)	PAC
Orange Hill		Palomar, California, U.S.A.	PLM
Saint Vincent, St. Vincent and the Grenadines (R)	OHS	Palomares Road, California, U.S.A.	PLC
Orangeburg, South Carolina, U.S.A.	OSB	Palos Verdes, California, U.S.A. (R)	PVPS
Orangeburg, South Carolina, U.S.A. (C)	OSC	Palos Verdes, California, U.S.A. (C)	PVR
Orbe, Switzerland (C)	ORB	Palu, Sulawesi, Indonesia	PCI
Oregon House, California, U.S.A.	AOHM	Palu, Turkey (R)	PLU
Oricopia Mountain, California, U.S.A. (R)	ORCC	Pamitai, Society Islands, French Polynesia	PPT
Oriolo, Calabria, Italy	ORI	Panamint Range, California, U.S.A.	PGE
Orlando, Florida, U.S.A. (C)	OR-FL	Panarea, Lipari Islands, Italy	PLI
Orlik, R.S.F.S.R., U.S.S.R.	ORL	Panaratta, Trentino-Alto Adige, Italy (R)	PANI
Orapo, Piemonte, Italy	ORO	Pandan, Panay, Philippines (C)	PAP
Oraville, California, U.S.A.	ORV	Pandan, Panay, Philippines	PDP
Orti, Calabria, Italy	OII	Ponguna, Bougainville Island, Papua New Guinea	PAA
Ortiz Mountain, New Mexico, U.S.A.	OTZ	Panimavida, Linares, Chile (C)	PAN
Orta-Tokoy, Kirghiz S.S.R., U.S.S.R. (R)	OTK	Panjim, Goa, Daman and Diu, India	GOA
Osaka, Honshu, Japan	OSA	Pootou, Inner Mongolia, China (Mainland)	BTO
Osaka, Honshu, Japan	OSK	Papeete, Society Islands, French Polynesia	PPT
Osborn, New York, U.S.A. (R)	OSBY	Papeete—ORSTOM, Society Islands, French Polynesia	THT
Osh, Kirghiz S.S.R., U.S.S.R. (R)	OHH	Papenao, Society Islands, French Polynesia	PPN
Oshima, Bonin Islands, Japan	OSH	Paracas, Peru (C)	PCS
Oslo, Norway (C)	OO-NW	Paradise, Nevada, U.S.A. (R)	PARR
Osservatorio Vesuviano, Campania, Italy	OVO	Paradox Valley, Colorado, U.S.A.	PV01
Ossining, New York, U.S.A.	OSNY	Paradox Valley, Colorado, U.S.A.	PV02
Ossara, R.S.F.S.R., U.S.S.R. (R)	OSSR	Paradox Valley, Colorado, U.S.A.	PV03
Ostrov Zhiloy, Azerbaijan S.S.R., U.S.S.R. (R)	ZHI	Paradox Valley, Colorado, U.S.A.	PV04
Oswega, New York, U.S.A.	OSWG	Paradox Valley, Colorado, U.S.A.	PV05
Otepa, Tuamotu Archipelago, French Polynesia	OTP	Paradox Valley, Colorado, U.S.A.	PV06
Othello, Washington, U.S.A.	OTH	Paradox Valley, Colorado, U.S.A.	PV07
Otiari, R.S.F.S.R., U.S.S.R. (C)	OTI	Paradox Valley, Colorado, U.S.A.	PV0B
Ottawa, Ontario, Canada	OTT	Paradox Valley, Utah, U.S.A.	PV09
Ouanaham, Loyalty Islands	OUA	Paradox Valley, Colorado, U.S.A.	PV10
Oued Fadda, Algeria	OFD	Paragauld, Arkansas, U.S.A.	PGA
Oulu, Finland	OUL	Paraibuna, Sao Paulo, Brazil (R)	PRB
Oura, Honshu, Japan (U)	ORJ	Paraiso, California, U.S.A.	PRS
Ouranopolis, Greece	OUR	Paran, Israel	PRNI
Outingdale, California, U.S.A.	AODM	Paraskevi, Greece	PRK
Outlet, Hawaii, U.S.A.	OUT	Parcerpue Array, Louisiana, U.S.A.	LSU1
Ova Spin, Switzerland	OSS	Parcerpue Array, Louisiana, U.S.A.	LSU2
Ovalau, Fiji	OVA	Parcerpue Array, Louisiana, U.S.A.	LSU3
Over Castle Rock, New York, U.S.A. (C)	OCN	Parcerpue Array, Louisiana, U.S.A.	LSU4
Overtan, Nevada, U.S.A. (C)	OVE	Parcerpue Array, Louisiana, U.S.A.	LSU5
Owase, Honshu, Japan	OWA	Paris—Parc St. Maur, Ile de France, France	PAR
Owens Crossroads, Alabama, U.S.A.	OCA	Park Hill, California, U.S.A.	PKH
Owens River, California, U.S.A.	ORC	Parkers Pond, Newfoundland, Canada (R)	PKN
Owia, Saint Vincent, St. Vincent and the Grenadines	SOA	Parkfield Array, California, U.S.A.	PKF
Oxford, England, United Kingdom (C)	OXD	Parsans, Tennessee, U.S.A. (C)	PB-TN
Oxford, Mississippi, U.S.A. (C)	OXF	Parsons Mountain, South Carolina, U.S.A.	PRM
Oxtotitlan, Mexico, Mexico	OXM	Partacoona, South Australia, Australia	PNA
Oya 1, Honshu, Japan (U)	OYT	Parys, Orange Free State, South Africa	PRY
Oya 2, Honshu, Japan (R)	OYT2	Pas de la Cache, Dauphine, France (R)	PCHF
Oyama, Honshu, Japan	OYM	Pasadena, California, U.S.A.	PAS
Ozernaya, R.S.F.S.R., U.S.S.R. (R)	OZE	Pasadena High School, California, U.S.A. (R)	PHS
P.K. Le Raux Dam, Orange Free State, South Africa	PKR	Pasian Peak, Mindanao, Philippines	PPH
Pacheco Lake, California, U.S.A.	PCL	Paso Robles, California, U.S.A.	PPRM
Pacific Geoscience Centre, Sidney		Pasto, Colombia	PSO
British Columbia, Canada	PGC	Pasture Canyon, Utah, U.S.A. (C)	PST
Padangpanjang, Sumatera, Indonesia	PPI	Pasuquin, Luzon, Philippines	PIP
Padova, Veneto, Italy	PAD	Paterson, New Jersey, U.S.A. (C)	PNJ
Paea, Society Islands, French Polynesia	PAE	Patquia, La Rioja, Argentina	RTPR
Pagosa Springs, Colorado, U.S.A. (C)	PGS	Patras, Greece	PAT
Pahaquarry, New Jersey, U.S.A.	PON	Pauali, Hawaii, U.S.A.	PUH
Pahaa, Hawaii, U.S.A. (C)	PAH	Paushetka, R.S.F.S.R., U.S.S.R.	PAU
Pahrac Range, Nevada, U.S.A.	PRN	Pavia, Lombardia, Italy	PAV
Pahute Mesa, Nevada, U.S.A. (C)	LO2	Pavliani, Greece (R)	VPA
Pahute Mesa, Nevada, U.S.A. (C)	PMN	Pavlikeni, Bulgaria	PVL
Pak Chong, Thailand	PCT	Paxson, Alaska, U.S.A.	PAX
Palau, Belau (C)	PLA	Payson, Arizona, U.S.A. (C)	PY-AZ
Palazzola Acreide, Sicily, Italy	PZI	Pea Ridge, Alabama, U.S.A. (R)	PEA
Palermo, California, U.S.A.	PAM	Pea Ridge Mine, Missouri, U.S.A. (R)	MMM
Paliourion, Greece	PAIG	Peach Tree Valley, California, U.S.A.	PTV
Polisades, New York, U.S.A.	PAL	Peak Mountain, California, U.S.A.	PKM
Palm Springs, California, U.S.A. (R)	PSP	Peckham Road, California, U.S.A.	PKC
Palmer, Alaska, U.S.A.	PMR	Pedro Aguirre Cerda	
Palmer East, Alaska, U.S.A.	PME	South Shetland Islands, Antarctica (C)	PED
Palmer South, Alaska, U.S.A.	PMS	Pedro Bay, Alaska, U.S.A.	PDB
Palmer USGS, Alaska, U.S.A.	PLRM	Pedro Dame, Alaska, U.S.A. (C)	PJD

TABLE 2

NAMES

Pehpei, Sichuan, China (Mainland)	PEH	Pine Mountain, Oregon, U.S.A.	VPIM
Peine, Antofagasta, Chile (C)	PEI	Pine Pass, British Columbia, Canada (C)	PPC
Peking, Beijing, China (Mainland)	BJI	Pinedale, Wyoming, U.S.A. (C)	PI-WY
Peking, Beijing, China (Mainland) (C)	BJI2	Pinedale, Wyoming, U.S.A. (C)	PI1
Pelados, Peru	CHP1	Pinedale, Wyoming, U.S.A. (C)	PI2
Peldehue, Santiago, Chile	PEL	Pinedale, Wyoming, U.S.A. (C)	PI2WY
Pelee Aileron, Martinique (R)	PAI	Pinedale, Wyoming, U.S.A. (C)	PI3
Pelee Case Petit, Martinique	PCM	Pinedale, Wyoming, U.S.A. (C)	PI4
Pelee Desile, Martinique (R)	PDM	Pinedale, Wyoming, U.S.A. (C)	PI5
Pelee Morne Calebasse, Martinique	PMCB	Pinedale, Wyoming, U.S.A. (C)	PI6
Pelee Morne Lenard, Martinique	PML	Pinedale, Wyoming, U.S.A. (C)	PI7
Pelican Cone, Wyoming, U.S.A. (R)	YPPC	Pinedale, Wyoming, U.S.A. (C)	PI8
Penas, Bolivia (C)	PNS	Pinerola, Piemonte, Italy	PN1
Pender Island, British Columbia, Canada (C)	PIB	Pineville, West Virginia, U.S.A. (C)	PE-WV
Pendleton, Oregon, U.S.A.	PNO	Pinkham Creek, Montana, U.S.A. (C)	PNK
Pendleton, Oregon, U.S.A. (C)	PT-OR	Pinnacle, Alaska, U.S.A.	PCA
Penghu, China (Taiwan)	PNG	Pinnacle Mountain, Alaska, U.S.A.	PNN
Peninsula, Alaska, U.S.A.	PNL	Pinnacles, California, U.S.A.	BPIM
Penrod, Nevada, U.S.A. (C)	PNR	Pinotepa Nacional, Oaxaca, Mexico	PIO
Pensacola, Florida, U.S.A. (C)	PEN	Pinto Mountains, California, U.S.A.	PNMC
Pensacola Junior College, Florida, U.S.A. (R)	PJC	Pinyon Flat Observatory, California, U.S.A. (R)	PFO
Penteli, Greece	PTL	Pinyon Peak, California, U.S.A.	BPPM
Penticton, British Columbia, Canada	PNT	Piper Mountain, California, U.S.A.	PPK
Penuelas, Puerto Rico	PNP	Pipestone, Minnesota, U.S.A. (C)	PP-MN
Perris, California, U.S.A.	PEC	Pirkuli, Azerbaijan S.S.R., U.S.S.R. (R)	PLRS
Perris, California, U.S.A. (C)	PRR	Pirmosens, Rheinland-Pfalz, Fed. Rep. of Germany	PIR
Perry Basin, Utah, U.S.A. (C)	PBU	Pirque, Santiago, Chile	PCH
Perryville, Arkansas, U.S.A. (C)	PV-AR	Pisa, Toscana, Italy (C)	PIS
Pertek, Turkey (R)	PTK	Pisca, Peru	PT06
Perth, Western Australia, Australia (C)	PER	Piszkesteto, Hungary	PSZ
Perugia, Umbria, Italy	PRG	Pitcher Mountain, New Hampshire, U.S.A.	PNH
Pesaro, Marche, Italy	PRO	Pitten, Austria	PIA
Pescadera, California, U.S.A.	PSD	Pittsburgh, Pennsylvania, U.S.A. (C)	PI1
Peshawar, Pakistan (C)	PES	Piute Mountains, California, U.S.A. (C)	PIU
Peshawar, Pakistan	PSH	Piute Reservoir, Utah, U.S.A. (C)	PIU
Peshkapi, Albania	PHP	Piva, Bougainville Island, Papua New Guinea (C)	PIV
Peshtava, Tajik S.S.R., U.S.S.R. (R)	PSV	Pizona Creek, California, U.S.A. (U)	PZC
Petauke, Zambia (R)	PTZ	Plant 15--Mercuryville, California, U.S.A.	GFTM
Peters Valley, New Jersey, U.S.A. (C)	PVN	Plasencia, Spain	EPLA
Petersburg, Virginia, U.S.A.	PBV	Platte Center, Nebraska, U.S.A.	PCNE
Petersburg, Alaska, U.S.A.	PSA	Plattsburgh, New York, U.S.A.	PNY
Peterson, Alabama, U.S.A.	PTR	Plauen, German Dem. Rep.	PLN
Petit Manier, Saint Lucia	SLW	Plav, Yugoslavia	PVY
Petit Puy de Manson, Auvergne, France	PYM	Playitas, Nicaragua	PYT
Petropavlovsk-Kamchatskiy, R.S.F.S.R., U.S.S.R.	PET	Pleasant Grove, Mississippi, U.S.A.	PGM
Pfeiffer Point, California, U.S.A.	BPFM	Pleasant Valley, California, U.S.A.	PEV
Phelps, New York, U.S.A.	PHEL	Pleasanton Water Tower, California, U.S.A.	CPNM
Philadelphia, Pennsylvania, U.S.A. (C)	PHI	Pleito Hills, California, U.S.A. (R)	PLEC
Philippi, West Virginia, U.S.A. (C)	PX-WV	Plijevlja, Yugoslavia	PLE
Phu-Lien, Vietnam	PLV	Plavdiv, Bulgaria	PLD
Phulchaki, Nepal	PK1	Plymouth, Tobago, Trinidad and Tobago	PLY
Piacenza, Emilia-Romagna, Italy	PCN	Poas, Costa Rica	POA
Picacho Peak, California, U.S.A. (R)	PI1	Pocatello Creek, Idaho, U.S.A.	PTI
Picayune, Mississippi, U.S.A. (C)	PC-MS	Pachutla, Oaxaca, Mexico (R)	PLO
Pickel Lake, Connecticut, U.S.A.	MD2	Pohaiiki, Hawaii, U.S.A.	POH
Pickett Peak, California, U.S.A.	KPPM	Point Arena AFB, California, U.S.A. (C)	GAFM
Pickford, Michigan, U.S.A. (C)	PF-MI	Point Barrow, Alaska, U.S.A. (C)	PTB
Pickwick Lake, Alabama, U.S.A.	PWLA	Point Dume, California, U.S.A. (R)	PT2
Pico Espejo, Venezuela	PMV	Point Lisas, Trinidad, Trinidad and Tobago (C)	PLS
Pie de Palo, San Juan, Argentina (C)	PPA	Point Lookout, Virginia, U.S.A.	PLVA
Piedmont, Tennessee, U.S.A.	PDTN	Point Reyes, California, U.S.A.	NPRM
Pierce Ferry, Arizona, U.S.A. (C)	PFA	Point Reyes, California, U.S.A. (C)	PRC
Pierpont, South Carolina, U.S.A. (C)	PPS	Pointe Geologie, Greater Antarctica, Antarctica	DRV
Pietermaritzburg, Natal, South Africa (C)	PIE	Pointe Mollay, Kerguelen Islands	PMK
Pietermaritzburg, Natal, South Africa	PTM	Pointe-a-Pierre, Trinidad, Trinidad and Tobago	TPP
Pieve di Cadore, Veneto, Italy (C)	PDC	Pala, Yugoslavia (C)	POL
Pigeon Bay, South Carolina, U.S.A.	PBS	Pale Canyon, Utah, U.S.A.	PCY
Pigeon Point, Tobago, Trinidad and Tobago	PIG	Pole Mountain, Wyoming, U.S.A. (C)	PM-WY
Pilar, Cordoba, Argentina	PIL	Pole Mountain, Wyoming, U.S.A. (C)	PMW
Pilarcitos Creek, California, U.S.A.	PCC	Polino, Lazio, Italy	POI
Pilot Knob, California, U.S.A.	PLT	Poliakaewe Pali, Hawaii, U.S.A.	PWH
Pilot Rock, Oregon, U.S.A. (C)	PK-OR	Polly Butte, California, U.S.A. (R)	POB
Pin-lang, China (Taiwan)	TWG	Polygyros, Greece	PLG
Pinawa, Manitoba, Canada (C)	PWM	Pamoria, Tuamotu Archipelago, French Polynesia	PMO
Pine Canyon, California, U.S.A.	BPCM	Pomeroy, Washington, U.S.A. (C)	PH-WA
Pine Canyon, California, U.S.A. (C)	PNC	Pomia, New Britain, Papua New Guinea (C)	PNB
Pine Creek, Oregon, U.S.A. (C)	PN-OR	Pamona, California, U.S.A.	PCF
Pine Mountain, California, U.S.A.	GPM	Pamona, California, U.S.A. (C)	POM
Pine Mountain, California, U.S.A.	PEM	Pampeli, Campania, Italy (C)	PMP
Pine Mountain, Oregon, U.S.A.	PMT	Panca City, Oklahoma, U.S.A.	PCO



Ponce, Puerto Rico (C)	PON	Princeton, West Virginia, U.S.A.	PWV
Ponce, Puerto Rico (C)	PZ-PR	Promontory Point, Utah, U.S.A. (C)	PPU
Pondosa, California, U.S.A.	LPDM	Prospect, Texas, U.S.A.	PRST
Panelaya, Nicaragua	PYN	Prospect, Tobago, Trinidad and Tobago	TPR
Ponto Delgado, Azores, Portugal	PDA	Prosser, Washington, U.S.A.	PRW
Ponta Puerco, Puerto Rico	PTP	Pruhanice, Czechoslovakia	PRU
Pontiac, Illinois, U.S.A. (C)	PW-IL	Przhevalsk, Kirghiz S.S.R., U.S.S.R.	PRZ
Poona, Maharashtra, India	P00	Puale Bay, Alaska, U.S.A.	PUB
Poorman Mine, Colorado, U.S.A. (C)	PMC	Pueblo, Pueblo, Mexico	PUE
Popeni, Romania	PPE	Pueblo Viejo, Peru (C)	PVP
Popocatepetl, Mexico, Mexico	PPM	Puerto Escondido, Oaxaca, Mexico	PEX
Popondetta, New Guinea, Papua New Guinea (C)	POP	Puerto Galero, Mindoro, Philippines	PGP
Poppy Hill Road, California, U.S.A.	APRM	Puerto Jimenez, Costa Rica (R)	PUJ
Porcher Bluff, South Carolina, U.S.A.	PBF	Puerto Princesa, Palawan, Philippines	PPR
Pores Knob, North Carolina, U.S.A.	PKNC	Puerto de San Jose, Guatemala	PSG
Porkkalo, Finland	PKK	Puko, Albania	PUK
Port Antonio, Jamaica	PAJ	Pulaski, Virginia, U.S.A.	PUV
Port Bizet, Kerguelen Islands (R)	KPB	Pulau-Weh, Sumatra, Indonesia (C)	PWS
Port Blair, Andaman Islands, India	PBA	Pulheim, Nordrhein-Westfalen, Fed. Rep. of Germany	PLH
Port Douzieme, Kerguelen Islands (R)	KPD	Pulkovo, R.S.F.S.R., U.S.S.R.	PUL
Port Fidalgo, Alaska, U.S.A.	FID	Puno, Peru	PUN
Port Hardy, British Columbia, Canada	PHC	Punta Arenas, Magallanes, Chile (C)	PTA
Port Heiden, Alaska, U.S.A. (C)	PHA	Punta Banda, Baja California, Mexico	PBX
Port Louis, Guadeloupe	SEG	Punta Burica, Costa Rica	PBC
Port Moller, Alaska, U.S.A. (C)	PMA	Punto de Talca, Santiago, Chile	PUT
Port Moresby, New Guinea, Papua New Guinea	PMG	Puntijarka, Yugoslavia	PTJ
Port Renfrew, British Columbia, Canada	PFB	Pupokea, Hawaii, U.S.A. (C)	PUP
Port Royal, Jamaica	PRJ	Puquio, Peru	PP06
Port Stanley, Falkland Islands (C)	PSF	Purari, New Guinea, Papua New Guinea	PUR
Port Vilo, Vanuatu Islands	PVC	Puriscal, Costa Rica (R)	PUC
Port Wells, Alaska, U.S.A.	PWL	Purvis, Mississippi, U.S.A. (C)	PU-MS
Port aux Francois, Kerguelen Islands	PAF	Pusan, South Korea (C)	PUS
Portage, Alaska, U.S.A.	PTE	Putnam, New York, U.S.A.	PUTN
Portage, Utah, U.S.A.	PTU	Puu Honuaula, Hawaii, U.S.A.	PHO
Portageville, Missouri, U.S.A. (C)	PTG	Puu Huluhulu, Hawaii, U.S.A. (C)	PHH
Portalegre, Portugal	PRL	Puu Koliu, Hawaii, U.S.A.	PKL
Portland, Maine, U.S.A. (C)	POR	Puu Kamaama, Hawaii, U.S.A.	KMH
Portland, Oregon, U.S.A.	PTD	Puu Pili, Hawaii, U.S.A.	PPL
Portland Cottage, Jamaica	PCJ	Puu Ulaula, Hawaii, U.S.A.	PLL
Portland State University, Oregon, U.S.A.	HMO	Puy-de-Dome, Auvergne, France (C)	PDD
Porta, Portugal	PTO	Puysegur Point, South Island, New Zealand (C)	PPZ
Porto Cannane, Malise, Italy	PTC	Pyotigorsk, R.S.F.S.R., U.S.S.R.	PYA
Porto d'Ischio, Campania, Italy (C)	PDI	Pyongyang, North Korea (C)	PYO
Portola State Park, California, U.S.A.	LT3	Pyramid, California, U.S.A.	PYR
Porton East, England, United Kingdom	POE	Qibla Bandi, Pakistan (R)	QIB
Porton South, England, United Kingdom (C)	POS	Qingdao, Shandong, China (Mainland)	TSN
Porvoo, Finland (R)	PRF	Qiongzhang, Guangdong, China (Mainland)	QIZ
Porvoo, Finland (C)	PRV	Quabbin, Massachusetts, U.S.A.	QUA
Post, Texas, U.S.A. (C)	PO-TX	Quail Lake, California, U.S.A. (R)	QAL
Poste de la Boleine, Quebec, Canada	PBO	Quanzhou, Fujian, China (Mainland)	QZH
Potenciano, Costa Rica	PTCR	Quarto Castello, Toscana, Italy (C)	QCI
Potsdam, German Dem. Rep.	POT	Quartz Mountain State Park, Oklahoma, U.S.A. (C)	QMO
Potsdam, New York, U.S.A.	PTN	Quartz Mountain State Park, Oklahoma, U.S.A.	QZO
Potts Junction, Guam, Mariana Islands	PJG	Quartzite Mountain, Nevada, U.S.A. (C)	QM-NV
Potts Mountain, Virginia, U.S.A.	VWV	Quebec, Quebec, Canada	QCO
Pottstown, Pennsylvania, U.S.A. (C)	PJ-PA	Queen Charlotte, British Columbia, Canada	QCC
Pouilloux, Lyonnais, France	POU	Queen City Summit, Nevada, U.S.A.	QCS
Powerty Ridge, California, U.S.A. (C)	CB7	Queen of Sheba Mine, California, U.S.A.	QSM
Powhatan, Arkansas, U.S.A.	POW	Queensboro Lake, New York, U.S.A.	QLNY
Poza Rica, Veracruz, Mexico (C)	PZX	Queensbury, England, United Kingdom (C)	OMB
Pradon, Provence, France (R)	PRAF	Queenstown, Tasmania, Australia (R)	QTN
Prague, Czechoslovakia	PRA	Quepos, Costa Rica	QCR
Praha, Czechoslovakia	PRA	Quepos, Costa Rica	QPS
Prapat, Sumatera, Indonesia	PSI	Quesnel, British Columbia, Canada (C)	QN-BC
Prato, Toscana, Italy	PRT	Questelles Point	
Presa Benito Juarez, Oaxaca, Mexico	PBJ	Saint Vincent, St. Vincent and the Grenadines (C)	SVI
Preso Malpaso, Chiapas, Mexico	PMM	Quetta, Pakistan	QUE
Preso del Infiernillo, Michoacan, Mexico	PIM	Quetta, Pakistan (R)	QUPO
Prescott, Arizona, U.S.A. (R)	PAZ	Quezaltepeque, Guatemala	QZG
Preselentsi, Bulgaria	PSN	Quezon City, Luzon, Philippines	QCP
Presidio, California, U.S.A.	JPRM	Quien Sobe Ranch, California, U.S.A.	QSR
Preston, Idaho, U.S.A. (C)	PO-ID	Quillagua, Antofagasta, Chile	QUL
Pretoria, Transvaal, South Africa	PRE	Quillmona, Peru (C)	QUM
Price, Utah, U.S.A.	PCU	Quillmona, Peru	PT02
Priest, California, U.S.A.	PRI	Quinn River, Nevada, U.S.A. (U)	QNR
Prince George, British Columbia, Canada (C)	PG-BC	Quinn River Valley, Nevada, U.S.A. (C)	QRV
Prince George, British Columbia, Canada (C)	PG2BC	Quito, Ecuador (R)	QTO
Prince Rupert, British Columbia, Canada (R)	RUB	Quito, Ecuador (C)	QUI
Princeton, British Columbia, Canada (C)	PD-BC	Rabalankakaia, New Britain, Papua New Guinea	RAL
Princeton, New Jersey, U.S.A.	PRIN	Rabat, Morocco	RBA

Rabat Zaers, Morocco (C) .....	RBZ	Reyes Peak, California, U.S.A. ....	RYS
Rabaul, New Britain, Papua New Guinea .....	ERB	Reykjavik, Iceland .....	REY
Rabaul, New Britain, Papua New Guinea .....	RAB	Rhabara Hills, South Island, New Zealand (C) .....	RHP
Rabinol, Guatemala .....	RDG	Rhades, Greece (C) .....	RHO
Raciborz, Poland .....	RAC	Rib Lake, Wisconsin, U.S.A. (C) .....	RL-WS
Rockout Springs, California, U.S.A. ....	KRKM	Ribeira da Aeira, Azores, Portugal .....	RIA
Rodia Antilles .....		Ribeirinha, Azores, Portugal .....	RIB
Saint Vincent, St. Vincent and the Grenadines ....	RSV	Riberalta, Bolivia (C) .....	RTA
Ragged Mountain, Alaska, U.S.A. ....	RACM	Rice Lake, Wisconsin, U.S.A. (R) .....	RLW
Ragged Mountain, Alaska, U.S.A. (C) .....	RGD	Riceville, Tennessee, U.S.A. ....	RCT
Ragun, Tajik S.S.R., U.S.S.R. (R) .....	RAG	Rich Mountain, North Carolina, U.S.A. ....	RICH
Raibl, Friuli-Venezia Giulia, Italy .....	RBL	Richard D. Siegest, Alaska, U.S.A. ....	RDS
Railroad Flat South, California, U.S.A. ....	MRFM	Richard P. Wilkes, California, U.S.A. ....	ARWM
Rainbow Monument, Utah, U.S.A. ....	RMU	Richland, Washington, U.S.A. (R) .....	RCW
Rainbow Mountain, North Island, New Zealand (U) ....	RBV	Richland Balsam, North Carolina, U.S.A. ....	RBNB
Rainelle, West Virginia, U.S.A. (C) .....	RN-WV	Richmond, Florida, U.S.A. (C) .....	RIC
Raitenbuch, Bayern, Fed. Rep. of Germany .....	GRC4	Richton, Mississippi, U.S.A. (C) .....	RI-MS
Rakhov, Ukrainian S.S.R., U.S.S.R. ....	RAK	Rickey Ranch, California, U.S.A. ....	ARRM
Raleigh, North Carolina, U.S.A. ....	RNC	Ridgway, Colorado, U.S.A. ....	RW1
Raluana Point, New Britain, Papua New Guinea .....	RPT	Ridgway, Colorado, U.S.A. ....	RW2
Raman, Turkey .....	RAM	Ridgway, Colorado, U.S.A. ....	RW3
Ramapo Mountain, New Jersey, U.S.A. ....	RAMA	Ridgway, Colorado, U.S.A. ....	RW4
Rancho Los Cerritos, California, U.S.A. (R) .....	LCL	Ridgway, Colorado, U.S.A. ....	RW5
Rancho Navarro, California, U.S.A. ....	GRNM	Ridgway, Colorado, U.S.A. ....	RW6
Rancho San Jose, Baja California, Mexico (R) .....	RSJ	Right Bank House—Pihur, Pakistan (R) .....	RBH
Rangely, Colorado, U.S.A. ....	RGK	Rikitea, Tuamotu Archipelago, French Polynesia .....	RKT
Rangipa, North Island, New Zealand (R) .....	RGZ	Riland Hill .....	
Rangitukua, North Island, New Zealand (R) .....	RATZ	Saint Vincent, St. Vincent and the Grenadines (R) .....	SRH
Rangoon, Burma .....	RAN	Rim, Hawaii, U.S.A. ....	RIM
Raoul, Kermadec Islands, New Zealand .....	RAO	Rimrock, California, U.S.A. ....	RMR
Rapid City, South Dakota, U.S.A. ....	RCD	Rio Blanca, Colorado, U.S.A. (C) .....	RBC
Rapindik, New Britain, Papua New Guinea (C) .....	RAP	Rio Carpinteria, Cuba .....	RCC
Raratonga, Cook Islands .....	RAR	Rio Grant, New Mexico, U.S.A. (C) .....	RIO
Raspberry Island, Alaska, U.S.A. ....	RAI	Rio Hardy, Baja California, Mexico .....	RHM
Rat Island, Alaska, U.S.A. (C) .....	RAT	Rio Vista Mine, California, U.S.A. ....	RVM
Rathfarnham Castle, Eire (C) .....	DUB	Rio de Janeiro, Rio de Janeiro, Brazil .....	RDJ
Ratan, New Mexico, U.S.A. (C) .....	RT-NM	Riolas of Patras, Greece .....	RLS
Rattlesnake Hills, Washington, U.S.A. ....	RSW	Riau, Alaska, U.S.A. ....	RIU
Rattlesnake Mountain, Washington, U.S.A. ....	RMW	Riverside, California, U.S.A. ....	RVR
Rattlesnake Point, California, U.S.A. ....	ORAM	Riverside, Utah, U.S.A. (C) .....	RVUT
Rauvai, Tuamotu Archipelago, French Polynesia .....	RUV	Riverside Mountains, California, U.S.A. ....	RVS
Ravensbas, Netherlands .....	RSB	Riverview, New South Wales, Australia .....	RIV
Ravensburg, Baden-Wurttemberg, Fed. Rep. of Germany ..	RAV	Roach Canyon, California, U.S.A. ....	PRCM
Rawhide Mountain, Nevada, U.S.A. (C) .....	RH-NV	Robert W. Jensen, California, U.S.A. ....	ARJM
Raywood Flat, California, U.S.A. (R) .....	RAY	Robinson Crusoe Island, Valparaiso, Chile .....	IJF
Receiver Site, Nevada, U.S.A. (C) .....	NYR	Raburent, Piemonte, Italy .....	ROB
Reche Mountain, California, U.S.A. ....	RCH	Rocca di Papa, Lazio, Italy .....	RDP
Recreo, Guatemala .....	REC	Rochester—Mercier, New York, U.S.A. (C) .....	RMD
Red Butte Canyon, Utah, U.S.A. ....	RBV	Rochester—Odenbach, New York, U.S.A. ....	ROC
Red Hill, Tennessee, U.S.A. ....	RHT	Rock City, Georgia, U.S.A. ....	RCG
Red Lake, Ontario, Canada (C) .....	RK-ON	Rock Eagle, Georgia, U.S.A. ....	REG
Red Lake, Ontario, Canada .....	RSON	Rockefeller Mountains .....	
Red Ridge, Idaho, U.S.A. ....	RRI	Greater Antarctica, Antarctica (C) .....	RMA
Red Rock Canyon, Oklahoma, U.S.A. ....	RRO	Rockland Lake, New York, U.S.A. ....	RLSP
Red Spur Mountain, Utah, U.S.A. ....	RSUT	Rocky Gully, Western Australia, Australia .....	RKG
Redding Peak, California, U.S.A. ....	LRDM	Rocky Mountain, Maine, U.S.A. ....	D4A
Redig, South Dakota, U.S.A. (C) .....	RG-SD	Rodeo, San Juan, Argentina (R) .....	RTRS
Redondo Peak, New Mexico, U.S.A. ....	REDP	Rodeo Gulch Road, California, U.S.A. ....	JRGM
Redoubt, Alaska, U.S.A. ....	RDT	Radman Mountain, California, U.S.A. ....	ROD
Redoubt Volcano, Alaska, U.S.A. ....	RED	Ragnes, Provence, France .....	ROG
Redwood Retreat, California, U.S.A. ....	JRRM	Rahtak, Haryana, India (C) .....	ROH
Regar, Tajik S.S.R., U.S.S.R. (R) .....	RGR	Rakka, Hanshu, Japan (R) .....	RKO
Reggia Calabria, Calabria, Italy .....	RCI	Ralla, Missouri, U.S.A. ....	ROL
Reichertswinn, Bayern, Fed. Rep. of Germany .....	GRB2	Rolling Bench Mark, California, U.S.A. ....	BRMM
Reichold, Alabama, U.S.A. ....	RHA	Rama, Queensland, Australia .....	RMQ
Reidavae, R.S.F.S.R., U.S.S.R. ....	REI	Rama, Queensland, Australia (R) .....	RTQ
Reka, Solomon Islands (C) .....	RKS	Rambauer, Missouri, U.S.A. ....	RMB
Relizane, Algeria (C) .....	REL	Rame, Georgia, U.S.A. ....	RMG
Relizane, Algeria .....	RLA	Rame, Lazio, Italy .....	RMP
Remate, Alaska, U.S.A. ....	REM	Rame, Lazio, Italy (C) .....	ROM
Remate, Alaska, U.S.A. (C) .....	RON	Ramny, R.S.F.S.R., U.S.S.R. (R) .....	RMNS
Renegade Canyon West, California, U.S.A. ....	RCWM	Rancone, Trentino-Alto Adige, Italy (R) .....	RNI
Rena, Nevada, U.S.A. (C) .....	REN	Roopena, South Australia, Australia (R) .....	RPA
Rentapoo, Vanuatu Islands .....	RTV	Roorkee, Uttar Pradesh, India (R) .....	ROO
Reservoir Flats, Montana, U.S.A. ....	RFM	Roosevelt, Washington, U.S.A. ....	RPK
Resolute, Northwest Territories, Canada .....	RES	Roosevelt Hot Springs, Utah, U.S.A. ....	RHU
Reunian Island, Reunion .....	REU	Roosevelt Roads, Puerto Rico .....	RRD
Reveille Range, Nevada, U.S.A. (C) .....	RVE	Roosevelt Roads, Puerto Rico (C) .....	RRP
Rexburg, Idaho, U.S.A. ....	REX	Rappe, Alsace, France .....	ROF
Rexford, Montana, U.S.A. ....	RXF	Rose Lookout Tower, Oklahoma, U.S.A. ....	RLD

Rose Pump, California, U.S.A. (R)	RSE	Saint Pierre, Saint Pierre and Miquelan (C)	SPR
Rose Valley Central, California, U.S.A.	RVCM	Saint Saulge, Nivernais, France	SSF
Roseau, Dominica	DOM	Saint Saulge, Nivernais, France (C)	SSF1
Rosebud, Illinois, U.S.A.	GOLL	Saint Sauveur de Carouges, Normandie, France (C)	SSC
Roselend, Savoie, France	RSL	Saint Sauveur en Rue, Languedoc, France	SSB
Rosemanowes, England, United Kingdom	CRO	Saint Thomas, Virgin Islands	VST
Roseneath, North Island, New Zealand (C)	ROS	Saint Vincent	
Rossano, Calabria, Italy	ROI	Saint Vincent, St. Vincent and the Grenadines (C)	SVI
Rota, Nicaragua	RTN	Saint Vincent	
Roto-iti, South Island, New Zealand	RTY	Saint Vincent, St. Vincent and the Grenadines	SVT
Rotorua, North Island, New Zealand (C)	ROT	Sakai, Honshu, Japan (C)	SAA
Rotterdam, New York, U.S.A.	ROTD	Sakata, Honshu, Japan	SAK
Rougiers, Provence, France (C)	ROU	Sakata Outpost, Honshu, Japan	SKH
Round Butte Dam, Oregon, U.S.A.	VRBM	Sakura, Honshu, Japan (C)	SKU
Round Mountain, California, U.S.A. (R)	GRMM	Salado, Atacama, Chile (C)	SDO
Round Mountain, California, U.S.A.	RDM	Salem, South Dakota, U.S.A. (C)	SX-SD
Round Mountain, Idaho, U.S.A. (R)	RMI	Salem, Oregon, U.S.A.	VSMM
Round Mountain, California, U.S.A.	RMT	Salina, Kansas, U.S.A.	SNK
Round Top Mountain, California, U.S.A.	GRTM	Salinas, Antofagasta, Chile	SLN
Rowesville, South Carolina, U.S.A.	ROW	Salinas Radio Site, California, U.S.A.	BSRM
Roxburgh, South Island, New Zealand (C)	ROX	Salinas Radio Site, California, U.S.A. (C)	SRC
Rumangabo, Zaire (C)	RUM	Salò, Lombardia, Italy	SAL
Rumipamba, Ecuador	OUR	Salt, Jordan (R)	SALJ
Rumoi, Hokkaido, Japan	RMJ	Salt Lake City, Utah, U.S.A.	SLC
Russell Springs, Kentucky, U.S.A. (C)	RS-KY	Salta, Salta, Argentina (C)	SLT
Russellman Park, California, U.S.A.	CRPM	Saltair, Utah, U.S.A. (C)	SAU
Rutbah, Iraq	RTB	Saltlake, California, U.S.A. (R)	SDLC
Ruth, Nevada, U.S.A. (C)	RUT	Salto da Cavala, Azores, Portugal	SDCA
Ruthven, California, U.S.A.	RUN	Saltan Sea Test Base, California, U.S.A. (R)	SLTC
Ryan, Nevada, U.S.A.	RYN	Saltpond, Ghana (R)	SPG
Rybachye, Kirghiz S.S.R., U.S.S.R.	RYB	Samaipata, Bolivia (C)	SMB
Rybnik, Poland	RBN	Samarkand, Uzbek S.S.R., U.S.S.R.	SAM
Ryder, North Dakota, U.S.A. (C)	RY-ND	Samburg, Tennessee, U.S.A. (C)	DY4
SSI, Nevada, U.S.A. (C)	SSX	Samos, Greece (C)	SMS
Sa da Bondeira, Angola (C)	SDB	Samsville, Illinois, U.S.A.	SMV
Sa-Po, Vietnam (C)	SPV	Samuel, Rondonia, Brazil	SRB
Saarijarvi, Finland (R)	SIF	San Andreas Geological Observatory	
Saba, Netherlands Antilles (R)	SBN	California, U.S.A.	SAD
Saberio, Georgian S.S.R., U.S.S.R. (R)	SAB	San Andreas Lake, California, U.S.A. (C)	LT9
Sacbichol, Guatemala (R)	SBL	San Andreas Lake, California, U.S.A.	SAC
Sachs Harbour, Northwest Territories, Canada (R)	SWT	San Andres, Colombia	SRD
Sacramento, Kentucky, U.S.A.	SMKY	San Angelo, Texas, U.S.A. (C)	SA2TX
Saddle Back Butte, California, U.S.A.	SBB	San Angela, Texas, U.S.A. (C)	SA4TX
Saddle Mountain, Washington, U.S.A. (R)	SDL	San Antonio La Paz, Guatemala	SLP
Saddle Peak, California, U.S.A. (R)	SAD	San Antonio Reservoir, California, U.S.A.	PANM
Saddleback Mountain, California, U.S.A. (R)	SBKC	San Ardo, California, U.S.A.	PSAM
Sadie Cave, Alaska, U.S.A. (C)	SDEM	San Benito, California, U.S.A.	SBT
Saentis, Switzerland	SAX	San Bernardino Valley, California, U.S.A. (R)	SBVC
Safed, Israel (C)	SAF	San Calixto, Bolivia	LPZ
Saga, Kyushu, Japan	SAG	San Clemente Island, California, U.S.A.	SCI
Sagara, Honshu, Japan (R)	SGRN	San Cristobal, Venezuela (R)	SBV
Saigo, Honshu, Japan	SAI	San Cristobal, Santiago, Chile (C)	SCR
Saint Andrews, Washington, U.S.A.	SAW	San Diego--College, California, U.S.A.	SND
Saint Augustine, Trinidad, Trinidad and Tobago	TRN	San Diego--Robinson, California, U.S.A. (C)	SDC
Saint Breward, England, United Kingdom (R)	SBD	San Felipe, California, U.S.A.	SFL
Saint Claude, Guadeloupe	SCG	San Felipe, Baja California, Mexico	SFP
Saint Croix, Virgin Islands	SCV	San Fernando, Spain	SFS
Saint Francis Retreat, California, U.S.A.	HFSM	San Francisco, California, U.S.A. (C)	SFB
Saint Francois, Guadeloupe	SFG	San Francisco, California, U.S.A.	SFC
Saint George, New Brunswick, Canada	GGN	San Francisco--Randall Museum, California, U.S.A.	SFM
Saint George's, Grenada	GRE	San Francisco--Rincon, California, U.S.A. (C)	SFR
Saint George's Hill, Montserrat	MGH	San Gregoria, Peru (C)	SGP
Saint Helena Road, California, U.S.A.	NSHM	San Gregoria Matese, Campania, Italy	SGG
Saint John, Virgin Islands	SJV	San Javier, Linares, Chile (C)	SJC
Saint John's, Newfoundland, Canada	STJ	San Jaquin Reservoir, California, U.S.A. (C)	SJO
Saint Joseph Seminary, California, U.S.A.	SJH	San Jose, Texas, U.S.A. (C)	SJ-TX
Saint Kitts		San Jose, Costa Rica (C)	SJR
Saint Christopher, Saint Christopher-Nevis	SKI	San Jose, Costa Rica	SJS
Saint Louis, Missouri, U.S.A.	SLM	San Jose de Maipo, Santiago, Chile (C)	SJM
Saint Louis du Ha Ha, Quebec, Canada (R)	SLO	San Juan, San Juan, Argentina (R)	SJA
Saint Lucia, Saint Lucia (C)	SLI	San Juan, Puerto Rico	SJG
Saint Martin du Fouilloux, Poitou, France	MFF	San Juan, Peru (C)	SJN
Saint Ours, Provence, France (R)	SURF	San Juan, Puerto Rico (C)	SJP
Saint Patrick Mountain, Oregon, U.S.A.	VPMM	San Juan, Peru (R)	SJU
Saint Paul, Alaska, U.S.A. (C)	SP-IS	San Juan Bautista, California, U.S.A.	HBTM
Saint Paul, Alaska, U.S.A. (C)	SPP	San Juan Grade, California, U.S.A.	HJGM
Saint Paul Islands, Alaska, U.S.A. (C)	SPI	San Juan Tecuaco, Guatemala (R)	SJT
Saint Paul-en-Forêt, Provence, France (C)	SPF	San Juan del Sur, Nicaragua	SSN
Saint Peter's Dome Lookout, New Mexico, U.S.A.	SPD	San Lorenzo, Salta, Argentina	SLA
Saint Peters School, New York, U.S.A. (R)	SPSY	San Luis, Arizona, U.S.A. (R)	SLU

San Luis Dam, California, U.S.A. ....	HSLM	Savannah, Tasmania, Australia .....	SAV
San Luis Dam, California, U.S.A. ....	SLD	Savannah River Plant--D-Area, South Carolina, U.S.A. ....	SRPD
San Martin, San Luis, Argentina (R) .....	MRA	Savannah River Plant--Navy, South Carolina, U.S.A. ....	SRPN
San Miguel, Baja California, Mexico .....	SMX	Savannah River Plant--Well DRB-10 .....	
San Miguel Island, California, U.S.A. ....	BSM	South Carolina, U.S.A. ....	SRPW
San Nicolas Island, California, U.S.A. ....	BSN	Sava, Salaman Islands .....	SVO
San Nicolas Island, California, U.S.A. (C) .....	SNC	Sawahan, Jawa, Indonesia .....	SJI
San Onofre, California, U.S.A. ....	SNS	Sawauchi, Hanshu, Japan (R) .....	SAH
San Pablo Dam, California, U.S.A. ....	ZSP	Sawmill, Alaska, U.S.A. ....	SML
San Pedro Hill, California, U.S.A. (C) .....	SPH	Sawmill, California, U.S.A. ....	SWM
San Pedro Martir, Baja California, Mexico .....	SPX	Sawmill Road, California, U.S.A. ....	JSM
San Pedro Sula, Honduras .....	SSU	Sawyer, Alabama, U.S.A. ....	MLAL
San Pedro de Paas, Costa Rica (C) .....	SPS	Scarborough, Ontario, Canada (C) .....	SCB
San Rafael, Mendoza, Argentina .....	RFA	Schaffner Ranch, California, U.S.A. ....	SNR
San Ramon, California, U.S.A. ....	CRAM	Schefferville, Quebec, Canada .....	SCH
San Ramon, Costa Rica .....	SRA	Schefferville, Quebec, Canada (C) .....	SV2QB
San Salvador, El Salvador .....	SSS	Schefferville, Quebec, Canada (C) .....	SV3QB
San Seavine, California, U.S.A. ....	SS2	Scherman, New York, U.S.A. (R) .....	SRMY
San Ysidro, California, U.S.A. (R) .....	SYS	Schlegeis, Austria .....	SCE
Sanada, Honshu, Japan (C) .....	SDJ	Schleitheim, Switzerland .....	SLE
Sandae, Greater Antarctica, Antarctica .....	SNA	Schuyler, Virginia, U.S.A. (C) .....	SU-VA
Sanatoria Duran, Costa Rica .....	SDS	Schwarzwald, Baden-Wurttemberg, Fed. Rep. of Germany .....	FWS
Sanborn, New York, U.S.A. ....	SANY	Schweizer-Reneke, Transvaal, South Africa .....	SWZ
Sand Bay, Alaska, U.S.A. (C) .....	SBY	Scobie Ranch, California, U.S.A. ....	PSRM
Sand Canyon, California, U.S.A. (R) .....	SNDC	Scoresbysund, Greenland (C) .....	SCO
Sand Point, Alaska, U.S.A. ....	SDN	Scott Base, Greater Antarctica, Antarctica .....	SBA
Sanderson, Texas, U.S.A. (C) .....	SS-TX	Scott Mountain, Oregon, U.S.A. ....	VSCM
Sandia, California, U.S.A. ....	CSAM	Scott Ranch, California, U.S.A. (R) .....	STTC
Sandspit, British Columbia, Canada (C) .....	SSO	Scatts Peak, Tasmania, Australia .....	SPK
Sandy Hook, Tennessee, U.S.A. ....	SHTN	Scotty Lake, Alaska, U.S.A. (C) .....	SCT
Sang-Tuda, Tajik S.S.R., U.S.S.R. (C) .....	SAT	Seabrook, South Carolina, U.S.A. ....	SBK
Sannotarii, Hanshu, Japan (R) .....	STRE	Seaman Range, Nevada, U.S.A. ....	SRG
Sanriku, Hanshu, Japan (R) .....	SNI	Sears Point, California, U.S.A. ....	SNT
Sans Taucher, Guadeloupe .....	SSG	Seatoun, North Island, New Zealand (C) .....	STN
Santa, Luzon, Philippines .....	SZP	Seattle, Washington, U.S.A. (C) .....	SEA
Santa Anna di Valdieri, Piemonte, Italy .....	STV	Seattle--Marshall, Washington, U.S.A. (C) .....	STT
Santa Barbara, Azores, Portugal .....	ASBA	Sebenica, Yugoslavia (C) .....	SEB
Santa Barbara, California, U.S.A. ....	SBC	Sebes, Romania (R) .....	SBE
Santa Barbara Island, California, U.S.A. (R) .....	SBI	Sechelt, British Columbia, Canada .....	SHB
Santa Catalina Island West, California, U.S.A. (R) ..	CIW	See Canyon, California, U.S.A. ....	PSEM
Santa Clara--Ricard, California, U.S.A. (C) .....	SCL	Sefid-Raud, Iran .....	SRI
Santa Cruz, Santa Cruz, Argentina (C) .....	SCA	Segre, Maine, France .....	SGR
Santa Cruz, California, U.S.A. (C) .....	SCC	Sehare, Madhya Pradesh, India .....	SEH
Santa Cruz Island, California, U.S.A. ....	BSC	Seigler Mountain, California, U.S.A. ....	GSGM
Santa Elena, Costa Rica .....	AR5	Sekisanzan, Hanshu, Japan (R) .....	SSZ
Santa Fe, Peru .....	PT09	Seldavia, Alaska, U.S.A. ....	SLV
Santa Helena, Peru (C) .....	SHP	Seligman, Arizona, U.S.A. (C) .....	SG-AZ
Santa Lucia, Santiago, Chile (C) .....	STL	Semalu, New Britain, Papua New Guinea .....	ESM
Santa Margarita, California, U.S.A. ....	PMGM	Semeru, Jawa, Indonesia (C) .....	SMR
Santa Maria Island, Azores, Portugal (R) .....	SAZ	Seminaire Saint Martial, Haiti (C) .....	SSM
Santa Rita Coyatepec, Mexico, Mexico .....	IIC	Semipalatinsk, Kazakh S.S.R., U.S.S.R. ....	SEM
Santa Rosa, Guam, Mariana Islands .....	GUA	Semisapachnai Island, Alaska, U.S.A. (C) .....	SSI
Santa Rosa Mine, California, U.S.A. (R) .....	SME	Semlyachik, R.S.F.S.R., U.S.S.R. ....	SEL
Santa Rosa Mountain, California, U.S.A. (R) .....	SMO	Sendai, Hanshu, Japan .....	SEN
Santa Rosalia, Baja California Sur, Mexico (C) .....	SRL	Seneca, Oregon, U.S.A. (C) .....	SA-OR
Santa Teresa Hills, California, U.S.A. ....	JSTM	Seneffe, Belgium .....	SNF
Santa Ynez Peak, California, U.S.A. ....	SYP	Senekal, Orange Free State, South Africa .....	SEK
Santaquin Canyon, Utah, U.S.A. ....	SUU	Senzan, Hanshu, Japan .....	SNZ
Santiago, Chile .....	SAN	Seoul, South Korea .....	SEO
Santiago de Campastela, Spain .....	STS	Sept-Iles, Quebec, Canada .....	SIC
Santiago de Maria, El Salvador .....	SDM	Sermur, Marche, France (R) .....	SER
Santo Domingo, Dominican Republic .....	SDD	Serra, Bahia, Brazil .....	SOB1
Santo Domingo, Venezuela .....	SDV	Serrai, Greece .....	SRS
Sao Gancala, Bahia, Brazil .....	SOB2	Serra da Pilar, Portugal .....	PTO
Sao Simao, Minas Gerais, Brazil (R) .....	SIB	Setif, Algeria .....	SET
Sapporo, Hokkaido, Japan .....	SAP	Sevastopol, Ukrainian S.S.R., U.S.S.R. (C) .....	SEV
Sarajevo, Yugoslavia .....	SAR	Seven Falls, Quebec, Canada (C) .....	SFA
Saramarca, Peru (R) .....	PP04	Sevenhill, South Australia, Australia (C) .....	SNL
Saranda, Albania .....	SRN	Severa-Boykalsk, R.S.F.S.R., U.S.S.R. (R) .....	SVBS
Saratoga Country Club, California, U.S.A. (R) .....	SGC	Severa-Kurilsk, R.S.F.S.R., U.S.S.R. ....	SKR
Sargodha, Pakistan (R) .....	SARP	Severa-Muysk, R.S.F.S.R., U.S.S.R. (R) .....	SVK
Sarutani, Hanshu, Japan .....	SRT	Sevinc, Turkey (R) .....	SGT
Sarykul, Turkmen S.S.R., U.S.S.R. (R) .....	SA1	Sewanee, Tennessee, U.S.A. (C) .....	SWTN
Saskatoon, Saskatchewan, Canada (C) .....	SAS	Seward, Alaska, U.S.A. ....	SEW
Satara, Maharashtra, India (C) .....	STA	Seward Park, Washington, U.S.A. ....	SPW
Saturna Island, British Columbia, Canada .....	SNB	Seydisehir, Turkey .....	SYT
Sault Sainte Marie, Ontario, Canada (C) .....	SL-ON	Seymchan, R.S.F.S.R., U.S.S.R. ....	SEY
Saumlaki, Maluku, Indonesia .....	SLKI	Seymour, Texas, U.S.A. (C) .....	SM-TX
Savage River, Tasmania, Australia .....	SVR	Sfinta Ana, Romania (C) .....	AAR
Savane Anatole, Martinique .....	SVN	Shaartuz, Tajik S.S.R., U.S.S.R. (R) .....	SHTS

Shafter, Texas, U.S.A. (R)	SFTX	Sicignano, Campania, Italy	SGO
Shahrud, Iran	SHD	Sida, Iceland	SID
Shaikh Budin, Pakistan (R)	SBDP	Sidewinder Mine, California, U.S.A.	SDW
Shailerville, Connecticut, U.S.A.	MD5	Sidi-Bau-Said, Tunisia	SBS
Shamokin, Pennsylvania, U.S.A. (C)	SH-PA	Siena, Toscana, Italy	SIE
Shamrock, Texas, U.S.A. (C)	SK-TX	Sierra de la Ventana, Buenos Aires, Argentina	VBA
Shandon, California, U.S.A.	PSHM	Signal Hill, Tobago, Trinidad and Tabago (R)	SIH
Sharpitor, England, United Kingdom (R)	SHT	Signal de Mant, Bourbonnais, France	SMF
Shasta Dam, California, U.S.A. (C)	SHS	Signy Island, South Orkney Islands, Antarctica (R)	SGY
Shawinigan Falls, Quebec, Canada (C)	SHF	Sikeston, Missouri, U.S.A. (R)	SIK
Sheep, California, U.S.A.	HSPM	Sikka, R.S.F.S.R., U.S.S.R. (C)	SKK
Sheep Canyon, Utah, U.S.A. (C)	SCU	Silva Ranch, California, U.S.A.	BSLM
Sheep Creek Facility, Alaska, U.S.A. (C)	SCF	Silver City, Yukon Territory, Canada (U)	SIY
Sheep Creek Mountain, Alaska, U.S.A.	SCM	Silver City, New Mexico, U.S.A.	SVM
Sheep Hole Mountains, California, U.S.A. (R)	SHH	Silver Creek, California, U.S.A.	SVC
Sheep Range, Nevada, U.S.A.	SHRG	Silver Gate, Montana, U.S.A.	SGM
Sheffield, Tasmania, Australia	SFF	Silver Peak, California, U.S.A.	SIL
Sheki, Azerbaijan S.S.R., U.S.S.R. (R)	SHKS	Silver Peak Range, Nevada, U.S.A.	SVP
Shelby Forest, Tennessee, U.S.A. (C)	SFTN	Silverton, Transvaal, South Africa	SLR
Shell Creek, Oklahoma, U.S.A. (R)	SCE1	Simferopol, Ukrainian S.S.R., U.S.S.R.	SIM
Shemakha, Azerbaijan S.S.R., U.S.S.R.	SHE	Simi Peak, California, U.S.A.	SI2
Shemya, Alaska, U.S.A.	SMY	Simia, Greece (R)	VSI
Shemya, Alaska, U.S.A. (C)	SQ-IS	Simla, Himachal Pradesh, India (C)	SMI
Shenyang, Liaoning, China (Mainland)	FEN	Simon, Nevada, U.S.A. (U)	SIMR
Shenyang, Liaoning, China (Mainland)	SNY	Simushir, R.S.F.S.R., U.S.S.R.	SIU
Sherbrooke, Quebec, Canada	SBQ	Singapore, Singapore (R)	SING
Sherman Crater—Mount Baker, Washington, U.S.A. (C)	SCW	Singkong, China (Taiwan)	HSI
Sherman Glacier, Alaska, U.S.A.	SGAM	Sining, Qinghai, China (Mainland)	SNN
Sherwood Peak, California, U.S.A.	KSPM	Sinj, Yugoslavia (C)	SNJ
Sheshan, Shanghai, China (Mainland)	SSE	Sinjo, China (Taiwan)	HSN
Sheshan, Shanghai, China (Mainland) (C)	ZSC	Sinanel, Guatemala (R)	SLG
Shibata, Honshu, Japan (R)	SBH	Sint Maarten, Netherlands Antilles	MRN
Shichikawa, Honshu, Japan	SKW	Sinyu, Kyushu, Japan (R)	KV12
Shikano, Honshu, Japan (R)	SNTD	Siamisaki, Honshu, Japan	SHJ
Shikotan, R.S.F.S.R., U.S.S.R.	SHO	Sion, Switzerland (C)	SIS
Shillong, Meghalaya, India	SH10	Siaux Lookout, Ontario, Canada	SXO
Shillong, Meghalaya, India	SHL	Siria, Venezuela	SIR
Shimbara, Kyushu, Japan (U)	SHV	Sitka, Alaska, U.S.A.	SIT
Shimizu, Shikoku, Japan	SHM	Sitkalidak Island, Alaska, U.S.A.	SKD
Shimobe, Honshu, Japan (R)	SBJ	Sitkinak Island, Alaska, U.S.A.	SII
Shimogamo, Honshu, Japan (U)	SGMN	Sixmile, Montana, U.S.A.	SXM
Shimohsa, Honshu, Japan (R)	SMJ	Skaggs Springs, California, U.S.A.	SKG
Shimokamo, Honshu, Japan (U)	SMK	Skalnate-Pleso, Czechoslovakia	SPC
Shimonoto, Honshu, Japan (U)	SMJD	Skalstugan, Sweden (C)	SKA
Shimonoeki, Honshu, Japan	SHN	Skaneateles, New York, U.S.A. (C)	SKN
Shimonoseki, Honshu, Japan (R)	SHN1	Ski Hill Lift, New York, U.S.A.	SKLY
Shimonoseki 2, Honshu, Japan	SHNJ	Skidegate, British Columbia, Canada	SKB
Shimonoseki 3, Honshu, Japan	SHN	Skilak, Alaska, U.S.A. (C)	SKL
Shimotochinai, Honshu, Japan (R)	K03	Skilak Lake, Alaska, U.S.A.	SLKM
Shimoyama, Honshu, Japan (R)	SYJ	Skapelos, Greece (R)	VSK
Shinagawa, Honshu, Japan (C)	SIN	Skapje, Yugoslavia	SKO
Shing, Tajik S.S.R., U.S.S.R. (R)	SN1	Skwentna, Alaska, U.S.A.	SKT
Shingle Point, Yukon Territory, Canada	SPY	Slandsville, South Carolina, U.S.A.	SVS
Shinhuzimiza, Honshu, Japan (R)	SHZE	Slate Mountain, Nevada, U.S.A. (C)	STM
Shinkitari, Pakistan	SIP	Sleeping Mountain, Nevada, U.S.A. (C)	SMN
Shinpujiji, Honshu, Japan (R)	SPJN	Sleepy Eye, Minnesota, U.S.A. (C)	SE-MN
Shinshu-Shinmachi, Honshu, Japan (C)	SSJ	Slick, Oklahoma, U.S.A.	SIO
Shionomisaki, Honshu, Japan	SHJ	Slough House Road, California, U.S.A. (R)	ASRM
Ship Mountains, California, U.S.A.	SPM	Smeltzer Mountain, South Carolina, U.S.A.	SMSC
Shirahama, Kyushu, Japan (R)	SHRD	Smith Mountain, California, U.S.A.	PSMM
Shirakawa, Honshu, Japan	SHR	Smithers, British Columbia, Canada (C)	SI-BC
Shirakawa, Honshu, Japan (U)	SRJD	Smyrna, Washington, U.S.A.	SYR
Shiraki, Honshu, Japan	SHK	Snake Ranch Flats, New Mexico, U.S.A. (C)	SRF
Shiraz, Iran	SHI	Snort, California, U.S.A. (R)	SRTC
Shirayama, Honshu, Japan	STRY	Snow College, Utah, U.S.A.	SNO
Shirttail Gulch, California, U.S.A.	SHG	Snow Mountain, California, U.S.A.	GSNM
Shizugawa, Honshu, Japan (U)	SZG	Snowbank Mountain, Idaho, U.S.A.	SBID
Shizuoka, Honshu, Japan	SHZ	Snowflake, Arizona, U.S.A. (C)	SF-AZ
Shkodra, Albania	SDA	Sobradinho, Bahia, Brazil	SOB
Shoal, Nevada, U.S.A. (C)	SZ-NV	Sobradinho, Bahia, Brazil	SOB1
Short Canyon, California, U.S.A.	WSCM	Sabradinho, Bahia, Brazil	SOB2
Short Mountain, Tennessee, U.S.A.	SMTN	Sabradinho, Bahia, Brazil	SOB3
Shoshone Peak, Nevada, U.S.A.	SSP	Sobradinho, Bahia, Brazil	SOB4
Shou Shan, China (Taiwan) (C)	TWM	Sochi, R.S.F.S.R., U.S.S.R.	SOC
Shou Shan, China (Taiwan)	TWM1	Socarra, New Mexico, U.S.A.	SNM
Shawa-Shinzan, Hokkaido, Japan (R)	SHOH	Socarra—La Joya, New Mexico, U.S.A. (C)	SRM
Shuyak Island, Alaska, U.S.A.	SHU	Socrates Mine, California, U.S.A.	GSMM
Sian, Shaanxi, China (Mainland) (C)	SIA	Soda Butte, Wyoming, U.S.A. (R)	YPSB
Sibenik, Yugoslavia (C)	SEB	Soda Springs, California, U.S.A.	SOS
Sicasica, Bolivia (C)	SCS	Sodankyla, Finland	SOD

Sodus, New York, U.S.A. ....	SONY	Stent, California, U.S.A. ....	MSTM
Soengei Langka, Sumatera, Indonesia (C) ....	SLS	Stepanavan, Armenian S.S.R., U.S.S.R. ....	STE
Sofia, Bulgaria ....	SOF	Stephens Creek, New South Wales, Australia ....	STK
Sokhos, Greece ....	SOH	Stephens Glacier, Alaska, U.S.A. (C) ....	SGA
Sola, Vanuatu Islands ....	VLN	Stepladder Mountains, California, U.S.A. (C) ....	STP
Solana Beach, California, U.S.A. ....	SLBC	Sterling, Utah, U.S.A. ....	SGU
Solania, Costa Rica ....	AR4	Sterling Forest, New York, U.S.A. (R) ....	SFN
Solantsavoya, R.S.F.S.R., U.S.S.R. (R) ....	SOL	Sterling Forest, New York, U.S.A. (C) ....	SFO
Sombrero, Magallanes, Chile ....	SOM	Stevens Creek, California, U.S.A. ....	SEC
Sombrero, Anguilla (R) ....	SWIP	Stickney, South Dakota, U.S.A. (C) ....	SY-SD
Somee, Nivernois, France ....	LOR	Stiles, New York, U.S.A. (R) ....	STLY
Somerset, Colorado, U.S.A. ....	SMC	Stillwater, Nevada, U.S.A. (C) ....	ST-NV
Somplago, Friuli-Venezia Giulia, Italy (C) ....	SMP	Stillwater, New York, U.S.A. ....	STWA
Sonepat, Uttar Pradesh, India (C) ....	SNP	Stillwater, Nevada, U.S.A. (U) ....	SWN
Songkhla, Thailand ....	SNG	Stimpson Lane, California, U.S.A. ....	OSTM
Sonneberg, German Dem. Rep. (C) ....	SON	Stackdale Mountain, California, U.S.A. ....	PSTM
Sonora, Kentucky, U.S.A. ....	SOKY	Staellet, Sweden ....	SLL
Sopron, Hungary ....	SOP	Staepbach, Bayern, Fed. Rep. of Germany ....	GRA4
Sorel, Quebec, Canada (C) ....	SO-OB	Stane Canyon, California, U.S.A. ....	BSCM
Soraa, Cuba ....	SOR	Stane Canyon Observatory, California, U.S.A. (C) ....	STC
Sarang, Irian Jaya, Indonesia ....	SWI	Stane Canyon Reservoir, California, U.S.A. (R) ....	SCY
Sospel, Provence, France (R) ....	SBF	Stone Ridge, New York, U.S.A. (R) ....	PKNY
Souberoch, Provence, France (R) ....	SOU	Stone Ridge, New York, U.S.A. (R) ....	PONY
Soufriere Volcano		Stone Ridge, New York, U.S.A. (R) ....	SPNY
Saint Vincent, St. Vincent and the Grenadines ....	SVV	Staneypath, Scotland, United Kingdom ....	ESY
Saurhope Farm, Scotland, United Kingdom ....	XSO	Stany Hill, Jamaica ....	STH
South Base Booster, California, U.S.A. (R) ....	BOOC	Stany Point, New York, U.S.A. ....	SNPY
South Blackrange, New South Wales, Australia ....	SBR	Stany River, Alaska, U.S.A. (C) ....	STY
South Creeke, England, United Kingdom (R) ....	SCK	Stanyhurst, England, United Kingdom (C) ....	STO
South Dennis, Massachusetts, U.S.A. ....	COD	Starrs, Connecticut, U.S.A. ....	UCT
South Grapevine Mountains, Nevada, U.S.A. ....	SGV	Strasbourg, Alsace, France ....	STR
South Ingalls, Colorado, U.S.A. (C) ....	SIG	Stratford, North Island, New Zealand (C) ....	STZ
South Kanaga, Alaska, U.S.A. ....	AD6	Strathgordon, Tasmania, Australia ....	STG
South Karori, North Island, New Zealand (R) ....	SKZ	Streeter, Texas, U.S.A. (C) ....	ST1TX
South Karori, North Island, New Zealand ....	SNZ0	Streeter, Texas, U.S.A. (C) ....	ST2TX
South La Sal, Colorado, U.S.A. ....	PV10	Streeter, Texas, U.S.A. (C) ....	ST4TX
South Lassen, California, U.S.A. ....	LSLM	Strehaia, Romania ....	SRE
South Mountain, Washington, U.S.A. ....	SMW	Striped Hills, Nevada, U.S.A. ....	SDH
South Point, Hawaii, U.S.A. ....	SPT	Striped Peak, Washington, U.S.A. ....	STW
South Pole, Greater Antarctica, Antarctica ....	SPA	Stromboli-Ginostro, Lipari Islands, Italy ....	GIN
South Ridge, Fiji ....	SGE	Stuttgart, Baden-Wuerttemberg, Fed. Rep. of Germany ..	STU
South Tanaga, Alaska, U.S.A. ....	AK2	Su-ao, China (Taiwan) ....	TWC
South Tanaga, Alaska, U.S.A. (C) ....	AT2	Subarray A0 LASA, Montana, U.S.A. (C) ....	-A0MA
Southern Antelope Island, Utah, U.S.A. ....	AIUT	Subic Bay, Luzan, Philippines (C) ....	SBP
Southern Illinois University, Illinois, U.S.A. ....	SIUC	Suche, Peru ....	PT08
Southwest Bay, Vanuatu Islands ....	SWB	Suckling Hill, Alaska, U.S.A. ....	SUK
Southwest Rift, Hawaii, U.S.A. ....	SWH	Sucre, Bolivia (C) ....	SUC
Savefa, Bahia, Brazil ....	SOB	Sud-Ghaubbet, Djibauti ....	SGH
Spangler Hills, California, U.S.A. (R) ....	WSHM	Sudbury, Ontario, Canada ....	SUD
Sparrevahn, Alaska, U.S.A. ....	SVW	Sudbury, Ontario, Canada (R) ....	SUO
Sparta, Oregon, U.S.A. (C) ....	SR-OR	Sue Hat Springs, Nevada, U.S.A. (R) ....	SOX
Spiridon Lake, Alaska, U.S.A. ....	SPL	Suffern, New York, U.S.A. ....	SUFF
Spokane, Washington, U.S.A. (C) ....	SPO	Suffield, Alberta, Canada ....	SES
Spotted Range, Nevada, U.S.A. ....	SPRG	Sufi-Kurgan, Kirghiz S.S.R., U.S.S.R. ....	SFK
Spring Butte, Oregon, U.S.A. ....	VSBM	Sugar Island, Michigan, U.S.A. (C) ....	SUG
Spring Hill, Alabama, U.S.A. ....	SHA	Sugarloaf Mountain West, California, U.S.A. (R) ....	SMWM
Springerville, Arizona, U.S.A. (C) ....	SV-AZ	Sugihara, Hanshu, Japan (U) ....	SRJ
Springfield, Nebraska, U.S.A. (C) ....	SGN	Sugihashi, Hanshu, Japan (U) ....	SGJ
Springhill, Indiana, U.S.A. (R) ....	SHIN	Suihua, Heilongjiang, China (Mainland) ....	SUI
Spur Tree, Jamaica (R) ....	SPJ	Sulaymaniyah, Iraq (R) ....	SLY
Squaw Peak, Utah, U.S.A. (C) ....	SQU	Sulen, Norway ....	SUE
Squaw Tit, California, U.S.A. ....	TIT	Sullivan, Tennessee, U.S.A. ....	SLTN
Sredniy Kalar, R.S.F.S.R., U.S.S.R. ....	SRK	Sulphur Creek, New Britain, Papua New Guinea (C) ....	RAP
Srobarova, Czechoslovakia ....	SRO	Sulphur Creek, New Britain, Papua New Guinea ....	SUL
St. George, South Carolina, U.S.A. ....	SGS	Sultan-Mazar, Tajik S.S.R., U.S.S.R. (C) ....	SMT
St Kitts		Sumiainen, Finland ....	SUF
Saint Christopher, Saint Christopher-Nevis (R) ....	STKP	Sumiya, Jordan (R) ....	SMAJ
Staonga, Sweden (R) ....	SGAS	Summer Shade, Kentucky, U.S.A. ....	SSKY
Stalinabad, Tajik S.S.R., U.S.S.R. ....	DSH	Summerton, South Carolina, U.S.A. (C) ....	SMA
Stanford Telescope, California, U.S.A. ....	SFT	Summit Reservoir, Idaho, U.S.A. ....	SURI
Stansbury Island, Utah, U.S.A. (C) ....	SBU	Summit Valley, Montana, U.S.A. ....	SVMT
Stansbury North, Utah, U.S.A. ....	SNU	Sumoto, Shikoku, Japan ....	SUM
Star City, Arkansas, U.S.A. ....	STAR	Sunasenri, Kyushu, Japan (R) ....	SUNK
Star Valley, Idaho, U.S.A. (C) ....	STI	Sunflower, Arizona, U.S.A. (C) ....	SN-AZ
Stara Dala, Czechoslovakia ....	HRB	Sunnyside, Utah, U.S.A. (C) ....	SUN
State College, Pennsylvania, U.S.A. ....	SCP	Sunnyside Mine, Utah, U.S.A. (C) ....	SMU
Station 2, Nevada, U.S.A. (C) ....	STX	Sunset Crater National Monument, Arizona, U.S.A. ....	SCN
Ste.-Marie-aux-Mines, Lorraine, France ....	ECH	Sunset Lake, Pennsylvania, U.S.A. (C) ....	SSL
Steiermark, Austria (C) ....	GRA	Sunset Peak, California, U.S.A. (R) ....	SSK
Steinbach, Nordrhein-Westfalen, Fed. Rep. of Germany	STB	Sunshine, Alaska, U.S.A. (C) ....	SSH

Shunshine Point, Alaska, U.S.A. ....	SNH	Talbingo, New South Wales, Australia .....	TAO
Superstition Mountain.-Californja, U.S.A. ....	SUP	Talbot Braak, Western Australia, Australia .....	WA3
Surdac, Rmania (R) .....	SDR	Talcatt Mountain, Connecticut, U.S.A. (C) .....	TMT
Susaki, Honshu, Japan (C) .....	SUS	Taldy-Kurgan, Kazakh S.S.R., U.S.S.R. (R) .....	TDK
Susara, Romania .....	SSR	Talgar, Kazakh S.S.R., U.S.S.R. ....	TLG
Susitna, Alaska, U.S.A. (C) .....	SST	Talkeetna Mountains, Alaska, U.S.A. (C) .....	TLK
Susitna One, Alaska, U.S.A. ....	SUA	Talladega, Alabama, U.S.A. ....	TDA
Susuman, R.S.F.S.R., U.S.S.R. (R) .....	SUUS	Tamanrasset, Algeria .....	TAM
Susurluk, Turkey (R) .....	SLK	Tamara, Switzerland .....	TMA
Sutcliffe, Nevada, U.S.A. (C) .....	SC-NV	Tamdybulak, Uzbek S.S.R., U.S.S.R. (R) .....	TMD
Sutherland, Cape Province, South Africa .....	SUR	Tampico, Tamoulipas, Mexica .....	TMX
Sutter Buttes, California, U.S.A. ....	OSUM	Tanabu, Honshu, Japan (C) .....	TNB
Suttisu, Hokkaido, Japan .....	SUT	Tanaka, New Britain, Papua New Guinea .....	TKA
Suva, Fiji (C) .....	SUV	Tanana, Alaska, U.S.A. ....	TNN
Suva, Fiji .....	SVA	Tananarive, Madagascar .....	TAN
Sverdlovsk, R.S.F.S.R., U.S.S.R. ....	SVE	Tandil, Buenos Aires, Argentina (R) .....	TNDA
Swabi-Mairo, Pakistan (R) .....	SWR	Tanega-shima, Ryukyu Islands, Japan .....	TAJ
Swamp Creek, Montana, U.S.A. (C) .....	SWP	Tanega-shima 2, Ryukyu Islands, Japan (R) .....	TAJ2
Swan Island, Swan Island (C) .....	SWA	Tangerang, Jawa, Indonesia .....	TNG
Swan Pond Ditch, Indiana, U.S.A. ....	SPIN	Tangkuban-Prahu, Jawa, Indonesia (C) .....	TPJ
Swan View, Western Australia, Australia .....	SWV	Tanjungpandan, Sumatera, Indonesia (R) .....	TPI
Swanson's Bluff, California, U.S.A. ....	BSBM	Tannan, Honshu, Japan (R) .....	TNJ
Swaziland, Swaziland (C) .....	SWD	Tannehill State Park, Alabama, U.S.A. ....	TSAL
Sweetgrass, Montana, U.S.A. (C) .....	SW-MA	Tanti, Cordoba, Argentina .....	TCA
Sydney, New South Wales, Australia (C) .....	SYD	Tanta, Honshu, Japan (R) .....	TTOK
Syncline Ridge, Nevada, U.S.A. (C) .....	NYS	Tapachula, Chiapas, Mexico .....	TPX
Syawa, Greater Antarctica, Antarctica .....	SYO	Tapini, New Guinea, Papua New Guinea (C) .....	TPN
Syuhurei, South Korea (C) .....	SYU	Tapuia, Bahia, Brazil .....	SOB3
Syulban, R.S.F.S.R., U.S.S.R. (R) .....	SLBS	Tara, Eire .....	ETA
Szeged, Hungary (C) .....	SZE	Tara Hills, South Island, New Zealand (C) .....	THP
T ar C, New Mexico, U.S.A. (C) .....	TC-NM	Taradale, North Island, New Zealand .....	TRZ
Ta-wu, China (Taiwan) .....	TAW	Tarade, Guadeloupe .....	TAG
Tabele, New Guinea, Papua New Guinea .....	TBL	Taranto, Puglia, Italy (C) .....	TAR
Tabernacle, New Jersey, U.S.A. (C) .....	TABN	Taranto, Puglia, Italy .....	TTI
Tabernacle Mountain, British Columbia, Canada .....	TABB	Tarata, North Island, New Zealand (C) .....	TNZ
Table Mountain, California, U.S.A. ....	OTBM	Taravaa, Society Islands, French Polynesia .....	TVO
Table Mountain, California, U.S.A. (C) .....	TMC	Tarawera, North Island, New Zealand (R) .....	TAZ
Table Rock, New York, U.S.A. ....	TBR	Tarbela, Pakistan (R) .....	TRB
Tabriz, Iran .....	TAB	Tarija, Bolivia (C) .....	TRJ
Tabubil, New Guinea, Papua New Guinea .....	TZZ	Tarragona, Spain .....	EBR
Taburiente, Canary Islands, Spain .....	TBT	Tarraleah, Tasmania, Australia .....	TRR
Tacubaya, Distrito Federal, Mexico .....	TAC	Tartu, Estonian S.S.R., U.S.S.R. (C) .....	TTU
Tadjoura, Djibouti .....	TDD	Tash-Pashat, Kirghiz S.S.R., U.S.S.R. (R) .....	TSTS
Tadjoura, Djibouti (C) .....	TDJ	Tashkent, Uzbek S.S.R., U.S.S.R. ....	TAS
Tadatsu, Shikoku, Japan (C) .....	TAD	Taslik, Turkey (R) .....	TST
Taegu, South Korea (C) .....	TAE	Tasmania University, Tasmania, Australia .....	TAU
Tafaralt, Morocco .....	TAF	Tasu, British Columbia, Canada .....	TSB
Taft, California, U.S.A. (C) .....	TF-CL	Tatalina, Alaska, U.S.A. ....	TTA
Taghi Ghambar, Iran .....	TGI	Tatalina, Alaska, U.S.A. (C) .....	TTL
Tahingamata, North Island, New Zealand (R) .....	TUTZ	Tateyama, Honshu, Japan .....	TAT
Tahiti, Society Islands, French Polynesia (C) .....	TAH	Tateyama, Honshu, Japan (R) .....	TYM
Tai-chung, China (Taiwan) .....	TCU	Tatsuka, Hokkaido, Japan (R) .....	TATH
Tai-nan, China (Taiwan) .....	TAI	Tatum Dame, Mississippi, U.S.A. (C) .....	TO-MS
Tai-tung, China (Taiwan) .....	TTN	Tatung, Shanxi, China (Mainland) .....	ITC
Taian, Shandong, China (Mainland) .....	TIA	Taunus, Hessen, Fed. Rep. of Germany .....	TNS
Taihaku, China (Taiwan) .....	TAP	Tavernes, Provence, France (R) .....	TAVF
Taipei, China (Taiwan) .....	TAP	Taveuni, Fiji .....	TVI
Taipei, China (Taiwan) .....	TATO	Tavil-Dara, Tajik S.S.R., U.S.S.R. (C) .....	TDI
Taita, China (Taiwan) .....	TTN	Taviliu, New Britain, Papua New Guinea .....	VUL
Taityu, China (Taiwan) .....	TCU	Tavurvur, New Britain, Papua New Guinea .....	TAV
Taiyuan, Shanxi, China (Mainland) .....	TIY	Tawa, China (Taiwan) .....	TAW
Taiyuan, Shanxi, China (Mainland) .....	TYN	Tawau, Sabah, Malaysia (R) .....	TSM
Taka-dake, Kyushu, Japan (R) .....	TAKK	Tayabas, Luzon, Philippines (R) .....	TAY
Takachiho West, Kyushu, Japan (R) .....	KV11	Taylor Mountain, California, U.S.A. ....	NTMM
Takada, Honshu, Japan .....	TKD	Taylor Mountain, Idaho, U.S.A. ....	TMI
Takada, Honshu, Japan .....	TKJ	Taylor Ranch, California, U.S.A. ....	TRC
Takaka, South Island, New Zealand (C) .....	TAK	Tbilisi, Georgian S.S.R., U.S.S.R. ....	TIF
Takamatsu, Shikoku, Japan .....	TKM	Tbilisi 2, Georgian S.S.R., U.S.S.R. ....	MTA
Takane, Honshu, Japan (R) .....	TKN	Technologica de Monterrey, Nueva Leon, Mexico .....	TMM
Takaa, China (Taiwan) .....	KAU	Tecpan, Guatemala .....	TEP
Takayama, Honshu, Japan (R) .....	TAKN	Tecpan 2, Guatemala .....	TP2
Takayama, Honshu, Japan .....	TKY	Tecpatan, Chiapas, Mexico .....	TCX
Takayasuyama, Honshu, Japan .....	OSK	Teekin, Tanga .....	TEK
Takazawasan, Honshu, Japan (R) .....	TKZ	Teeples Ranch, Montana, U.S.A. (C) .....	TEE
Take-yama, Honshu, Japan (R) .....	TKE	Tehachapi Microwave, California, U.S.A. (R) .....	THC
Tala Pazo, Santiago del Estero, Argentina (C) .....	TPA	Tehran, Iran .....	TEH
Talagante, Santiago, Chile .....	TACH	Tejon Ranch, California, U.S.A. (R) .....	TJR
Talang, Sumatera, Indonesia (C) .....	TLN	Teli, R.S.F.S.R., U.S.S.R. (R) .....	TEL
Talara, Peru .....	TAL	Tellico Plains, Tennessee, U.S.A. ....	TLT
Talasea, New Britain, Papua New Guinea .....	TLS	Temblor Range Southeast, California, U.S.A. ....	TMB

Temiskaming, Quebec, Canada (C)	TMK	Toledo, Spain (C)	TLO
Tempiute Mountain, Nevada, U.S.A.	TPU	Toledo, Spain	TOL
Temuco, Cautin, Chile (C)	TEM	Tolicho Peak, Nevada, U.S.A. (C)	TI-NV
Temuco, Cautin, Chile	TMU	Tolicho Peak, Nevada, U.S.A. (C)	TPK
Tenerife, Canary Islands, Spain	TEN	Tolmezzo, Friuli-Venezia Giulia, Italy	TLM
Tenhult, Sweden (R)	TNU	Tololo Astronomical Observatory, Coquimbo, Chile	TLL
Tennyson Woods Observatory		Tolsona, Alaska, U.S.A.	TOA
South Australia, Australia (R)	TWOA	Tomahawk, Wisconsin, U.S.A. (C)	TM-WS
Tenryu, Honshu, Japan (R)	TNR	Tomahawk Gully, South Island, New Zealand	TMP
Tepaztlán, Morelos, Mexico	TPM	Tomakomai, Hokkaido, Japan	TMR
Teren Tiev Lake, Alaska, U.S.A.	TTV	Tomales Bay, California, U.S.A.	NTBM
Termez, Uzbek S.S.R., U.S.S.R. (R)	TERS	Tomamai, Hokkaido, Japan (R)	TOI
Ternate, Maluku, Indonesia	TNE	Tomie, Kyushu, Japan (C)	TOM
Terranova, Guatemala	TER	Tomisaki, Honshu, Japan (C)	TMS
Terre Adelie, Greater Antarctica, Antarctica (C)	TAA	Tonantzintla, Puebla, Mexico	IT
Terre Haute, Indiana, U.S.A.	THI	Tonasket, Washington, U.S.A. (C)	TK-WA
Teshikaga, Hokkaido, Japan (R)	TES	Tongareva Island, Cook Islands (C)	TC-IS
Tesla Road, California, U.S.A.	CTLM	Tongariro, North Island, New Zealand (C)	TON
Tesuque Peak, New Mexico, U.S.A.	TSP	Tunnelnyy, R.S.F.S.R., U.S.S.R. (R)	TNL
Tete, Mozambique	TET	Tonapah, Nevada, U.S.A.	TNP
Tetilla Peak, New Mexico, U.S.A.	TTP	Tonapah, Nevada, U.S.A. (C)	TPH
Texada, British Columbia, Canada (R)	TXB	Tonopah, Nevada, U.S.A. (C)	TPV
Tezpur, Assam, India (C)	TEZ	Tonto Forest Array, Arizona, U.S.A. (C)	TFO
Thala, Tunisia (R)	THA	Tonto Hills Observatory, Arizona, U.S.A. (C)	THO
Thamnewali, Pakistan (R)	THW	Toalangi, Victoria, Australia	TOO
The Burn, Colorado, U.S.A.	PV01	Topalu, Romania	TLB
The Dalles, Oregon, U.S.A.	VTDM	Topkak, Alaska, U.S.A.	TKK
Thermopolis, Wyoming, U.S.A. (C)	TL-WY	Topolabampa, Sinaloa, Mexico (R)	TPB
Thessaloniki, Greece	THE	Topolovo, R.S.F.S.R., U.S.S.R.	TOP
Three Point Mountain, Idaho, U.S.A.	TID	Tori-shima, Bonin Islands, Japan (C)	TOR
Three Sisters, California, U.S.A. (R)	THR	Torino, Piemonte, Italy	TNO
Three Step, Colorado, U.S.A.	PV05	Toronto, Ontario, Canada (C)	TNT
Thule, Greenland (C)	TE-GL	Torsby, Sweden	TBY
Thule, Greenland (C)	THU	Tory Channel, South Island, New Zealand	TCW
Thunder Bay, Ontario, Canada	LHC	Totontepec, Oaxaca, Mexico (R)	TTO
Tianjin, Tianjin, China (Mainland)	TIE	Tottori, Honshu, Japan	TOT
Tionshui, Gansu, China (Mainland)	TNH	Tottori, Honshu, Japan (R)	TTT
Tientsin, Tianjin, China (Mainland)	TIE	Tottori Outpost, Honshu, Japan	TOTJ
Tierras Morenas, Costa Rica	AR3	Toulx Ste. Croix, Marche, France	TCF
Tiflis, Georgian S.S.R., U.S.S.R.	TIF	Toumodi, Ivory Coast	TIC
Tigre, Costa Rica (R)	TIG	Toumodi, Ivory Coast (R)	TMDI
Tiksi, R.S.F.S.R., U.S.S.R.	TIK	Tovanakuss, New Britain, Papua New Guinea	ETV
Timber Mountain, Nevada, U.S.A.	TMBR	Tower One, California, U.S.A. (R)	TOW
Timber Mountain, Nevada, U.S.A.	TMN	Townsend, Tennessee, U.S.A.	TSTN
Timisoara, Romania	TIM	Townsville, Queensland, Australia (C)	TVL
Tin City, Alaska, U.S.A. (R)	TCY	Toyama, Honshu, Japan	TOY
Tin City, Alaska, U.S.A.	TNA	Toyohashi, Honshu, Japan (U)	TYH
Tin Mountain, California, U.S.A.	TMO	Toyone, Honshu, Japan (R)	TYNN
Tinemaha, California, U.S.A.	TIN	Toyooka, Honshu, Japan	TYK
Tinkers Knob, California, U.S.A.	TNK	Trabzon, Turkey	TBZ
Tiouine, Marocco	TIO	Tracy, Minnesota, U.S.A. (C)	TY-MN
Tippipah, Nevada, U.S.A. (C)	TP-NV	Trail, Hawaii, U.S.A.	TRH
Tiptonville, Tennessee, U.S.A. (C)	DY3	Trail Creek, Wyoming, U.S.A.	YTC
Tiputa, Tuamotu Archipelago, French Polynesia	TPT	Tranquitos, Salta, Argentina (R)	TTA
Tirana, Albania	TIR	Travnik, Yugoslavia (C)	TRA
Tishomingo, Oklahoma, U.S.A. (C)	TO-OK	Trente, Calabria, Italy (C)	TRE
Titizima, Bonin Islands, Japan (C)	TTZ	Tres Cuevas, Texas, U.S.A. (R)	TTX
Titograd, Yugoslavia	TTG	Tres Piedras, New Mexico, U.S.A. (C)	TD-NM
Tkibuli, Georgian S.S.R., U.S.S.R. (R)	TKI	Tretes, Jawa, Indonesia	TRT
Tlaxiaco, Oaxaca, Mexico (R)	TXO	Treviso, Veneto, Italy (C)	TRV
Tlemcen, Algeria	TEC	Trieste, Friuli-Venezia Giulia, Italy	TRI
Tobago, Tobago, Trinidad and Tobago (R)	TOB	Trieste, Friuli-Venezia Giulia, Italy (C)	TRS
Tobi-shima, Honshu, Japan (R)	TOBT	Trindade Island, Espirito Santo, Brazil (R)	TDB
Tobishima, Honshu, Japan (R)	TBS	Trinidad, Colorado, U.S.A. (C)	TDC
Tocklai, Assam, India	TOC	Trinidad, Colorado, U.S.A.	TJC
Toconce, Antofagasta, Chile	TCN	Trinidad, Trinidad, Trinidad and Tobago	TRN
Tocapilla, Antofagasta, Chile (C)	TCP	Trinity Mountain, Idaho, U.S.A.	TYI
Tocapilla, Antofagasta, Chile	TPL	Trivandrum, Kerala, India	TRD
Tocota, Peru (R)	PP05	Trais Rivières, Guadeloupe (R)	FBG
Todoroki, Honshu, Japan (C)	TDR	Trais Rivières, Guadeloupe (R)	TVG
Togane, Honshu, Japan (C)	TOG	Tramso, Norway	TRO
Tokai O.B.S. 1, Honshu, Japan	TK01	Tropico Hills, California, U.S.A. (R)	TPO
Tokai O.B.S. 2, Honshu, Japan	TK02	Tratters, North Dakota, U.S.A. (C)	TS-ND
Tokai O.B.S. 3, Honshu, Japan	TK03	Trough, Oregon, U.S.A.	VTHM
Tokai O.B.S. 4, Honshu, Japan	TK04	Trout Creek Butte, Oregon, U.S.A.	VTOM
Tokmak, Turkey	TTK	Trout Gulch Road, California, U.S.A.	JTGM
Tokushima, Shikaku, Japan	TKS	Trout Lake, Michigan, U.S.A. (C)	TT-MI
Tokushima 2, Shikoku, Japan	TKSJ	Troy, New York, U.S.A.	TRY
Tokuyama, Honshu, Japan (U)	TKJD	Trujillo, Peru	TRP
Tokyo, Honshu, Japan	TOK	Truk, Caroline Islands (C)	TRU



Truth or Consequences, New Mexico, U.S.A. (C) .....	TC-NM	Uglegorsk, R.S.F.S.R., U.S.S.R. ....	UGL
Tryon Peak, North Carolina, U.S.A. ....	TRYN	Ugurusu, Shikoku, Japan ....	URS
Tsaile, Arizona, U.S.A. (C) .....	TSL	Uinto Basin Arroyo, Utah, U.S.A. (C) .....	UBO
Tsebelo, Georgian S.S.R., U.S.S.R. (R) .....	TSE	Uji, Honshu, Japan (R) .....	UJI
Tsim Bei Tsui, Hong Kong (R) .....	THK	Ujungpandang, Sulawesi, Indonesia .....	MKS
Tsino, Alaska, U.S.A. ....	TSIM	Ukiah, Oregon, U.S.A. (C) .....	UK-OR
Tsingtau, Shandong, China (Mainland) .....	TSN	Ukiah, California, U.S.A. ....	UKI
Tsipikan, R.S.F.S.R., U.S.S.R. (R) .....	ZIP	Ulamona, New Britain, Papua New Guinea (C) .....	ULA
Tsu, Honshu, Japan .....	TSU	Ulamona, New Britain, Papua New Guinea (R) .....	ULO
Tsukechi, Honshu, Japan (R) .....	TKC	Ulan Bator, Mongolia (C) .....	OBM
Tsukuba, Honshu, Japan ....	TSK	Ulcinj, Yugoslavia .....	ULC
Tsuna, Honshu, Japan (R) .....	TNAK	Umoji, Shikoku, Japan (R) .....	UMJ
Tsuruga, Honshu, Japan .....	TSR	Umok, Alaska, U.S.A. ....	AD2
Tsuruga Outpost, Honshu, Japan .....	TSRJ	Umeratona, South Australia, Australia .....	UMB
Tsurugisan, Shikoku, Japan .....	TSS	Umea, Sweden .....	UME
Tuai, North Island, New Zealand .....	TUA	Umejima, Honshu, Japan (R) .....	UMJE
Tual, Maluku, Indonesia .....	TLE	Umtali, Zimbabwe (R) .....	MUZ
Tubuai, Tubuai Islands, French Polynesia .....	TBI	Unalakleet, Alaska, U.S.A. ....	UNL
Tuckaleechee Caverns, Tennessee, U.S.A. ....	TKL	Unalaska, Alaska, U.S.A. (C) .....	UNA
Tucson, Arizona, U.S.A. ....	TUC	Undu Point, Fiji .....	UDU
Tucson Observatory, Arizona, U.S.A. ....	TUO	Unionville, Nevada, U.S.A. (C) .....	UVN
Tucson--Desert Museum, Arizona, U.S.A. ....	TDM	Univ. of California, Santa Cruz, California, U.S.A. ..	JUCM
Tucson--Telemeter, Arizona, U.S.A. (C) .....	TUT	Universidad Nacional de Mexico .....	
Tucuman, Tucuman, Argentina (C) .....	TCM	Distrito Federal, Mexico .....	UNM
Tucurui, Para, Brazil (R) .....	TCB	Universidad de Panama, Panama .....	UPA
Tuebingen .....		Universidad de los Andes, Venezuela .....	UAV
Baden-Wuerttemberg, Fed. Rep. of Germany (C) .....	TUB	University of Arizona, Arizona, U.S.A. (C) .....	UOA
Tuguegarao, Luzon, Philippines (C) .....	TLP	University of Connecticut, Connecticut, U.S.A. ....	UCT
Tuktoyaktuk, Northwest Territories, Canada (R) .....	TKT	University of Florida, Florida, U.S.A. ....	GAI
Tuktoyaktuk, Northwest Territories, Canada (C) .....	TUK	University of Jordan, Amman, Jordan .....	UNJ
Tulancingo, Hidalgo, Mexico .....	TLX	University of New Brunswick, New Brunswick, Canada ..	UNB
Tulbagh, Cape Province, South Africa .....	TUH	University of Southern California .....	
Tulsa, Oklahoma, U.S.A. (C) .....	TSO	California, U.S.A. (C) .....	USC
Tulsa, Oklahoma, U.S.A. ....	TUL	University of Tennessee at Martin, Tennessee, U.S.A ..	UTM
Tumbaco, Ecuador .....	TUT	University of Toledo, Ohio, U.S.A. ....	UTO
Tumwater, Washington, U.S.A. ....	TUM	University of Wisconsin at Milwaukee .....	
Tunal, Salta, Argentina (R) .....	USA	Wisconsin, U.S.A. ....	UWM
Tunceli, Turkey (R) .....	TNC	Unuar, Ukrainian S.S.R., U.S.S.R. ....	UZH
Tung-shih, China (Taiwan) .....	TWO	Unzendake, Kyushu, Japan .....	UNZ
Tung-yuan-fang, Shaanxi, China (Mainland) .....	TYF	Uoyon, R.S.F.S.R., U.S.S.R. (R) .....	YOA
Tungurcha, R.S.F.S.R., U.S.S.R. (R) .....	TUG	Uppsala, Sweden .....	UPP
Tunis, Tunisia (C) .....	TUN	Ura, Kyushu, Japan (R) .....	KV91
Tunkhannock, Pennsylvania, U.S.A. (C) .....	TU-PA	Ura-Tyube, Tajik S.S.R., U.S.S.R. ....	URT
Tuntungan, Sumatra, Indonesia .....	TSI	Urahoro, Hokkaido, Japan (R) .....	URH
Tupik, R.S.F.S.R., U.S.S.R. ....	TUP	Urakawa, Hokkaido, Japan .....	URA
Tupiza, Bolivia .....	TPZ	Uribante, Venezuela (R) .....	URV
Tura, Meghalaya, India .....	TURI	Urumqi, Xinjiang, China (Mainland) .....	WMO
Turbat, Tajik S.S.R., U.S.S.R. (C) .....	TUR	Ushuaia, Tierra del Fuego, Argentina (R) .....	UHA
Turgen, Kazakh S.S.R., U.S.S.R. (R) .....	TGN	Ust-Elegest, R.S.F.S.R., U.S.S.R. ....	UER
Turkey Creek, South Carolina, U.S.A. ....	TRK	Ust-Kan, R.S.F.S.R., U.S.S.R. ....	UKR
Turnbull Canyon, California, U.S.A. (C) .....	TCC	Ust-Nera, R.S.F.S.R., U.S.S.R. (R) .....	UNR
Turner, Maine, U.S.A. ....	TRM	Ust-Nyukzho, R.S.F.S.R., U.S.S.R. (R) .....	USZ
Turrialba, Costa Rica (R) .....	TUI	Ust-Omchug, R.S.F.S.R., U.S.S.R. (R) .....	USO
Turtle Mountains, California, U.S.A. ....	TTM	Ustica, Lipari Islands, Italy .....	USI
Tuscan Springs, California, U.S.A. ....	LTCM	Usu Kazan Kan, Hokkaido, Japan (R) .....	UVO
Tuscarora, New York, U.S.A. (C) .....	TUS	Utowna Lake, New York, U.S.A. (C) .....	UWL
Tuttle Creek Reservoir, Kansas, U.S.A. ....	TCK	Utsunomiya, Honshu, Japan .....	UTS
Tuyen-Quang, Vietnam .....	TQV	Utsunomiya, Honshu, Japan (R) .....	UTU
Twenty-nine Palms, California, U.S.A. (C) .....	TN-CL	Uvira, Zaire (C) .....	UVI
Twenty-nine Palms, California, U.S.A. ....	TPC	Uwajima, Shikoku, Japan .....	UWA
Twin Lakes, California, U.S.A. ....	TWL	Uwekahuna, Hawaii, U.S.A. ....	UWE
Twin Peaks, California, U.S.A. (C) .....	TWN	Uzhgorod, Ukrainian S.S.R., U.S.S.R. ....	UZH
Twin Springs, Nevada, U.S.A. (C) .....	TSV	Uzuto, Honshu, Japan (U) .....	UZT
Twisslemann Ranch, California, U.S.A. ....	PTRM	Vaermlands Nysoeter, Sweden (R) .....	VNY
Two Mile Stream, Maine, U.S.A. ....	D6A	Vaihoa, Tuamotu Archipelago, French Polynesia .....	VAH
Tymavskoe, R.S.F.S.R., U.S.S.R. ....	TYV	Vajont, Veneto, Italy .....	VAJ
Tyason, South Korea (C) .....	INC	Val d'Or, Quebec, Canada .....	VDO
Tyrgono, R.S.F.S.R., U.S.S.R. ....	TRG	Val di Lei, Switzerland .....	VDL
Tysan Valley, Missouri, U.S.A. ....	TYS	Valandovo, Yugoslavia .....	VAY
Uakit, R.S.F.S.R., U.S.S.R. (R) .....	UKT	Valdez, Alaska, U.S.A. (C) .....	VLD
Ubehebe Crater, California, U.S.A. (R) .....	UCN	Valdez, Alaska, U.S.A. ....	VLZ
Uccle, Belgium .....	UCC	Valdez South, Alaska, U.S.A. (C) .....	VZS
Uddeholm, Sweden .....	UDD	Valdez West, Alaska, U.S.A. ....	VZW
Udine, Friuli-Venezia Giulia, Italy (C) .....	UDN	Valdivia, Valdivia, Chile .....	VLV
Udine O.G.S., Friuli-Venezia Giulia, Italy .....	UDI	Valea Ierii, Romania .....	VLR
Ugak Island, Alaska, U.S.A. ....	UGI	Valentia, Eire .....	VAL
Ugakei, Honshu, Japan (R) .....	UGK	Valicilos, California, U.S.A. ....	CVLM
Ugashik Lake, Alaska, U.S.A. (C) .....	UKL	Valinhos, Sao Paulo, Brazil .....	VAO
Ugashik Lake, Alaska, U.S.A. ....	USL	Valle Fertil, San Juan, Argentina (R) .....	RTVF
Uglegorsk, R.S.F.S.R., U.S.S.R. (C) .....	ESU	Valley Road Site, California, U.S.A. ....	AVRM

Valparaiso, Valparaiso, Chile	UTF	Volcan Poas, Costa Rica (C)	VPS
Valparaiso, Valparaiso, Chile	VLP	Volcan Poas 2, Costa Rica	VPS2
Valsamata, Greece	VLS	Volcan Rincon de la Vieja, Costa Rica	RIN
Valverde, Canary Islands, Spain	VVD	Volcano Peak East, California, U.S.A.	VPEM
Valverde del Camino, Spain	VAL	Vordergeberg, Bayern, Fed. Rep. of Germany	GRB5
Vamos, Crete, Greece	VAM	Vouglons, Franche Comte, France	VOU
Van, Turkey (R)	VNT	Vrincioaia, Romania	VR1
Van Goodin Ranch, California, U.S.A.	OGOM	Vulcan, New Britain, Papua New Guinea	VUL
Van Inlet, British Columbia, Canada (R)	VIB	Vulcano Piano, Lipari Islands, Italy	VPL
Vanda, Greater Antarctica, Antarctica (C)	VND	Vunikawai, Fiji	VUN
Vanda, Greater Antarctica, Antarctica (R)	VNDA	Vunindawa, Fiji	VDW
Vannovskaya, Turkmen S.S.R., U.S.S.R.	VAN	Vyborg, R.S.F.S.R., U.S.S.R. (C)	VYB
Vantage, Washington, U.S.A.	VTG	Wabag, New Guinea, Papua New Guinea	WAB
Vanua-Lava, Vanuatu Islands	VLN	Wadesville, Indiana, U.S.A.	WDIN
Varanasi, Uttar Pradesh, India	VAR	Wadsworth, Nevada, U.S.A. (R)	WAD
Vardenis, Armenian S.S.R., U.S.S.R. (R)	VRD	Wagin, Western Australia, Australia	WA2
Varese, Lombardia, Italy	VAL	Wah Wah Mountains, Utah, U.S.A. (C)	WW-UT
Varnville, South Carolina, U.S.A.	VRN	Wahoula, Hawaii, U.S.A.	WHA
Varnville, South Carolina, U.S.A. (C)	VSC	Wahlake, Washington, U.S.A.	WAH
Vassijaure, Sweden (C)	VAS	Wahoo, Nebraska, U.S.A.	WHNE
Vatavaky, Madagascar	VTY	Waikii, Hawaii, U.S.A.	WKH
Veberaod, Sweden (R)	VEB	Waimangu, North Island, New Zealand (U)	WGZ
Vedder Mountain, British Columbia, Canada	VDB	Waingapu, Nusa Tenggara, Indonesia	WS1
Velasquez, Guatemala	VLG	Wainui Dam, North Island, New Zealand (R)	WDW
Venator, Oregon, U.S.A. (C)	VT-OR	Waipapa Point, South Island, New Zealand (C)	WPZ
Venice, Veneto, Italy (C)	VEN	Wairakei, North Island, New Zealand (C)	WNZ
Veracruz, Veracruz, Mexico	VCN	Wairiri, South Island, New Zealand (C)	WAI
Veracruz, Nicaragua (C)	VER	Wajiki, Shikoku, Japan (R)	WKJ
Veracruz, Baja California, Mexico	VEX	Wajima, Honshu, Japan	WAJ
Verdi Peak, California, U.S.A.	VPK	Wakamiya, Shikoku, Japan	WMY
Verkh-Bazo, U.S.S.R. (R)	VEH	Wakaura, Honshu, Japan (C)	WKU
Vern, Nevada, U.S.A. (C)	NYV	Wakayama, Honshu, Japan (R)	WKME
Vernal, Utah, U.S.A. (C)	VN-UT	Wakayama, Honshu, Japan	WKY
Vezirkopru, Turkey (R)	VEZ	Wakayama 2, Honshu, Japan	WKYJ
Viburnum, Missouri, U.S.A. (R)	VBM	Wakayama ERI, Honshu, Japan (C)	WKU
Victoria, British Columbia, Canada (C)	VIC	Wake, Wake Island (C)	WKE
Vienna--Hohe Warte, Austria	VIE	Wakkanai, Hokkaido, Japan	WAK
Vienna--Kabenzi, Austria	VKA	Waldron Ledge, Hawaii, U.S.A.	WLG
Vieques, Puerto Rico (C)	VOS	Walferdange, Luxembourg	WLF
Vigie Point, Saint Lucia (C)	SLI	Walker Mountain, Oregon, U.S.A.	VWMM
Vik, Iceland (C)	VIK	Walker Mountain, Virginia, U.S.A.	WMV
Vila Franca, Azores, Portugal	VIF	Walker Pass, California, U.S.A.	WVPM
Villa El Salvador, Peru (R)	PP09	Walker Ridge, California, U.S.A.	GWKM
Villa Guajales, Tlaxcala, Mexico (C)	VGM	Walker Ridge, California, U.S.A. (C)	WKC
Villa Mercy, Maryland, U.S.A. (C)	VIL	Walker Ridge, California, U.S.A.	WKC2
Villa Park Dam, California, U.S.A.	VPD	Wallace, Idaho, U.S.A.	WAL
Villa Urquiza, Entre Rios, Argentina (R)	RTUE	Wallace Dam, Georgia, U.S.A.	WDG
Ville Marie, Quebec, Canada (C)	VMC	Wallibau	
Villiers-Adam, Ile de France, France	VDM	Saint Vincent, St. Vincent and the Grenadines	SVV
Vimmerby, Sweden (R)	VIM	Wallis Gap, Washington, U.S.A.	WGW
Vinchina, La Pampa, Argentina	VCA	Walnut Ridge, Arkansas, U.S.A. (C)	WR-AR
Vineyard, California, U.S.A.	BVYM	Waltair, Andhra Pradesh, India	VIS
Vineyard, California, U.S.A. (C)	VIN	Wamboak, New South Wales, Australia	WAM
Vineyard--Telemeter, California, U.S.A. (C)	VIT	Wankie, Zimbabwe (R)	HWZ
Vinton, Iowa, U.S.A. (C)	VO-IO	Wanliss Street, New Britain, Papua New Guinea	WAN
Virgin Gorda Peak, Virgin Islands (R)	GPV	Wann, Nebraska, U.S.A.	WNN
Virginia, Orange Free State, South Africa	VIR	Wanoga Butte, Oregon, U.S.A.	VWBM
Virginia Beach, Virginia, U.S.A. (R)	VBV	Warangal, Andhra Pradesh, India	WGL
Virginia Peak, Nevada, U.S.A.	VIP	Worburton, Western Australia, Australia	WBN
Visale, Salom Islands	VSG	Ward Pound Ridge, New York, U.S.A. (C)	WPR
Vishakhapatnam, Andhra Pradesh, India	VIS	Warden, Washington, U.S.A.	WRD
Vista, California, U.S.A.	VSTC	Waris, New Guinea, Papua New Guinea	WAA
Vista Grande, California, U.S.A.	VG2	Warland Creek, Montana, U.S.A. (C)	WCM
Vista Hermosa, Oaxaca, Mexico (C)	VHM	Warm Springs, Nevada, U.S.A. (C)	WSN
Vista Hermosa, Oaxaca, Mexico	VHO	Warm Springs, California, U.S.A. (R)	WSP
Vista de Mar, Costa Rica	VCR	Warm Springs, Nevada, U.S.A. (C)	WZ-NV
Viti Levu, Fiji (R)	NMF	Warm Springs Repeater, Nevada, U.S.A. (C)	WSR
Vitasho, Bulgaria	VTs	Wormifontaine, Belgium	WRM
Vittel, Lorraine, France	VITF	Worramunga Array, Northern Territory, Australia (R)	WB0
Vivian, Oklahoma, U.S.A.	VVO	Worramunga Array, Northern Territory, Australia	WB2
Vizianogam, Andhra Pradesh, India (C)	VIZ	Worramunga Array, Northern Territory, Australia	WB3
Vladivostok, R.S.F.S.R., U.S.S.R.	VLA	Worramunga Array, Northern Territory, Australia	WB4
Vlora, Albania	VLO	Worramunga Array, Northern Territory, Australia (R)	WB5
Voghera, Lombardia, Italy	VG1	Worramunga Array, Northern Territory, Australia (R)	WB6
Vojsko, Yugoslavia	VOY	Worramunga Array, Northern Territory, Australia	WB7
Volcan Arenal, Costa Rica	AR1	Worramunga Array, Northern Territory, Australia (R)	WB8
Volcan Irazu, Costa Rica	ICR	Worramunga Array, Northern Territory, Australia (R)	WB9
Volcan Irazu, Costa Rica (C)	IRZ	Worramunga Array, Northern Territory, Australia	WCB
Volcan Irazu, Costa Rica	IRZ2	Worramunga Array, Northern Territory, Australia (R)	WR0
Volcan Norte, Costa Rica	AR9	Worramunga Array, Northern Territory, Australia	WR2

Warramunga Array, Northern Territory, Australia	WR3	Whiteface, New Hampshire, U.S.A.	WNH
Warramunga Array, Northern Territory, Australia	WR4	Whitehorse, Yukon Territory, Canada (C)	WH-YK
Warramunga Array, Northern Territory, Australia	WR5	Whitehorse, Yukon Territory, Canada (C)	WH2YK
Warramunga Array, Northern Territory, Australia (R)	WR6	Whitehorse, Yukon Territory, Canada	WHC
Warramunga Array, Northern Territory, Australia (R)	WR7	Whites Canyon, Nevada, U.S.A. (R)	WTCR
Warramunga Array, Northern Territory, Australia (R)	WR8	Whitewater, California, U.S.A.	WWR
Warramunga Array, Northern Territory, Australia (R)	WR9	Whiting Field--Milton, Florida, U.S.A. (C)	WFF
Warramunga Array, Northern Territory, Australia	WRA	Whitney, Hawaii, U.S.A. (C)	WHI
Warramunga Array, Northern Territory, Australia	WRB	Wichita Mountains Array, Oklahoma, U.S.A. (C)	WMO
Warsak, Pakistan	WRS	Wien--Hohe Warte, Austria	VIE
Warsaw, Poland	WAR	Wien--Kobenzl, Austria	VKA
Warszawa, Poland	WAR	Wiest Lake, California, U.S.A.	WLK
Wartburg, Tennessee, U.S.A. (C)	WT-TN	Wild Horse, Utah, U.S.A. (C)	WHU
Washington, District of Columbia, U.S.A. (C)	WAS	Wild Horse Canyon, Utah, U.S.A.	WLD
Washington Hill, Nevada, U.S.A. (R)	WSH	Wild Horse Parks, Montana, U.S.A. (C)	WHM
Washington Science Center, Maryland, U.S.A. (C)	WSC	Wild Steer, Colorado, U.S.A.	PV03
Washoe City, Nevada, U.S.A.	WCN	Wildenfels, Bayern, Fed. Rep. of Germany	GRA2
Waterton, Colorado, U.S.A. (C)	WTC	Wildhorse, Nevada, U.S.A. (U)	WLDR
Waterville, New York, U.S.A.	WTVE	Wilkes, Greater Antarctica, Antarctica (C)	WIL
Waterville--Colby College, Maine, U.S.A.	WTR	Wilkes Camp, Hawaii, U.S.A.	WIH
Waterways, Alberta, Canada (C)	WS-AT	Willalaaka, South Australia, Australia	WKA
Watheroo, Western Australia, Australia (C)	WAT	Williams, Arizona, U.S.A. (C)	WM-AZ
Watam Island, New Britain, Papua New Guinea	EWT	Williams Lake, British Columbia, Canada (C)	WK-BC
Watseka, Illinois, U.S.A. (C)	WQ-IL	Williams Ranch, California, U.S.A. (C)	WRC
Watson, Oklahoma, U.S.A. (C)	WA-OK	Williamsburg, Ontario, Canada	WBO
Watson Lake, Yukon Territory, Canada (C)	WL-YK	Williamstown, Massachusetts, U.S.A. (C)	WLL
Watts Point, British Columbia, Canada	WPB	Willow Creek, Utah, U.S.A.	WCU
Waxell Ridge, Alaska, U.S.A.	WAX	Willow Creek, Idaho, U.S.A.	WICI
Waynesburg, Pennsylvania, U.S.A. (C)	WAY	Willow Mountain, Alaska, U.S.A. (C)	WLM
Wazima, Hanshu, Japan	WAJ	Wills Point, Texas, U.S.A. (C)	WP-TX
Weather Observatory, Hawaii, U.S.A.	WOB	Wilmington, North Carolina, U.S.A.	WNC
Wegel, New York, U.S.A. (R)	WGLY	Wilmington, New York, U.S.A.	WNY
Welcome, Ontario, Canada	WEO	Wilson, Oklahoma, U.S.A.	WLO
Welkom, Orange Free State, South Africa	WKM	Wilson Butte, Washington, U.S.A.	WBW
Wellesley Island, New York, U.S.A. (C)	WLI	Wilson Creek, Kentucky, U.S.A.	WCK
Wellington, North Island, New Zealand	WEL	Wilson Peak, Idaho, U.S.A.	WPI
Wells Gray, British Columbia, Canada	WGB	Windham, New York, U.S.A.	WND
Wellsville, Utah, U.S.A.	WVUT	Windhoek, Namibia	WIN
Welschbruch, Alsace, France	WLS	Windom, Minnesota, U.S.A. (C)	WD-MN
Wenatchee, Washington, U.S.A.	WNW	Windsor, Ontario, Canada (C)	WNR
Werombi, New South Wales, Australia	WER	Winnemucca, Nevada, U.S.A. (C)	WI-NV
West Ashley, South Carolina, U.S.A.	WSS	Winnemucca, Nevada, U.S.A. (C)	WMN
West Bromwich, England, United Kingdom (C)	WBE	Winner, South Dakota, U.S.A. (C)	WN-SD
West Kanaga, Alaska, U.S.A.	AK1	Winslow, Arizona, U.S.A. (C)	WO-AZ
West Kanaga, Alaska, U.S.A. (C)	AT1	Winterswijk, Netherlands	WTS
West Mesa, New Mexico, U.S.A.	WMA	Wister, California, U.S.A. (R)	WIS
West Middle School, South Carolina, U.S.A.	WMS	Witteveen, Netherlands	WIT
West Monroe, New York, U.S.A.	WMNY	Wittsburg Lake, Arkansas, U.S.A.	WLA
West Mountain, Utah, U.S.A. (C)	WMU	Witu Islands, New Britain, Papua New Guinea	WITU
West Mountain, Utah, U.S.A.	WMUT	Wolfeboro, New Hampshire, U.S.A.	WBNH
West Park, New York, U.S.A.	WPNY	Wolverton, England, United Kingdom	WOL
West Pit, Hawaii, U.S.A. (C)	WPH	Wonder Ranch, California, U.S.A.	GWRM
West Salem, Illinois, U.S.A.	WSIL	Wongan Hills, Western Australia, Australia (C)	WA1
West Thumb, Wyoming, U.S.A.	WTW	Wood River Hill, Alaska, U.S.A.	WRH
West Valley, New York, U.S.A.	WVLY	Wood Valley, Hawaii, U.S.A.	WOH
West Yellowstone, Montana, U.S.A. (R)	YPWB	Wooded Island, Washington, U.S.A.	WIW
West Yellowstone, Montana, U.S.A.	YWY	Woodlark Island	
Westboro, Massachusetts, U.S.A.	WGMA	D'Entrecasteaux Islands, Papua New Guinea	WDIS
Westford, Massachusetts, U.S.A.	WFM	Woodside, California, U.S.A.	WDS
Westland Maintenance Station, California, U.S.A. (R)	PWMM	Woodstock, Maryland, U.S.A. (C)	WOO
Westmoreland, New York, U.S.A.	WEST	Woody, California, U.S.A. (C)	WDY
Westmorland, California, U.S.A. (R)	WML	Woody Point, Queensland, Australia (C)	WPA
Weston, Massachusetts, U.S.A.	WES	Woomera, South Australia, Australia (R)	WSA
Wettzell, Bayern, Fed. Rep. of Germany	WET	Worcester, Massachusetts, U.S.A. (C)	WOR
Wewak, New Guinea, Papua New Guinea (C)	WEK	Work Ranch, California, U.S.A.	WKR
Wewak, New Guinea, Papua New Guinea	WEW	Worthington Mountains, Nevada, U.S.A.	WRN
Wewak, New Guinea, Papua New Guinea (C)	WWW	Wright Ranch, California, U.S.A.	NWRM
Whakatane, North Island, New Zealand	WTZ	Wrights Hill, North Island, New Zealand	WHW
Whangarei, North Island, New Zealand (C)	ONE	Wroclaw, Poland (C)	BRE
Whinburgh, England, United Kingdom	AWH	Wuhan, Hubei, China (Mainland)	WHN
Whipple Mountains No. 2, California, U.S.A.	WH2	Wuhan, Hubei, China (Mainland)	WUH
Whiskey Butte, Idaho, U.S.A. (C)	WBI	Wulumuchi, Xinjiang, China (Mainland)	WMQ
Whiskeytown Dam, California, U.S.A.	WDC	Wuwei, Gansu, China (Mainland) (C)	LCC
Whistler, British Columbia, Canada	WHB	Wuwei, Gansu, China (Mainland)	WUW
White Bluff, Washington, U.S.A.	WBL	Wyandotte, California, U.S.A.	OWYM
White Island, North Island, New Zealand	WIZ	Wyangala, New South Wales, Australia (C)	WYA
White Oak Mountain, Tennessee, U.S.A.	WMTN	Wykoff, Minnesota, U.S.A. (C)	WF-MN
White Pine, Michigan, U.S.A.	WPM	Wynne, Arkansas, U.S.A. (C)	WY-AR
White River Glacier, Alaska, U.S.A.	WRG	Wynntersberg, France (R)	WBF
White Rock, British Columbia, Canada (R)	WKB	Wyoming Array, Wyoming, U.S.A.	WYO

Xian, Shaanxi, China (Mainland) (C)	SIA	Yumen, Gansu, China (Mainland)	YUM
Xian, Shaanxi, China (Mainland)	XAN	Yumesaki, Hanshu, Japan (U)	YST
Xining, Qinghai, China (Mainland)	SNN	Yunotani, Hanshu, Japan (U)	YNT
YMCA Camp, Montana, U.S.A.	YCM	Yuojima, Bonin Islands, Japan (C)	YUO
Yaak, Montana, U.S.A.	YKM	Yupillepeque, Guatemala	YUP
Yagi, Hanshu, Japan (C)	YAG	Yuzawa, Hanshu, Japan (R)	YZU
Yagi, Hanshu, Japan (R)	YGI	Yuzhno-Kurilsk, R.S.F.S.R., U.S.S.R.	YUK
Yahiko, Hanshu, Japan (R)	YHKE	Yuzhno-Sakhalinsk, R.S.F.S.R., U.S.S.R.	YSS
Yahitse, Alaska, U.S.A.	YAH	Zabrze, Poland	ZAB
Yakak, Alaska, U.S.A.	AD5	Zaghawan, Tunisia	ZGN
Yakotaga, Alaska, U.S.A.	YKGM	Zagreb, Yugoslavia	ZAG
Yakedake, Hanshu, Japan (R)	YKE	Zakamensk, R.S.F.S.R., U.S.S.R.	ZAK
Yakima, Washington, U.S.A. (C)	YA-WA	Zakataly, Azerbaijan S.S.R., U.S.S.R. (R)	ZKT
Yaku-shima, Ryukyu Islands, Japan (C)	YKS	Zamaca, Peru	PT04
Yakutat, Alaska, U.S.A. (C)	YKT	Zambaanga, Mindanao, Philippines (R)	ZBP
Yakutat, Alaska, U.S.A.	YKU	Zambaanga, Mindanao, Philippines (R)	ZMP
Yakutsk, R.S.F.S.R., U.S.S.R.	YAK	Zanoah, Israel (U)	ZNH
Yaldymych, Tajik S.S.R., U.S.S.R. (C)	YAT	Zante, Greece	ZAN
Yale, Connecticut, U.S.A. (C)	NHC	Zavalla, Texas, U.S.A. (C)	ZAV
Yallahs, Jamaica (R)	YHU	Zefat, Israel (C)	SAF
Yalava, Turkey	YLV	Zeya, R.S.F.S.R., U.S.S.R. (R)	ZEZ
Yalta, Ukrainian S.S.R., U.S.S.R.	YAL	Zi-ka-wei, Shanghai, China (Mainland)	ZKW
Yamagata, Hanshu, Japan	YAM	Zihuatanejo, Guerrero, Mexico	ZIH
Yamagata Outpost, Hanshu, Japan	YAMJ	Zimchurud, Tajik S.S.R., U.S.S.R. (C)	ZIM
Yamasaki, Hanshu, Japan (R)	K02	Zinsen, South Korea (C)	INC
Yamasaki, Hanshu, Japan (U)	YZT	Zishin, Guatemala	ZIS
Yambol, Bulgaria	JMB	Zonda, San Juan, Argentina	ZON
Yamiza, Hanshu, Japan (R)	YMZ	Zonga, Bolivia (C)	ZLP
Yamiza, Hanshu, Japan (R)	YMUZ	Zonga, Bolivia	ZOBO
Yangoru, New Guinea, Papua New Guinea	YAN	Zanguldak, Turkey	ZGT
Yaogyimsen, Nagaland, India	YYI	Zase, Shanghai, China (Mainland) (C)	ZSC
Yaounde, Cameroon	YND	Zu Zu, Tennessee, U.S.A. (C)	ZZT
Yaqui Meadows, California, U.S.A. (R)	YAO	Zugdidi, Georgian S.S.R., U.S.S.R.	ZUG
Yasawa, Fiji	YSA	Zur Nothan, Israel	ZNT
Yasnny, R.S.F.S.R., U.S.S.R. (R)	YASS	Zurich, Switzerland (C)	ZUR
Yavi, Jujuy, Argentina	YJA	Zurich-Logeren, Switzerland	ZUL
Yayoi, Hanshu, Japan (U)	YAY		
Yeguas Mountain, California, U.S.A.	YEG		
Yellow Creek Bluff, Alaska, U.S.A.	YCB		
Yellowknife, Northwest Territories, Canada	RSNT		
Yellowknife, Northwest Territories, Canada	YKC		
Yellowknife Array, Northwest Territories, Canada	YKA		
Yeltsavka, R.S.F.S.R., U.S.S.R.	ELT		
Yerevan, Armenian S.S.R., U.S.S.R.	ERE		
Yerkesik, Turkey	YER		
Yinchuan, Ningxia, China (Mainland)	YNC		
Yingkou, Liaoning, China (Mainland)	YIN		
Ylan, China (Taiwan)	ILA		
Yakaichiba, Hanshu, Japan (R)	YKI		
Yakohama, Hanshu, Japan	YOK		
Yakaaka, Hanshu, Japan (R)	YOKT		
Yakasuka, Hanshu, Japan (C)	YSK		
Yanaga, Hanshu, Japan	YON		
Yanaga 2, Hanshu, Japan	YONJ		
Yonaguni-jima, Ryukyu Islands, Japan	YOJ		
York University, Ontario, Canada (R)	DVO		
Yoshimatsu, Kyushu, Japan (R)	YOSD		
Yoshimatsu, Kyushu, Japan (U)	YSM		
Yoshiwara, Hanshu, Japan (C)	YOS		
Young, New South Wales, Australia	YOU		
Youssef Ben Tachfine, Morocco	YBT		
Yreka, California, U.S.A. (C)	YR-CL		
Yu-li, China (Taiwan) (C)	TWF		
Yu-li, China (Taiwan)	TWF1		
Yu-shan, China (Taiwan)	YUS		
Yuasa, Hanshu, Japan (R)	YAS		
Yucca Flat NTS, Nevada, U.S.A. (C)	YF-NV		
Yucca Flat NTS, Nevada, U.S.A. (C)	YF2NV		
Yucca Flat NTS, Nevada, U.S.A. (C)	YF3NV		
Yucca Flat NTS, Nevada, U.S.A. (C)	YF4NV		
Yucca Mountain, Nevada, U.S.A. (C)	YM-NV		
Yucca Mountain, Nevada, U.S.A.	YMT1		
Yucca Mountain, Nevada, U.S.A.	YMT2		
Yucca Mountain, Nevada, U.S.A.	YMT3		
Yucca Mountain, Nevada, U.S.A.	YMT4		
Yucca Mountain, Nevada, U.S.A.	YMT5		
Yucca Mountain, Nevada, U.S.A.	YMT6		
Yuen Ng Fan, Hong Kong (R)	YHK		
Yuba Desert, California, U.S.A. (R)	YUH		
Yuma Desert, Arizona, U.S.A. (R)	YMD		

REGIONS

TABLE 3

AFRICA

ALGERIA		IVORY COAST	
ABA	Alger-Bouzareah (ALG)	R DIC	(LIC)
ALG	Algiers (ALG)	KIC	Kosan Boka (LIC)
BAB	Beni-Abbes	LIC	Lamto (LIC)
C IAA	In Amquel (Issek Taufreg)	TIC	Toumodi (LIC)
MFR	Mefraouche (ALG)	R TMDI	Toumodi
OFD	Oued Fodda (ALG)		
C REL	Relizane		
RLA	Relizane (ALG)		
SET	Setif (ALG)		
TAM	Tamanrasset (ALG)		
TEC	Tlemcen (ALG)		
ANGOLA		KENYA	
DUN	Dundo	NAI	Nairobi
C LUA	Luanda	R NAIK	Nairobi
C SDB	Sa da Bandeira	R NAKO	Nairobi
BOTSWANA		MADAGASCAR	
R LOB	Lobatse	AVY	Angavokely (TAN)
R MAB	Maun	FRR	Firariana (TAN)
		OPO	Ambohidratampo (TAN)
		TAN	Antananarivo (Tananarive) (TAN)
		VTY	Vatovaky (TAN)
CAMEROON		MALAWI	
R NGC	N'Gaoundere (QMB)	CLK	Chileka
YND	Yaounde (QMB)	MZM	Mzuzu
CENTRAL AFRICAN REPUBLIC		MOROCCO	
BCAO	Bangui	R AIT	Ait Ouarda (SPGM)
BNG	Bangui	AVE	Averroes (SPGM)
		BBT	Barrage Ibn Battouta (SPGM)
		BMB	Barrage Mohamed Ben Abdellah (SPGM)
		BME	Barrage Monsour Eddahbi (SPGM)
		BMK	Barrage el Makhazine (SPGM)
		HAD	Hassan Addakhil Dam (SPGM)
		IDR	Barrage Idriss Premier (SPGM)
		IFR	Ifrane (SPGM)
		C KES	Ksar Es Souk (SPGM)
		NKM	Nakhla (SPGM)
		RBA	Rabat (SPGM)
		C RBZ	Rabat Zaers (SPGM)
		TAF	Taforalt (SPGM)
		TIO	Tiouine (SPGM)
		YBT	Youssef Ben Tochfine (SPGM)
CHAD		MOZAMBIQUE	
C ABC	Abeche (PAL)	R CGB	Chigubo
		CNG	Changalane (CNG)
		LMM	Maputo (Lourenco Marques)
		NPA	Nampula (CNG)
		TET	Tete (CNG)
DJIBOUTI		NAMIBIA	
ARO	Arta Observatory (ARO)	WIN	Windhoek (PRE)
C ART	Arta (ARO)		
ATA	Atar (ARO)		
DAF	Dafare (ARO)		
DAY	Day (ARO)		
GBR	Grand-Bara (ARO)		
HLD	Halaksitan (ARO)		
KSU	Kousour (ARO)		
MKL	Maskali (ARO)		
OBO	Obock (ARO)		
SGH	Sud-Ghaubbet (ARO)		
TDD	Tadjoura (ARO)		
C TDJ	Tadjoura (ARO)		
EGYPT		RWANDA	
R ASL	Abu Simbel (HLW)	C AST	Astrida
ASW	Aswan (HLW)	C BTR	Butare (Astrida)
HLW	Helwan (HLW)		
C MMT	Marsa Matruh (HLW)		
EQUATORIAL GUINEA		SENEGAL	
Fernando Poo		BKL	Bakel (MBO)
MFP	Moca (Fernando Poo)	C DAK	Dakar
		C KDG	Kedougou (MBO)
		KDS	Kedougou (MBO)
		C KED	Kedougou (MBO)
		MBO	Mbour (MBO)
		C MMS	Matam (MBO)
ETHIOPIA		SOMALIA	
AAE	Addis Ababa	C MOG	Mogadiscio
GHANA			
KUK	Kukurantumi		
R LGG	Legan		
R SPG	Saltpond		

## AFRICA

## SOUTH AFRICA

## Cape Province

BLE Bellville (PRE)  
 CER Ceres (PRE)  
 C CGH Cape Good Hope (PRE)  
 C CTO Cape Town (PRE)  
 C GRH Grahamstown (PRE)  
 GRM Grahamstown (PRE)  
 HER Hermanus  
 HVD Hendrik Verwoerd Dam (PRE)  
 KIM Kimberley (PRE)  
 R KMSA Kimberley  
 LTT Louis Trichardt (PRE)  
 OKP Oakiep (PRE)  
 SUR Sutherland (PRE)  
 TUH Tulbagh (PRE)

## Natal

JOZ Jozini (PRE)  
 C PIE Pietermaritzburg (PRE)  
 PTM Pietermaritzburg (PRE)

## Orange Free State

BLF Bloemfontein (PRE)  
 PKR P.K. Le Roux Dam (PRE)  
 PRY Parys (PRE)  
 SEK Senekal (PRE)  
 VIR Virginia (PRE)  
 WKM Welkom (PRE)

## Transvaal

BFS Buffelsfontein (PRE)  
 BPI Bernard Price Institute, Johannesburg (PRE)  
 EVA Evander (PRE)  
 C JOH Johannesburg  
 R KOSA Koster  
 KSR Koster (PRE)  
 PRE Pretoria (PRE)  
 SLR Silverton (PRE)  
 SWZ Schweizer-Reneke (PRE)

## SUDAN

C NYA Nyala (OMB)

## SWAZILAND

R MPSO Mpaka  
 C SWD Swaziland (BKN)

## TANZANIA

C DOD Dodoma

## TOGO

LOM Lome

## TUNISIA

R GAF Gafsa (SBS)  
 KCHT Kechabta (SBS)  
 MBZ Menzel Bouzeid (SBS)  
 SBS Sidi-Bou-Said (SBS)  
 R THA Thola (SBS)  
 C TUN Tunis  
 ZGN Zaghouan (SBS)

## UGANDA

C ENT Entebbe

## ZAIRE

C BIN Binza (Leopoldville)  
 BTC Butemba  
 C DCC Delcommune  
 C ELI Lubumbashi (Elizabethville) (PAL)  
 C LBC Lubudi  
 R LMA Le Marinel  
 LWI Lwiro  
 C MLN Mulungwishi

## ZAIRE--Continued

C RUM Rumangabo  
 C UVI Uvira

## ZAMBIA

BHA Kabwe (Braken Hill)  
 R IKZ Isaka (LSZ)  
 ITZ Itezhi-Tezhi (LSZ)  
 KMZ Kasempa (LSZ)  
 LSZ Lusaka (LSZ)  
 C LUS Lusaka  
 MZZ Mansa (LSZ)  
 R PTZ Petauke (LSZ)

## ZIMBABWE

BUL Bulawayo (BUL)  
 R BWR  
 CIR Chiredzi (BUL)  
 R HWZ Hwange (Wankie) (BUL)  
 C KRB Kariba (BUL)  
 KRI Karai (BUL)  
 C KRR Karai (BUL)  
 MTD Mount Darwin (BUL)  
 R MUZ Mutare (Umtali) (BUL)

## ANTARCTICA

## Antarctic Peninsula

AIA Argentine Island  
 C ANC Antarctic (Marguerite Bay)  
 C GGV Gabriel Gonzalez Videla (SAN)  
 OHC O'Higgins (SAN)

## Greater Antarctica

DRV Dumont d'Urville (STR)  
 C HBA Halley Bay  
 C HLL Hallett (WEL)  
 MAW Mawson (AUST)  
 C MCM McMurdo Sound  
 MIR Mirnyy (MOS)  
 NVL Novolazarevskaya (MOS)  
 C OBA Oasis Bungea  
 C RMA Rockefeller Mountains  
 SBA Scott Base (WEL)  
 SNA Sanae (PRE)  
 SPA South Pole (NEIS)  
 SYO Syowa (Ongul)  
 C TAA Terre Adelie  
 R VNA George Van Neumeyer (GRF)  
 C VND Vanda (WEL)  
 R VNDA Vanda  
 C WIL Wilkes (AUST)

## Lesser Antarctica

C BY1 Byrd--Stanford Research Institute  
 C BY2 Byrd--Stanford Research Institute  
 C BY3 Byrd--Stanford Research Institute  
 C BYA Byrd--Stanford Research Institute  
 C BYR Byrd (NEIS)  
 C LAA Little America

## South Orkney Islands

R SGY Signy Island

## South Shetland Islands

AAS Arctowski Station (WAR)  
 C DEC Deception Island  
 C PED Pedro Aguirre Cerda (SAN)

## ASIA

## AFGHANISTAN

KAAO Kabul  
KBL Kabul

## BANGLADESH

CHT Chittagang

## BURMA

MND Mandalay  
RAN Rangoon

## CHINA (MAINLAND)

Beijing  
BJI Beijing (Peking) (BJI)  
C BJI2 Beijing (Peking) (BJI)

Fujian  
QZH Quanzhou (BJI)

Gansu  
GTA Gaotai (BJI)  
C LAN Lanzhou (Lanchow) (BJI)  
C LCC Liang-Chaw (Wuwei)  
LZH Lanzhou (Lanchow) (BJI)  
TNH Tianshui  
WUW Wuwei  
YUM Yumen

Guangdong  
GZH Guangzhou (Canton) (BJI)  
LMC Lamocks (Nanpeng Liedao)  
QIZ Qiangzhang (BJI)

Guizhou  
GYA Guiyang (Kweiyang) (BJI)

Heilangjiang  
MDJ Mudanjiang (BJI)  
SUI Suihuo

Hubei  
WHN Wuhan (BJI)  
WUH Wuhan

Inner Mongolia  
BTO Baotou (Paotou) (BJI)  
HHC Hohhot (BJI)

Jiangsu  
C NAN Nanjing (Nanking) (BJI)  
NJ2 Nanjing (BJI)

Jilin  
CN2 Changchun (BJI)  
C CNH Changchun (BJI)  
C HSK Hsinking (Changchun)

Liaoning  
C DAI Dairen (Luda)  
DL2 Dalian (Luda) (BJI)  
FEN Fengtien (Shenyang)  
SNY Shenyang (BJI)  
YIN Yingkou

Ningxia  
YNC Yinchuan

Qinghai  
SNN Xining (Sining)

Shaanxi  
C SIA Xian (Sian, Hsian) (BJI)  
TYF Tung-yuan-fang  
XAN Xian (Hsian) (BJI)

Shandong  
TIA Taian (BJI)  
TSN Qingdao (Tsingtau)

Shanghai  
SSE Sheshan (BJI)  
ZKW Zi-ka-wei (Hsu-chia-hui)  
C ZSC Sheshan (Zose) (BJI)

## CHINA (MAINLAND)—Continued

Shanxi  
LNF Linfen  
TLY Taiyuan (BJI)  
TTC Tatung (Datong)  
TYN Taiyuan

Sichuan  
CD2 Chengdu (Chengtu) (BJI)  
C CDU Chengdu (Chengtu) (BJI)  
PEH Pehpei (Beibei)

Tionjin  
TIE Tientsin (Tianjin)

Tibet  
C LHA Lhaso (BJI)  
LSA Lhasa (BJI)

Xinjiang  
KSH Kashi (Kashgar) (BJI)  
WMQ Urumqi (Wulumuchi) (BJI)

Yunnan  
KMI Kunming (BJI)

## CHINA (TAIWAN)

ALS Alishan (Arisan) (TAP)  
ANP Anpu (TAP)  
CHY Chia-i (Chiayi) (TAP)  
HEN Heng-chun (Henchuan, Kasyun) (TAP)  
HSI Hsin-kang (Hsinkong, Singkang) (TAP)  
HSN Hsin-chu (Sinjo) (TAP)  
HWA Hua-lien (Hwallien, Karenka) (TAP)  
ILA I-lan (Ylan, Giran) (TAP)  
KAU Kaa-hsiung (Kaushiong, Takaa) (TAP)  
LAY Lan-yu (TAP)  
PNG Penghu (Hokoto) (TAP)  
TAI Tai-nan (TAP)  
TAP Taipei (Taihoku) (TAP)  
TATO Taipei (TATO)  
TAW Ta-wu (Dawu, Tawa) (TAP)  
TCU Tai-chung (Taityu) (TAP)  
TTN Tai-tung (Taito) (TAP)  
R TWA Mu-cha (TATO)  
TWC Su-ao (TATO)  
TWD Chia-wan (TATO)  
R TWE Feng-lin (TATO)  
C TWF Yu-li (TATO)  
TWF1 Yu-li (TATO)  
TWG Pin-lang (TATO)  
TWK Hsin-ying (TATO)  
C TWM Shou Shan (TATO)  
TWM1 Shou Shan (TATO)  
TWO Mei-shan (TATO)  
TWO Tung-shih (TATO)  
TWZ Nei-hu (Neifu) (TATO)  
YUS Yu-shan (Mount Morrison) (TAP)

## CYPRUS

CSS Cyprus Station -- Prodhromos

## HONG KONG

R CCHK Cheung Chau (HKC)  
HKC Hong Kong (HKC)  
R THK Tsim Bei Tsui (HKC)  
R YHK Yuen Ng Fan (HKC)

## INDIA

Andaman Islands  
PBA Port Blair (NDI)

Andhra Pradesh  
HYB Hyderabad--Nat. Geophysical Research Inst.  
C HYD Hyderabad  
NLG Nalgonda  
VIS Vishakhapatnam (Andhra, Waltair) (NDI)  
C VIZ Vizianagram (NDI)  
WGL Worangal



## ASIA

## INDIA--Continued

Arunachal Pradesh  
 R BMI Bomdila (JHI)  
 INR Itanagar (JHI)  
 KOI Khonsa (JHI)  
 R LKP Likhapani (NDI)

Assam  
 R GWH Guwahati (JHI)  
 JHI Jorhat (JHI)  
 KZI Kaziranga (JHI)  
 C TEZ Tezpur  
 TOC Tocklai (NDI)

Bihar  
 BOK Bokaro (NDI)

Delhi  
 R DEIO Delhi  
 NDI New Delhi (Delhi) (NDI)

Gao, Daman and Diu  
 GOA Gao (Panjim) (NDI)

Gujarat  
 BHJ Bhuj (NDI)

Haryana  
 KKR Kurukshetra  
 C ROH Rahtak (NDI)

Himachal Pradesh  
 C DLH Dalhausie (NDI)  
 C JWA Jwalamukhi (NDI)  
 C SMI Simla

Karnataka  
 GBA Gauribidanur Array

Kerala  
 TRD Trivandrum (NDI)

Madhya Pradesh  
 SEH Sehore (NDI)

Maharashtra  
 BOM Bombay (Colaba) (NDI)  
 C GOV Gwalior (NDI)  
 KAD Karad (NDI)  
 C KNI Koyna Nagar (NDI)  
 C MAH Mahabaleshwar (NDI)  
 POO Poona (NDI)  
 C STA Satara (NDI)

Manipur  
 IMP Imphal (NDI)

Meghalaya  
 SHIO Shillong (NDI)  
 SHL Shillong (NDI)  
 TURI Tura (NDI)

Mizoram  
 R AZL Aizawl (JHI)

Nagaland  
 KHM Kohima (JHI)  
 YFI Yaogyimsen (JHI)

Punjab  
 BHK Bhakra (NDI)  
 C MUK Mukerian (NDI)

Rajasthan  
 AJM Ajmer (NDI)

Tamil Nadu  
 KOD Kodaikanal (NDI)  
 MDR Madras (NDI)

Tripura  
 AGT Agartala (NDI)

Uttar Pradesh  
 C AGR Agra (NDI)  
 DDI Dehra Dun (NDI)  
 C MEE Meerut (NDI)  
 R ROO Raorkee  
 C SNP Sonapat (NDI)

## INDIA--Continued

Uttar Pradesh--continued  
 VAR Varanasi (NDI)

West Bengal  
 CAL Calcutta (Alipore) (NDI)  
 HOW Howrah (NDI)

INDONESIA

Irian Jaya  
 JAY Jayapura (DJA)  
 SWI Sorong (DJA)

Jawa  
 C BND Bandung  
 DJA Jakarta (Batavia, Djakarta) (DJA)  
 C GED Gedeh  
 C KEL Kelud  
 C KIJ Kawah Idjen  
 LEM Lembang (DJA)  
 C MAJ Maron  
 C MLB Malabar  
 C MRP Merapi  
 SJI Sawahan (DJA)  
 C SMR Semeru  
 TNG Tangerang (DJA)  
 C TPJ Tangkuban-Prahu  
 TRT Tretes (DJA)

Kalimantan  
 C BKB Balikpapan (DJA)  
 BKB2 Balikpapan (DJA)

Moluku  
 AAI Ambon (DJA)  
 AMO Ambon  
 SLKI Soumlaki (DJA)  
 TLE Tual (DJA)  
 TNE Ternate (DJA)

Nusa Tenggara  
 Bali  
 DNP Denpasar (DJA)  
 KHKI Kahang-Kahang (DJA)  
 Sumba  
 WSI Waingapu (DJA)  
 Timor  
 KUG Kupang (DJA)  
 C KUP Kupang (DJA)  
 KUPT Kupang (DJA)

Sulawesi  
 BTNI Buton (DJA)  
 MKS Ujungpondang (Makassar) (DJA)  
 MNI Manado (DJA)  
 PCI Palu (DJA)

Sumatera  
 R BGI Bengkulu (DJA)  
 BSI Banda Aceh (DJA)  
 R GSI Gunungsitoli (DJA)  
 C KKD Korintji-Kaba-Dempo  
 KLI Katubumi (DJA)  
 KSI Kopohiang (DJA)  
 C MED Medan (DJA)  
 PPI Padangpanjang (DJA)  
 PSI Prapat (DJA)  
 C PWS Pulau-Weh  
 C SLS Saengei Langka  
 C TLN Talang  
 R TPI Tanjungpandan (DJA)  
 TSI Tuntungan (DJA)

## IRAN

IR1 Iran Long-Period Array (TEH)  
 IR2 Iran Long-Period Array (TEH)  
 IR3 Iran Long-Period Array (TEH)  
 IR4 Iran Long-Period Array (TEH)  
 IR5 Iran Long-Period Array (TEH)  
 IR6 Iran Long-Period Array (TEH)  
 IR7 Iran Long-Period Array (TEH)  
 KER Bakhtoran (Kermanshah) (TEH)  
 KHI Kakhk (MUI)  
 MAIO Moshhad (TEH)  
 MHI Moshhad (TEH)

## ASIA

## IRAN--Continued

C MSH Mashhad (TEH)  
 MUL Mashhad University (MUL)  
 SHD Shahrud (MUL)  
 SHI Shiraz  
 SRI Sefid-Roud (TEH)  
 TAB Tabriz (TEH)  
 TEH Tehran (TEH)  
 TGI Taghi Ghambar (MUL)

## IRAQ

BHD Baghdad (BHD)  
 R BSR Bosro (BHD)  
 MSL Mosul (BHD)  
 RTB Rutbah (BHD)  
 R SLY Sulaymaniyah (BHD)

## ISRAEL

ADI Adomit (JER)  
 ASI Mount Amassa (JER)  
 R BGIO Bor Giyyora (JER)  
 BSO Bsor (JER)  
 C BTI Bat Shelomo (JER)  
 CRI Mount Carmel (JER)  
 DOR Dorot (JER)  
 C EIL Elat (Eilat)  
 GVI Bet Guvrin (JER)  
 C HAF Haifa (JER)  
 HRI Mount Hermon (JER)  
 JER Jerusalem (JER)  
 C JNI Jehonathan (JER)  
 MGI Mount Gilboa (JER)  
 MKT Machtesh Katan (JER)  
 MOI Mount Montar (JER)  
 C MSM Mount Sar Shalom (JER)  
 C MYI Mount Yahel (JER)  
 NOH Ma'ale Noah (JER)  
 PRNI Paran (JER)  
 RMN Mount Ramon (JER)  
 C SAF Safed (Zefat)  
 U ZNH Zanoah (JER)  
 ZNT Zur Nathan (JER)

## JAPAN

## Bonin Islands

CBJ Chichi-shima (Chichijima) (JMA)  
 HJJ Hochijo-jima (Hachidzima) (JMA)  
 R MKJ Miyake-jima  
 C NJJ Nii-shima (Nii-jima)  
 OSH Oshima (JMA)  
 C TOR Tori-shima (JMA)  
 C TTZ Chichi-shima (Chichijima, Titizima) (JMA)  
 C YUO Ito-jima (Itojima, Yuojima)

## Hokkaido

## Abashiri

ABJ Abashiri (JMA)  
 R KNP Kunneppu (HSS)

## Hidaka

ERM Erimo (HSS)  
 R HIC Hidaka-cho (HSS)  
 KMU Kamikineusu (HSS)  
 R MSN Misono (HSS)  
 R MUJ Mitsuishi (HSS)  
 URA Urakawa (JMA)

## Hiyama

R IMG Imagane (HSS)  
 R KJH Kaminokuni (HSS)

## Iburi

R GENH Genta-Ana (HSS)  
 R HORH Horominoi (HSS)  
 R KITH Kitousu (HSS)  
 R KONH Konpirayama (HSS)  
 R MATH Matsumotoyama (HSS)  
 R MITH Mitoyo (HSS)  
 MRR Muroran (JMA)  
 MRRJ Muroran 2 (JMA)  
 R NRMH Kita-Gairin (HSS)  
 R OHD Ohdairo (HSS)  
 R SHOH Showa-Shinzan (HSS)  
 R SRMH Minami-Gairin (HSS)  
 R TATH Tatsuka (HSS)  
 TMR Tomakomai

## JAPAN--Continued

## Hokkaido--continued

## Iburi--continued

R UVO Usu Kazan Kan (HSS)  
 Ishikari  
 HSS Hokkaido University (Misumoi) (HSS)  
 SAP Sapporo (JMA)

## Kamikawa

R AIB Aibetsu (HSS)  
 ASA Asahikawa (JMA)  
 ASAJ Asahikawa Outpost (JMA)

## Kushiro

R AKK Akkeshi (HSS)  
 KUS Kushiro (JMA)  
 KUSJ Kushiro Outpost (JMA)  
 R TES Teshikaga (HSS)

## Nemuro

NEM Nemuro (JMA)  
 R NMR Nemuro--Hokkaido University (HSS)

## Oshima

R ESH Esan (HSS)  
 HAK Hakodate (JMA)  
 MOR Mori (JMA)

## Rumoi

C HAB Haboro  
 RMJ Rumoi (JMA)  
 R TOI Tomomai (HSS)

## Shiribeshi

C AHS Asarigawa Hot Spring (HSS)  
 C NKS Nakayama Pass (Kimabetsu) (HSS)  
 SUT Suttu (JMA)

## Soyo

WAK Wakkanai (JMA)

## Tokachi

HOJ Hiroo (JMA)  
 HOJ2 Hiroo 2 (JMA)  
 R IWN Iwanai (Obihiro City) (HSS)  
 R MYR Moyori (HSS)  
 OBI Obihiro (JMA)  
 R URH Urahoro (HSS)

## Honshu

TK01 Tokai O.B.S. 1 (JMA)  
 TK02 Tokai O.B.S. 2 (JMA)  
 TK03 Tokai O.B.S. 3 (JMA)  
 TK04 Tokai O.B.S. 4 (JMA)  
 R TNAK Tsuna (KYT)

## Aichi

R CHTJ Chita (NGY)  
 INU Inuyama (NGY)  
 R MIKN Mikawa (NGY)  
 NAG Nagoya (JMA)  
 R SYJ Shimoyama (CDPJ)  
 U TYH Toyohashi (NGY)  
 R TYNN Toyone (NGY)

## Akita

AKI Akita (JMA)  
 R FUT Futatsui (TOH)  
 HJH Hanjo (JMA)  
 R HJY Hanjo (TOH)  
 R KOMT Akitakoma (TOH)  
 R NIB Nibetsu (TOH)  
 R OGH Ogo (TOH)  
 R TBS Tobishima (TOH)  
 R TOBT Tobi-shima (TOH)  
 R YOKT Yokooka (TOH)

## Aomori

AOM Aomori (JMA)  
 AOMJ Aomori Outpost (JMA)  
 R DAKH Doke (HRS)  
 R GNK Ganki (HRS)  
 HAC Hachinohe (JMA)  
 R HATH Hata (HRS)  
 R HRD Hiradai (HRS)  
 R IZMH Izume (HRS)  
 R KZW Kaizawa (HRS)  
 C TNB Tonabu  
 U YAY Yayoi (HRS)

## Chiba

CHO Choshi (JMA)  
 R COJ Choshi (CDPJ)  
 R ICH Ichihara (CDPJ)  
 R INB Inubo (ERIJ)  
 R IWJ Iwai-Kita (CDPJ)  
 C KIY Kiyosumi (ERIJ)  
 C KTR Katsuura  
 KYS Kiyosumi (ERIJ)  
 R MNJ Mineoko (CDPJ)  
 C SKU Sakuro

## JAPAN--Continued

## JAPAN--Continued

## Honshu--continued

## Chiba--continued

R SMJ Shimohso (CDPJ)  
 TAT Tateyama (JMA)  
 C TMS Tomisaki (Mero) (JMA)  
 C TOG Togone (ERIJ)  
 R TYM Tateyama (CDPJ)  
 R YKI Yokoichiba (CDPJ)

## Fukui

R FKJD Fukui (DRI)  
 FUK Fukui (JMA)  
 R HKJ Hokoriku (DRI)  
 R IMJ Imajo (DRI)  
 U KADD Katsuyama (DRI)  
 R KAJD Katsuyama (DRI)  
 R MHJ Mihama (DRI)  
 U SGJ Sugihashi (DRI)  
 TSR Tsurugo (JMA)  
 TSRJ Tsurugo Outpost (JMA)

## Fukushima

C AID Aizu (Inowashiro)  
 FKS Fukushima (JMA)  
 R IWK Iwaki (TOH)  
 R KNY Kanayama (TOH)  
 R MAKJ Makukawa (TOH)  
 ONA Onohama (JMA)  
 SHR Shirokawa (JMA)

## Gifu

R AMJ Amo (DRI)  
 GIF Gifu (JMA)  
 R ITD Itodori (NGY)  
 R KHJ Kushihiro (CDPJ)  
 R KTJD Komitakoro (DRI)  
 R MZE Maze (NGY)  
 U OHRN Oohiro (NGY)  
 U SMJD Shimonamoto (DRI)  
 R SPJN Shinpukuji (NGY)  
 U SRJ Sugihara (DRI)  
 U SRJD Shirokawa (DRI)  
 R TAKN Takayama (NGY)  
 R TKC Tsuchechi (NGY)  
 U TKJD Tokuyama (DRI)  
 R TKN Tokone (NGY)  
 TKY Tokoyama (JMA)  
 R TKZ Tokozawason (NGY)  
 R YKE Yokedoke (NGY)

## Gumma

R KMGE Kuromomogawa (ERIJ)  
 MAE Maebashi (JMA)  
 R ODSE Onioshidashi (ERIJ)

## Hiroshima

HIR Hiroshima (JMA)  
 C KRE Kure  
 C KUT Kutsugohora (ERIJ)  
 MKW Mikawa (ERIJ)  
 NKR Nakonohara (ERIJ)  
 SHK Shiraki (ERIJ)  
 U UZT Uzuto (ERIJ)

## Hyogo

HIM Himeji (JMA)  
 R HMTD Hikami (DRI)  
 R IZT Izumi (DRI)  
 U KBE Kobe (KYT)  
 U KDT Kodero (DRI)  
 KOB Kobe (JMA)  
 U KZT Kanzaki (DRI)  
 R MZT Mikazuki (DRI)  
 U OYT Oyo 1 (DRI)  
 R OYT2 Oyo 2 (DRI)  
 R RKO Rokko (KYT)  
 SNZ Senzon (ERIJ)  
 R TNJ Tannon (KYT)  
 R TTOK Tanto (KYT)  
 TYK Toyooko (JMA)  
 U YST Yumesaki (DRI)  
 U YZT Yamosaki (DRI)

## Ibaraki

KAK Kakioka (JMA)  
 KAKJ Kakioka Outpost (JMA)  
 MIT Mito (JMA)  
 R MRJ Moriya (CDPJ)  
 MTJ Mount Tsukuba (ERIJ)  
 C OKI Okijuku  
 TSU Tsukuba (ERIJ)  
 R YMZU Yamizo (UTU)

## Ishikawa

KAN Kanazawa (JMA)  
 U KMD Komatsu (DRI)

## Honshu--continued

## Ishikawa--continued

R KMJD Komatsu (DRI)  
 WAJ Wajima (Wozimo) (JMA)

## Iwate

R HMK Himekomi (TOH)  
 R HSH Hoshikomi (TOH)  
 R IMAT Imodeyama (TOH)  
 R K01 Nishinoi (TOH)  
 R K02 Yamosaki (TOH)  
 R K03 Shimotochinai (TOH)  
 R K04 Kokoji (TOH)  
 R K05 Ishipane (TOH)  
 R K06 Arakawa (TOH)  
 R K07 Kotohato (TOH)  
 R K08 Monomi-yama (TOH)  
 R K09 Ooide (TOH)  
 R K10 Oonodaira (TOH)  
 R K11 Fujikirizawa (TOH)  
 R K12 Koide (TOH)  
 R KGJ Kitakami (TOH)  
 MIY Miyoko (JMA)  
 MIZ Mizusawa  
 R MKO Miyoko (TOH)  
 MRK Morioka (JMA)  
 OFU Ofunato (JMA)  
 OFUJ Ofunato Outpost (JMA)  
 R SAH Sawouchi (TOH)  
 R SNI Sonriku (TOH)

## Kanagawa

R ASG Minomiashigoro (CDPJ)  
 R HRM Kowasaki (CDPJ)  
 C KMK Komokuro  
 C MSK Misaki (ERIJ)  
 OYM Oyama (ERIJ)  
 SRY Shiroyama (ERIJ)  
 R TKE Take-yama (ERIJ)  
 YOK Yokohama (JMA)  
 C YSK Yokosuka

## Kyoto

R KGMK Komigomo (KYT)  
 R KHK Keihoku (KYT)  
 C KMM Komigomo  
 KYO Kyoto (JMA)  
 C MAI Maizuru (JMA)  
 C MYD Miyazu  
 MZH Maizuru (JMA)  
 U SZG Shizugawa (KYT)  
 R UJI Uji (KYT)

## Mie

C GOZ Gozaisho (ERIJ)  
 C INA Inan (ERIJ)  
 ISE Ise (ERIJ)  
 U IWO Iwooson (KYT)  
 C KAM Komeyama (JMA)  
 U KMYN Komeyama (NGY)  
 OWA Owase (JMA)  
 TSU Tsu (JMA)  
 R UGK Ugokei (NGY)

## Miyagi

R AOB Aobayama (TOH)  
 ISN Ishinomaki (JMA)  
 R KMF Komafusa (TOH)  
 R KSN Kinkosan (TOH)  
 R KWT Kawotabi (TOH)  
 SEN Sendoi (Mukoizawa) (JMA)

## Nagano

ASM Asama  
 R AVOE Asama Observatory (ERIJ)  
 R GPY Gippoyama (ERIJ)  
 HSJ Hoshino (ERIJ)  
 R HTK Hotokeiwa (ERIJ)  
 R HZA Huzimizaka (ERIJ)  
 IID Iido (JMA)  
 IIDJ Iido Outpost (JMA)  
 C IKJ Ikusaka (ERIJ)  
 KAZ Koruizawa (JMA)  
 KRJ Komimurago (ERIJ)  
 C KSJ Koshimo (ERIJ)  
 MAJO Matsushiro (JMA)  
 MAT Matsushiro (JMA)  
 MTM Motsumoto (JMA)  
 MTMJ Motsumoto Outpost (JMA)  
 U NGJ No-gowo (ERIJ)  
 NGN Nogono (JMA)  
 C NNJ Nokono (ERIJ)  
 R NSW Nokonosawa (ERIJ)  
 C OIW Oiwoke

## ASIA

## JAPAN--Continued

## Honshu--continued

## Nagano--continued

OMJ Ohmine (ERIJ)  
 R OOS Ooshika (NGY)  
 C SDJ Sanada (ERIJ)  
 R SHZE Shinhuzimiza (ERIJ)  
 C SSJ Shinshu-Shinmochi (ERIJ)  
 R SSZ Sekisonzon (ERIJ)  
 R STRE Sannotorii (ERIJ)

## Nara

HBR Haibara (ERIJ)  
 NAR Nara (JMA)  
 SRT Sarutani (ERIJ)  
 C YAG Yagi (Kashiwara)

## Niigata

AIK Aikawa (JMA)  
 U ITGE Itoigawa (ERIJ)  
 R KZJ Kashiwa-zaki (ERIJ)  
 NII Niigata (JMA)  
 NIIJ Niigata Outpost (JMA)  
 R NOUE Nou (ERIJ)  
 R SBH Shibata (TOH)  
 TKD Takada (JMA)  
 TKJ Takada (ERIJ)  
 R YHKE Yahiko (ERIJ)  
 U YNT Yunotani (ERIJ)  
 R YZU Yuzawa (ERIJ)

## Okayama

C OKA Okayama (JMA)  
 R OKA1 Okayama (JMA)  
 R OKA2 Okayama 2 (JMA)

## Osaka

ABU Abuyama (KYT)  
 KAJ Kashiwara  
 R KTNK Katana (KYT)  
 R MYO Myakensan (KYT)  
 OSA Osaka (JMA)  
 OSK Osaka (Takayasuyama) (JMA)

## Saitama

CHJ Chichibu (JMA)  
 CHJJ Chichibu Outpost (JMA)  
 DDR Dadaira (ERIJ)  
 R IWT Iwatsuki (CDPJ)  
 KMG Kumagaya (JMA)  
 C KOM Komaba (ERIJ)

## Shiga

U AM1 Amasugawa 1 (DRI)  
 U AM2 Amasugawa 2 (DRI)  
 R AZJ Azai (DRI)  
 R BHOK Bomura (KYT)  
 HIK Hikane (JMA)  
 C IBU Ibukiyama (Ibukisan)  
 U KNJD Kanaiharo (DRI)  
 U KWJ Kawai (DRI)  
 R OHM Omihachiman (KYT)  
 U ORJ Oura (DRI)

## Shimane

C FUB Fube (ERIJ)  
 HMD Homada (JMA)  
 MTS Matsue (JMA)  
 SAI Saigo (JMA)

## Shizuoka

AJI Ajiro (JMA)  
 C GTN Gotenba  
 U HDAN Heda (NGY)  
 R HEDN Heda (NGY)  
 HMM Hamamatsu (Hamamatu) (JMA)  
 R HOKE Hokigiyama (ERIJ)  
 R HRG Hiragawara (ERIJ)  
 R ICY Ichiyama (ERIJ)  
 C ITO Ito (JMA)  
 R JIZ Nakaizu (CDPJ)  
 R KGW Kakegawa (CDPJ)  
 C KOY Koyama (ERIJ)  
 KTJ Kamata (JMA)  
 R KWZ Kawazu (ERIJ)  
 MIS Mishima (JMA)  
 R MIZN Minamiizu (NGY)  
 R MSKJ Misakubo (CDPJ)  
 R MZI Mizumiro (NGY)  
 R NGHE Neginahata (ERIJ)  
 NGT Nogatsuro (Irozaki) (JMA)  
 R NRME Naramoto (ERIJ)  
 R NRY Nirayama (CDPJ)  
 R NSI Nishiizu (CDPJ)  
 C NUM Numazu  
 R OKB Okabe (CDPJ)  
 R OKN Okuno (ERIJ)

## JAPAN--Continued

## Honshu--continued

## Shizuoka--continued

OMA Omaezaki (JMA)  
 U SGMN Shimogamo (NGY)  
 R SGRN Sagoro (NGY)  
 SHZ Shizuoka (JMA)  
 U SMK Shimokama (ERIJ)  
 C SUS Susaki (Mitsui) (ERIJ)  
 R TNR Tenryu (CDPJ)  
 C YOS Yoshiwara (ERIJ)

## Tochigi

R KBH Kobugohara (ERIJ)  
 R KKGU Kamikuga (UTU)  
 R MGJ Mategi (CDPJ)  
 R OHJ Ohira (CDPJ)  
 UTS Utsunomiya (JMA)  
 R UTU Utsunomiya (UTU)  
 R YMZ Yamizo (TOH)

## Tokyo

HGJ Hango (ERIJ)  
 R HHR Hinohara (CDPJ)  
 C HNG Hango (ERIJ)  
 IIS Int'l Inst. of Seismology and Earthquake Eng.  
 C MTK Mitaka (ERIJ)  
 C SIN Shinagawa  
 TOK Tokyo (JMA)

## Tattari

R CZT Chizu (DRI)  
 U FOTD Funaaka (DRI)  
 R KYTD Kurayashi (DRI)  
 C SAA Sakai  
 R SNTD Shikano (DRI)  
 TOT Tattari (JMA)  
 TOTJ Tattari Outpost (JMA)  
 R TTT Tattori (DRI)  
 YON Yanago (JMA)  
 YONJ Yanago 2 (JMA)

## Toyama

HKI Fushiki  
 R KYJ Kurayon (ERIJ)  
 R NRJ Nirehara (DRI)  
 TOY Toyama (JMA)

## Wakayama

ARD Arida (ERIJ)  
 C HDK Hidaka (ERIJ)  
 R HNMM Hina-misaki (ERIJ)  
 R KISE Kishinamiya (ERIJ)  
 KKW Kainokawa (ERIJ)  
 KMN Kumano (ERIJ)  
 C KMT Kinamoto (ERIJ)  
 U MTGE Mitogawa (ERIJ)  
 OIA Oishiyama A (ERIJ)  
 OIB Oishiyama B (ERIJ)  
 OIC Oishiyama C (ERIJ)  
 C OIS Oishiyama (ERIJ)  
 SHJ Shianomisaki (Siomisaki) (JMA)  
 SKW Shichikawa (ERIJ)  
 C TDR Todoroki (ERIJ)  
 R WKME Wakayama (ERIJ)  
 C WKU Wakaura (Wakayama ERI) (ERIJ)  
 WKY Wakayama (JMA)  
 WKYJ Wakayama 2 (JMA)  
 R YAS Yuasa (ERIJ)  
 R YGI Yagi (KYT)

## Yamagata

R ATM Atsumi (TOH)  
 U HRTT Hiratsu (TOH)  
 SAK Sakata (JMA)  
 SKH Sakato Outpost (JMA)  
 YAM Yamagata (JMA)  
 YAMJ Yamagata Outpost (JMA)

## Yamaguchi

SHN Shimonoseki 3 (Shimonoseki) (JMA)  
 R SHN1 Shimonoseki (JMA)  
 SHNJ Shimonoseki 2 (JMA)

## Yamanashi

R ENZ Enzan (CDPJ)  
 R FUJ Fuji-kawa (ERIJ)  
 FUN Kawaguchi-ka (Funatsu) (JMA)  
 R KGN Kamagane (CDPJ)  
 KOF Kofu (JMA)  
 R OKY Okuyama (ERIJ)  
 C OOM Omiya  
 R SBJ Shimobe (CDPJ)  
 R UMJE Umejima (ERIJ)

## ASIA

## JAPAN--Continued

## Kyushu

Fukuoka  
 R AKM Akama  
 FKK Fukuoka (JMA)  
 C IZK Iizuka  
 Kagoshima  
 R FURD Furusato (DRI)  
 R GON Gangen (DRI)  
 R HIKD Hikinohira (DRI)  
 KAG Kagoshima (JMA)  
 KAGJ Kagoshima 2 (JMA)  
 R KITD Kitadake (DRI)  
 R KOID Kaike (DRI)  
 R KV01 Kirishima Volcano (ERIJ)  
 R KV03 Oonami West (ERIJ)  
 R KV05 Oonami East (ERIJ)  
 R KV11 Takochiho West (ERIJ)  
 R KV12 Sinyu (ERIJ)  
 R NABD Nabeyama (DRI)  
 R NOJ Najiri (DRI)  
 R SHRD Shirahama (DRI)  
 R YOSD Yashimatsu (DRI)  
 U YSM Yashimatsu (CDPJ)

## Kumamoto

ASJ Asason (JMA)  
 C ASO Aso (KYT)  
 R HONK Hondo (KYT)  
 R KISK Kishimo-dake (KYT)  
 KUM Kumamoto (JMA)  
 KUMJ Kumamoto 2 (JMA)  
 R MAKK Maki (KYT)  
 R SUNK Sunasenri (KYT)  
 R TAKK Taka-dake (KYT)

## Miyazaki

R KV02 Kamimonzen (ERIJ)  
 R KV04 Kurino-dake (ERIJ)  
 R KV06 Karakunidake (ERIJ)  
 R KV09 Okamoto-Ura (ERIJ)  
 R KV91 Ura (ERIJ)  
 MYZ Miyazaki (JMA)  
 R MYZ2 Miyazaki 2 (JMA)  
 NOB Nabeaka (JMA)

## Nagasaki

R CJA Chijiwa (SHV)  
 FKJ Fukue (JMA)  
 IZU Izuhora (JMA)  
 NGS Nagasaki (JMA)  
 U SHV Shimbara (SHV)  
 R SWAJ Obama (SHV)  
 C TOM Tamie (JMA)  
 UNZ Unzendake (JMA)

## Oita

C BEP Beppu  
 OIT Oita (JMA)

## Saga

SAG Saga (JMA)

## Marcus Island

C MCS Marcus Island (HIG)

## Ryukyu Islands

ISI Ishigaki-shima (JMA)  
 KMJ Kume-shima (Kumejima) (JMA)  
 MVI Minami-daito-jima (JMA)  
 C MWS Mawoshi  
 MYK Miyako-jima (JMA)  
 NAH Naha (JMA)  
 NGO Nago (JMA)  
 C NKE Nake  
 NZJ Naze (JMA)  
 TAJ Tanega-shima (JMA)  
 R TAJ2 Tanega-shima 2 (JMA)  
 C YKS Yaku-shima  
 YOJ Yanaguni-jima (JMA)

## Shikoku

## Ehime

MTY Matsuyama (Matuyama) (JMA)  
 C NHM Niihama  
 UWA Uwajima (JMA)

## Kagawa

C TAD Tadatsu  
 TKM Takomatsu (JMA)

## Kochi

R AOU Aou (URS)  
 ASZ Ashizuri (JMA)  
 IHR Ishihara (URS)  
 KOC Kochi (JMA)

## Shikoku--continued

## Kochi--continued

MRT Murotamisaki (JMA)  
 SHM Shimizu  
 R UMJ Umaji (URS)  
 URS Ugurusu (URS)  
 WMY Wakamiya (URS)  
 Takushima  
 U INMK Ichinomiya (KYT)  
 R ISIK Ishii (KYT)  
 R KCY Kuchiyama (KYT)  
 R KMNK Kaminaka (KYT)  
 SUM Sumoto (JMA)  
 TKS Takushima  
 TKSJ Takushima 2 (JMA)  
 TSS Tsurugisan (Anabuki) (JMA)  
 R WKJ Wajiki (KYT)

## JORDAN

R BURJ Burma (JSO)  
 R HMTJ Hamta (JSO)  
 R KFJN Kafrein (JSO)  
 R MASJ El Mastubiya (JSO)  
 R MKRJ Makawir (JSO)  
 R RUMJ Er Rumman (JSO)  
 R SALJ Salt (JSO)  
 R SMAJ Sumiya (JSO)  
 UNJ University of Jordan, Amman

## LEBANON

BHL Bhannes  
 KSA Ksara

## MACAU

MCO Coloane

## MALAYSIA

## Peninsular Malaysia

IPM Ipoh (KLM)  
 KGM Kluang (KLM)  
 KLM Kuala Lumpur (KLM)

## Sabah

KKM Kota Kinabalu (KLM)  
 R TSM Tawau (KLM)

## Sarawak

R KSM Kuching (KLM)

## MONGOLIA

C EBM Esen Bulak

C OBM Ulan Bator

## NEPAL

CHA Chatra (NDI)  
 DMN Daman (DMN)  
 KKN Kokani (DMN)  
 PKI Phulchoki (DMN)

## NORTH KOREA

C PYO Pyongyang (Heizo)

## PAKISTAN

AMP Ambar (PAL)  
 BGP Bagra (PAL)  
 CBP Campbellpur (PAL)  
 R CEP Cherat (PINS)  
 R CHCP Chirah Chowk (PINS)  
 R CKP Chanarkot (PAL)  
 R CPA Chapri (PINS)  
 DBP Darband (PAL)  
 R DRP Drazinda (PINS)

## ASIA

## PAKISTAN--Continued

KAR Karachi (QUE)  
 R KIA Kiara Terrace (PAL)  
 C LAH Lahore (QUE)  
 MNL Mangla (New Mirpur) (QUE)  
 NIL Nilore (QUE)  
 NTP Nathian (PAL)  
 C PES Peshawar  
 PSH Peshawar (QUE)  
 R QIB Qibla Bandi (PAL)  
 QUE Quetta (QUE)  
 R QUPO Quetta  
 R RBH Right Bank House--Pihur (PAL)  
 R SARP Sargodha (PINS)  
 R SBDP Shaikh Budin (PINS)  
 SIP Shinkiani (PAL)  
 R SWR Swabi-Maira (PAL)  
 R THW Thammewali (PINS)  
 R TRB Tarbela (PAL)  
 WRS Warsak (QUE)

## PAPUA NEW GUINEA

## Admiralty Islands

MOM Momote (PMG)

## Bougainville Island

BGA Mount Bagana (PMG)  
 C KOA Kobuan (RAB)  
 R NIS Nissan Island (RAB)  
 PAA Panguna (PMG)  
 C PIV Piva (RAB)

## D'Entrecasteaux Islands

C BDO Budaia (RAB)  
 ESA Esa Ala (RAB)  
 ESB Esa Ala (RAB)  
 LOSU Lasuia (PMG)  
 WDIS Woodlark Island (PMG)

## Karkar Island

KKI Karkar Island (RAB)

## New Britain

BIAL Bialla (RAB)  
 R BOI Boisen (RAB)  
 CGA Cape Gloucester Airport (RAB)  
 C DAW Daw (Hoskins) (RAB)  
 R DOY Duke of York Island (RAB)  
 R EDY Kabakon Island (BGS)  
 EKN Konagoga (BGS)  
 ELB Lambam Island (BGS)  
 ERB Rabaul (BGS)  
 ESM Semalu (BGS)  
 ETV Tavanokuss (BGS)  
 R EVZ Mount Varzin (BGS)  
 EWT Watom Island (BGS)  
 C KCM Kilenge Mission (RAB)  
 C KET Keravat (RAB)  
 C KMB Kimbe (RAB)  
 C KRT Keravat (RAB)  
 LAG Langila (Cape Gloucester) (RAB)  
 R MIP Matupit (PMG)  
 MPT Matupit Island  
 C PNB Pamia (PMG)  
 RAB Rabaul (RAB)  
 RAL Rabalanakaia (RAB)  
 C RAP Rapindik (Sulphur Creek) (RAB)  
 RPT Raluana Point (RAB)  
 SUL Sulphur Creek (RAB)  
 TAV Tavurvur (RAB)  
 TKA Tanaka (RAB)  
 TLS Talasea (PMG)  
 C ULA Ulamona (RAB)  
 R ULO Ulamona (RAB)  
 VUL Vulcan (Taviliu) (RAB)  
 WAN Wanliss Street (RAB)  
 WITU Witu Islands (PMG)

## New Guinea

C AGE Agenahambo (RAB)  
 ALOA Alotau (PMG)  
 C ALOT Alotau  
 C DNG Daru (PMG)  
 C GKA Goroka (PMG)  
 C GRK Goroka (PMG)  
 C GRK1 Goroka  
 KDB Kanedobu (PMG)

## PAPUA NEW GUINEA--Continued

## New Guinea--continued

KPN Kupiano (RAB)  
 C KRG Kerema (PMG)  
 KUPN Kupiano (PMG)  
 C LAE Lae (PMG)  
 LAT Lae (PMG)  
 LKW Lake Wisdom (RAB)  
 LMG Lamington (RAB)  
 LML Loe--Mount Lunaman (PMG)  
 C MAD Modang  
 MDG Modang (PMG)  
 MNDI Mendi (PMG)  
 PMG Port Moresby (PMG)  
 C POP Popondetta (PMG)  
 PUR Purari (PMG)  
 TBL Tabele (RAB)  
 C TPN Tapini (PMG)  
 TZZ Tabubil (PMG)  
 WAA Waris (RAB)  
 WAB Wabag (PMG)  
 C WEK Wewak (PMG)  
 WEW Wewak (PMG)  
 C WWW Wewak (PMG)  
 YAN Yangoru

## New Ireland

C KAV Kavieng (PMG)  
 KVG Kavieng (PMG)

## PHILIPPINES

## Batan Islands

BAP\* Basco (MAN)  
 R BBP Basco (MAN)

## Camiguin

C MAM Mambojao (MAN)

## Cebu

C CCP Cebu City (Lahug) (MAN)  
 MAP Mactan (MAN)

## Leyte

PLP Pala (MAN)

## Luzon

AMB Ambulong (MAN)  
 BAF\* Baguio (MAN)  
 BAG Baguio City (QCP)  
 BNP Banawang  
 R BTP Batelco  
 R BWP Baguio Weather Station (MAN)  
 CVP Callao Caves (MAN)  
 R INF Infanta (MAN)  
 R LEG Legaspi (MAN)  
 LGP Legaspi (MAN)  
 R LYP Liyong  
 MAN Manila (Diliman) (MAN)  
 MNP Morong  
 MSP Mount Santa Tamas (MAN)  
 PIP Posuquin (MAN)  
 QCP Quezon City (Manila Observatory) (QCP)  
 C SBP Subic Bay  
 SZP Sonto (MAN)  
 R TAY Tayabos (MAN)  
 C TLP Tuguegarao (MAN)

## Mindanao

C BTN Butuan (MAN)  
 CGP Cagayan de Oro (MAN)  
 C DAP Davao (MAN)  
 DAV Davao (QCP)  
 C DIP Dipolog (MAN)  
 R DWP Davao Weather Station (MAN)  
 R GTP General Santos (MAN)  
 C MPP Mount Pasian (MAN)  
 PPH Pasian Peak (MAN)  
 R ZBP Zamboanga (MAN)  
 R ZMP Zamboanga (MAN)

## Mindoro

C ABP Abra de Ilog (MAN)  
 PGP Puerto Galera (MAN)

## Palawan

PPR Puerto Princesa (MAN)

## PHILIPPINES--Continued

Panay  
C ILO Iloilo  
C PAP Pandan (MAN)  
PDP Pandan (MAN)

Samar  
CNP Catorman (MAN)

## SAUDI ARABIA

R DHR Dhohran

## SINGAPORE

R SING Singapore

## SOUTH KOREA

C INC Incheon (Tyosen, Zinsen)  
R KSRS Korea Array  
C PUS Pusan  
SEO Seoul (Keizyo)  
C SYU Syuhurei  
C TAE Taegu

## SRI LANKA

COC Colombo

## THAILAND

BDT Bhumibal Dom (CHG)  
CHG Chiang Mai (CHG)  
CHTO Chiang Mai (CHG)  
KHT Khao Laem Dom (CHG)  
LOE Loei (CHG)  
C LPT Lampang (CHG)  
NNT Nong Plab (CHG)  
NST Nakhon Sawan (CHG)  
PCT Pak Chong (CHG)  
SNG Songkhla (CHG)

## TURKEY

R ADT Adana  
R AGN Agin (ISK)  
R AKC Akcakoca  
R AKY Akyazi  
ALT Altintas (ISK)  
ANK Ankara  
ANTO Ankara  
R ARF Arif (ISK)  
R AYS Ayseler  
BCK Bucak (ISK)  
BKT Bakacak (ISK)  
BNT Bandirma (ISK)  
R CEM Cemisgezek (ISK)  
CIN Cine (IST)  
CTT Catalco (ISK)  
R DGT Duragan (ISK)  
DMK Demirkoy (ISK)  
R DMT Demirtas  
C DRB Dursunbey (ISK)  
DST Dursunbey (ISK)  
EDC Edincik (ISK)  
C ELA Elazig  
ELL Elmali (ISK)  
C ELZ Elazig (ISK)  
C ERD Erdek (ISK)  
ERZ Erzurum (IST)  
EZN Ezine (ISK)  
R FAT Fatmalar  
R GEB Gebze  
C GET Gonen (ISK)  
GPA Galpazari (ISK)  
HRT Hereke (ISK)  
ISK Istanbul--Kandilli (ISK)  
IST Istanbul (IST)  
IZM Izmir (ISK)  
R IZN Iznik  
KAS Kastamonu (IST)  
KCT Karacabey (ISK)

## TURKEY--Continued

KDE Korodeniz Ereğlisi (ISK)  
KEB Keban (ISK)  
KGT Korabigo (ISK)  
KLT Keltepe (ISK)  
R KMS Karamurser  
R KND Kandiro  
R KOL Kolay  
R KRH Kirikhan  
KVT Kavak (ISK)  
MFT Murefte (ISK)  
C MGN Mengen (ISK)  
R MUT Mudurnu  
R PLU Polu (ISK)  
R PTK Pertek (ISK)  
RAM Roman (IST)  
R SGT Sevinc (ISK)  
R SLK Susurluk  
SYT Seydisehir (IST)  
TBZ Istanbul (Trabzon) (IST)  
R TNC Tunceli (ISK)  
R TST Taslik  
TTK Tokmak (ISK)  
R VEZ Vezirkopru  
R VNT Van  
YER Yerkesik (ISK)  
YLV Yalova (ISK)  
ZGT Zonguldak (IST)

## U.S.S.R.

R VEH Verkh-Boza (MOSR)

## Armenian S.S.R.

R BAW Bavra (MOSR)  
ERE Yerevan (Erevan) (MOS)  
GRS Goris (MOS)  
R KDR Kadzharan (MOS)  
LEN Leninakan (MOS)  
R METS Metsamor (MOSR)  
STE Stepanavan (MOSR)  
R VRD Vardenis (MOSR)

## Azerbaijan S.S.R.

BAK Baku (MOS)  
KRV Kirovabad (MOS)  
R KUB Kuba (MOSR)  
LNK Lenkoran (MOSR)  
R MGC Mingechaur (MOSR)  
NAK Nakhichevan (MOS)  
R PRLS Pirkuli (MOSR)  
SHE Shemakha (MOS)  
R SHKS Sheki (MOSR)  
R ZHI Ostrav Zhiloy (MOSR)  
R ZKT Zakataly (MOSR)

## Byelorussian S.S.R.

MNK Minsk (MOS)

## Estonian S.S.R.

C TTU Tartu (Dorpat, Jurjeio)

## Georgian S.S.R.

ABS Abastumoni (TIF)  
AKH Akhalkalaki (TIF)  
BGD Bogdanovka (TIF)  
BKR Bakurioni (MOS)  
C BOR Borzhomi  
R DMNS Dmanisi (MOSR)  
DUS Dusheti (TIF)  
GEG Gegechkori (TIF)  
GOR Gori (TIF)  
R KHS Khaishi (TIF)  
R LGD Lagodekhi (TIF)  
MTA Mtatsminda (Tbilisi 2) (TIF)  
ONI Oni (TIF)  
R SAB Saberia (TIF)  
TIF Tbilisi (Tiflis) (TIF)  
R TKI Tkibuli (MOSR)  
R TSE Tsebelda (TIF)  
ZUG Zugdidi (MOS)

## Kazakh S.S.R.

AAA Alma-Ata (MOS)  
CHL Chilik (MOSR)  
CHM Chimkent (MOSR)  
R CHMS Chumysh (MOSR)  
R DZA Dzhambul (MOSR)

## ASIA

## U.S.S.R.--Continued

## U.S.S.R.--Continued

## Kozakh S.S.R.--continued

C FAB Fabrichnoye  
C ILI Ili  
C KRD Kurday  
KRM Kurmenty  
C KRS Krasnogorka  
R KST Kastek (MOSR)  
KUU Kurty (MOSR)  
SEM Semipolatsinsk (MOS)  
R TDG Taldy-Kurgan (MOSR)  
R TGN Turgen (MOSR)  
TLG Tolgar (Alma-Ata) (MOS)

## Kirghiz S.S.R.

R ANVS Ananyevo (MOSR)  
R ARK Arkit (MOSR)  
R ARLS Aral (MOSR)  
R BGK Belogorka (MOSR)  
R BTK Balken (MOSR)  
FRU Frunze (MOS)  
R KR1 Kiravskoe (MOSR)  
NRN Naryn (MOS)  
R OHH Osh (MOSR)  
R OTK Orto-Tokoy (MOSR)  
PRZ Przhvalsk (MOS)  
RYB Rybachye (MOSR)  
SFK Sufi-Kurgan (MOSR)  
R TSTS Tash-Pashot (MOSR)

## Moldavian S.S.R.

R KGL Kagul (MOSR)  
KIS Kishinev (MOS)

## R.S.F.S.R.

R KII Korymskii (MOSR)  
Altayskiy Kray  
CUR Chagan-Uzun (MOSR)  
ELT Yeltsovka (MOS)  
UKR Ust-Kan (MOS)  
Khabarovskiy Kray  
R KLDS Kuldur (MOSR)  
NKL Nikalaevsk-na-Amure (MOSR)  
Krasnodarskiy Kray  
ANN Anapa (MOSR)  
C KPR Krasnaya Polyano  
SOC Sochi (MOS)  
Krasnoyarskiy Kray  
NRI Noril'sk (MOS)  
Primorskiy Kray  
VLA Vladivostak (MOS)  
Stavropolskiy Kray  
PYA Pyatigorsk (MOS)  
Amurskaya Oblast  
R BMKS Bommok (MOSR)  
R KHY Khatystyr (MOSR)  
R KROS Kirovskiy (MOSR)  
R RMNS Romny (MOSR)  
R USZ Ust-Nyukzha (MOSR)  
R YASS Yasnyy (MOSR)  
R ZEA Zeyo (MOSR)  
Arkhangelskaya Oblast  
C AMD Amderma  
KHE Kheis (MOS)  
Chitinskaya Oblast  
CIT Chito (MOSR)  
R CRS Choro (MOSR)  
R SLBS Syulbon (MOSR)  
SRK Sredniy Kolor (MOSR)  
TUP Tupik (MOS)  
Irkutskaya Oblast  
ARS Arshon (MOSR)  
C BAY Bayandoy  
BOD Badoybo (MOS)  
IRK Irkutsk (MOS)  
R SOL Salontsovaya (MOSR)  
TRG Tyrgono (MOSR)  
Kaliningradskaya Oblast  
C KNG Kaliningrad (Konigsberg)  
Koluzhskaya Oblast  
OBN Obninsk (MOS)  
Kamchatskaya Oblast  
R APN Apokhonchich (MOSR)  
R AVH Avocho (MOSR)  
BKI Bering (Komondorsky Islands, Nikolskoe) (MOSR)  
R BLCS Bulochko (MOSR)  
R ESO Esso (MOSR)  
R INSS Institut (MOSR)  
R KBG Krutoberegovo (MOSR)

## R.S.F.S.R.--continued

## Kamchatskaya Oblast--continued

KLY Klyuchi (MOSR)  
R KOK Koryakskiy (MOSR)  
KQZ Kazyrevsk (MOSR)  
R KRN Kronoki (MOSR)  
R KZL Kozelskiy (MOSR)  
R OSSR Ossoro (MOSR)  
PAU Pouzhetko (MOSR)  
PET Petropavlovsk-Kamchatskiy (MOS)  
SEL Semlyochik (MOSR)  
SPN Mys Shipunski (MOS)  
TOP Topolovo (MOSR)

## Leningradskaya Oblast

C LNN Leningrad  
PUL Pulkovo (MOS)

## C VYB Vyborg

## Magadonskaya Oblast

R DBI Debin (MOSR)  
ILT Iultin (MOS)  
MAG Magadon (MOS)  
MGD Magadon 1 (MOS)  
R OMS Omsukchon (MOSR)  
SEY Seymchan (MOS)  
R SUUS Susuman (MOSR)  
R USO Ust-Omchug (MOSR)

## Maskovskaya Oblast

C KUC Kucino  
MOS Moscow (MOS)

## Murmanskaya Oblast

APA Apatity (MOS)

## Novosibirskaya Oblast

NVS Novosibirsk (MOS)

## Sakhalinskaya Oblast

C ESU Uglegorsk (Esutoru)

C GOY Gornyy

C KOS Kosmodemyansk

KUR Kurilsk (MOS)

C LES Lesozovodsk

MAU Motuo (SAKL)

OKH Okha (SAKL)

C OOT Ootomori

C OTI Otiai

REI Reidovoe (SAKL)

SHO Shikoton (SAKL)

SIU Simushir (SAKL)

C SKK Sikko

SKR Severo-Kurilsk (MOS)

TYV Tymovskoe (MOSR)

UGL Uglegarsk (SAKL)

YSS Yuzhno-Sakhalinsk (MOS)

YUK Yuzhno-Kurilsk (SAKL)

## Sverdlovskaya Oblast

ARU Arli (MOS)

SVE Sverdlovsk (Ekaterinburg) (MOS)

## Buryatskaya ASSR

R ANKS Angarakon (MOSR)

BDN Bodon (MOSR)

KAB Kobonsk (MOSR)

KMO Kumoro (MOSR)

KPC Khapcheranga (MOSR)

R KVO Kovokto (MOSR)

C KYA Kyakhta

MOY Mondy (MOS)

NIZ Nizhne-Angarsk (MOSR)

NLY Nelyoty (MOSR)

R ORA Oran (MOSR)

ORL Orlik (MOSR)

R OZE Ozerneye (MOSR)

R SVBS Severo-Boykovsk (MOSR)

R SVK Severo-Muysk (MOSR)

R TNL Tonnelnyy (MOSR)

R UKT Uakit (MOSR)

R YOA Uoyan (MOSR)

ZAK Zakomensk (MOS)

R ZIP Tsipikon (MOSR)

## Checheno-Ingushskaya ASSR

GRO Groznyy (MOS)

## Dagestanskaya ASSR

R AKT Akhty (MOSR)

R DRN Derbent (MOSR)

MAK Makhochkolo (MOS)

R MNAS Monas (MOSR)

## Tuvinskaya ASSR

R ERNS Erzin (MOSR)

R TEL Teli (MOSR)

UER Ust-Elegest (MOS)



U.S.S.R.--Continued

R.S.F.S.R.--continued

Yakutskaya ASSR  
 R BTGS Botagay (MOSR)  
 R CES Cherskiy (MOSR)  
 R CGD Chogdo (MOSR)  
 R CLNS Chulman (MOSR)  
 R KHG Khandyga (MOSR)  
 TIK Tiksi (MOS)  
 R TUG Tungurcho (MOSR)  
 R UNR Ust-Nera (MOSR)  
 YAK Yakutsk (MOS)

Tajik S.S.R.

C AUR Aurokhmat  
 R BLD Boldzhuon (MOSR)  
 R BZN Bogi-Zagon (MOSR)  
 CGT Chuian-Goron (MOSR)  
 C CHS Chusal  
 R CSD Chor-Sady (MOSR)  
 DSH Dushanbe (Stalinabad) (MOS)  
 DZE Dzherino (MOSR)  
 C DZH Dzhafr  
 DZT Dzhihgatal (MOSR)  
 GAR Garm (MOS)  
 C GAY Galvasay  
 C GIS Gissar  
 R IGR Igron (MOSR)  
 ISH Ishitan  
 C KDK KhadzhiKent  
 KHO Khorog (MOS)  
 C KHR Khorogon  
 KLD Kalaidasht (MOSR)  
 R KMAS Komorou (MOSR)  
 R KMSS Kamsamalabad (MOSR)  
 R KNR Kangurt (MOSR)  
 KRU Karasu (MOSR)  
 KUL Kulyab (MOS)  
 LNA Lyangar (MOSR)  
 MUR Murgab (MOSR)  
 C NAP Napay  
 C NRK Nurek  
 OBG Obigarm (MOSR)  
 R PSV Peshtova (MOSR)  
 R RAG Ragun (MOSR)  
 R RGR Regar (MOS)  
 C SAT Sang-Tuda  
 R SHTS Shaartuz (MOSR)  
 C SMT Sultan-Mazar  
 R SN1 Shing (MOSR)  
 C TDT Tavit-Dara  
 C TUR Turbat  
 URT Ura-Tyube (MOSR)  
 C YAT Yaldymych  
 C ZIM Zimchurud

Turkmen S.S.R.

R AGAS Argan-Ata (MOSR)  
 ASH Ashkhobad (MOS)  
 C BAT Bayram-Ali  
 R CAGS Chogyl (MOSR)  
 R CHDS Chardzhou (MOSR)  
 R GAUS Gyours (MOSR)  
 R KAH Kaushut (MOSR)  
 KAT Kizyl-Arvat (MOS)  
 R KRF Krasnovodsk (MOSR)  
 R MNYS Manysh (MOSR)  
 C MRY Mary  
 R SA1 Sorykul (MOSR)  
 VAN Vannavskaya (MOS)

Ukrainian S.S.R.

ALU Alushta (MOSR)  
 CRA Chernavtsy (MOSR)  
 C CRB Chernovtsy  
 FEO Feodosiya (MOSR)  
 R KSV Kosov (MOSR)  
 LVV Lvov (Lemberg) (MOS)  
 R MEZ Mezghorye (MOSR)  
 C MKY Makeyevka  
 R MRSS Morshin (MOSR)  
 RAK Rakhov (MOSR)  
 C SEV Sevastopol  
 SIM Simferopol (MOS)  
 UZH Uzhgorod (Unuar) (MOS)  
 YAL Yalta (MOSR)

Uzbek S.S.R.

AGL Agalyk (MOSR)

U.S.S.R.--Continued

Uzbek S.S.R.--continued

R ANE Angren (MOSR)  
 ANR Andizhon (MOS)  
 R CIMS Chimgan (MOSR)  
 DZI Dzhizak (MOSR)  
 R DZN Dzhangel'dy (MOSR)  
 FRG Fergona (MOSR)  
 C LNC Lunacharskoye  
 C MUS Muskinabad  
 NAM Nomangan (MOSR)  
 R NUKS Nukus (MOSR)  
 NUT Nurota (MOSR)  
 SAM Samarkond (MOS)  
 TAS Tashkent (MOS)  
 R TERS Termez (MOSR)  
 R TMD Tomdybulok (MOSR)

VIETNAM

BGV Bac-Giang (PLV)  
 R DLV Do Lat (PLV)  
 HBVN Hoa-Binh (PLV)  
 NHA Nha Trang (PLV)  
 PLV Phu-Lien (Kien-An) (PLV)  
 C SPV Sa-Pa (PLV)  
 TQV Tuyen-Quang (PLV)

TABLE 3  
ATLANTIC OCEAN/ARCTIC OCEAN

REGIONS

AZORES

ADH Angra do Heroismo (PDA)  
AGA Aguaiua (PDA)  
ASBA Santa Barbara (PDA)  
CALA Caldeira (PDA)  
CML Cho de Maceia (PDA)  
FAC Fajo de Cimo (PDA)  
FRA Furnas (PDA)  
HOR Horta (PDA)  
LFA Logoo do Fogo (PDA)  
MTSA Monte Escuro (PDA)  
PDA Ponta Delgada (PDA)  
RIA Ribeira do Aeiro (PDA)  
RIB Ribeirinha (PDA)  
R SAZ Santa Moria Island (PDA)  
SDCA Salto do Covale (PDA)  
VIF Vila Franca (PDA)

BERMUDA

BEC Bermudo--Columbia  
C BEN Bermudo--Navy

CANARY ISLANDS

GGC (MDD)  
TBT Taburiente (MDD)  
TEN Tenerife (MDD)  
VVD Volverde (MDD)

FALKLAND ISLANDS

C PSF Port Stanley

GREENLAND

C CCG Camp Century  
DAG Danmarkshavn (COP)  
GDH Godhavn (COP)  
C IC-GL Ice Cap (LRSM)  
C ILG Inge Lehmann  
C IVI Ivigtut (COP)  
KTG Kap Tabin (COP)  
C NOR Nord (COP)  
C SCO Scoresbysund (COP)  
C TE-GL Thule (LRSM)  
C THU Thule

ICELAND

AKU Akureyri (REY)  
EGI Egilsstadir  
REY Reykjavik (REY)  
SID Sido (REY)  
C VIK Vik (REY)

JAN MAYEN ISLAND

JMI Jon Mayen (BER)  
JNE Jon Mayen East (BER)  
JNW Jon Mayen West (BER)

MADEIRA ISLANDS

FUL Funchol (INMG)

SOUTH GEORGIA

KEP King Edward Point

SVALBARD

EO1 Edge Oya (SLM)  
R HSP Hornsund (WAR)  
C ISF Isfjord  
KBS Kingsboy (BER)

AUSTRALASIA

AUSTRALIA

Australian Cap. Terr.  
CAN Canberra (CAN)  
CNB Canberra Magnetic Observatory (AUST)  
R KOW Kowen Forrest (AUST)

Macquarie Island  
MCQ Macquarie Island (AUST)  
C MQI Macquarie Island (AUST)

New South Wales  
AVO Avon (CAN)  
BWA Boorowa (CAN)  
C CAB Cobramurro (CAN)  
CAH Castle Hill (CAN)  
CBR Cobramurro (CAN)  
CMS Cobar Meteorology Station (AUST)  
COO Cooney (Armidale) (AUST)  
C DLN Dalton (CAN)  
C GEE Geehi (CAN)  
C HLA Hall's Lagoon (CAN)  
C INV Inverloch (CAN)  
R IVY Inverloch (CAN)  
C JIN Jindabyne (CAN)  
JNL Jenolan (CAN)  
KHA Khancoban (CAN)  
LER Lerida (CAN)  
C MBA Mount Bingar (CAN)  
C MEA Menteagle (CAN)  
MEG Meongara (AUST)  
RIV Riverview  
SBR South Blackrange  
STK Stephens Creek (AUST)  
C SYD Sydney  
TAO Talbingo (CAN)  
WAM Wamboora (CAN)  
WER Werambi (CAN)  
C WYA Wyangala (CAN)  
YOU Young (CAN)

Norfolk Island  
C NIA Norfolk Island (AUST)

Northern Territory  
C ASP Alice Springs (AUST)  
ASPA Alice Springs (AUST)  
C DAR Darwin (AUST)  
MTN Manton (AUST)  
R WB0 Worramunga Array (CAN)  
WB2 Worramunga Array (CAN)  
WB3 Worramunga Array (CAN)  
WB4 Worramunga Array (CAN)  
R WB5 Worramunga Array (CAN)  
R WB6 Worramunga Array (CAN)  
WB7 Worramunga Array (CAN)  
R WB8 Worramunga Array (CAN)  
R WB9 Worramunga Array (CAN)  
WCB Worramunga Array (CAN)  
R WR0 Worramunga Array (CAN)  
WR2 Worramunga Array (CAN)  
WR3 Worramunga Array (CAN)  
WR4 Worramunga Array (CAN)  
WR5 Worramunga Array (CAN)  
R WR6 Worramunga Array (CAN)  
R WR7 Worramunga Array (CAN)  
R WR8 Worramunga Array (CAN)  
R WR9 Worramunga Array (CAN)  
WRA Worramunga Array (CAN)  
WRB Worramunga Array (CAN)

Queensland  
BRS Brisbane (BRS)  
CTA Charters Towers (BRS)  
CTAO Charters Towers (BRS)  
ISO Mount Isa  
C KDA Kurando (BRS)  
RMO Roma (AUST)  
R RTO Roma (AUST)  
C TVL Townsville (BRS)  
C WPA Woody Point

South Australia  
ADE Adelaide (Mount Bonython) (ADE)  
CLV Cleve (ADE)  
R EDO Endillioe (ADE)  
R HKN Hawks Nest (ADE)  
HTT Hallett (ADE)  
C ILN Island Lagoon (ADE)  
PNA Portacoono (ADE)

AUSTRALIA--Continued

South Australia--continued  
R RPA Roopena (ADE)  
C SNL Sevenhill (ADE)  
R TWOA Tennyson Woods Observatory (Adelaide)  
UMB Umberatano (ADE)  
WKA Willalooka (ADE)  
R WSA Woomera (ADE)

Tasmania  
BNE Burnie High School  
C FNT Fort Nelson (Hobart) (TAU)  
C LMT Lemonthyme (TAU)  
MOO Moorlands (TAU)  
R OTN Queenstown (TAU)  
SAV Savonah (TAU)  
SFF Sheffield (TAU)  
SPK Scotts Peak (TAU)  
STG Strathgordon (TAU)  
SVR Savage River (TAU)  
TAU Tasmania University (TAU)  
TRR Tarraleah (TAU)

Victoria  
BFD Bellfield (AUST)  
C BOV Bogong (CAN)  
C BUV Buchan (CAN)  
DRT Dartmouth  
GVL Greenvale  
MEL Melbourne (AUST)  
C MTV Mount Tassie (CAN)  
TOO Toolongi (AUST)

Western Australia  
BAL Ballidu (AUST)  
R DAM Dampier (AUST)  
C GLS Giles (AUST)  
C KAA Karratha (AUST)  
KLB Kellerberrin (AUST)  
KLG Kalgoorlie (AUST)  
R KLGA Kalgoorlie (AUST)  
KNA Kununurra (AUST)  
MBL Marble Bar (AUST)  
C MBT Marble Bar--Town (AUST)  
MEK Meekatharra (AUST)  
MRWA Morawa (AUST)  
MUN Mundaring (AUST)  
NAU Nanutarra (AUST)  
R NDA Nedlands  
NWA Norrogin (AUST)  
NWA0 Norrogin (AUST)  
C PER Perth  
RKG Rocky Gully (AUST)  
SWV Swan View (AUST)  
C WA1 Wongon Hills (AUST)  
WA2 Wagin (AUST)  
WA3 Talbot Brook (AUST)  
C WAT Watheroo (AUST)  
WBN Warburton (AUST)

NEW ZEALAND

Campbell Island  
CBZ Campbell Island (WEL)

Chatham Islands  
CIZ Chatham Islands (WEL)

Kermadec Islands  
RAO Roou (WEL)

North Island  
C ARA Arapuni (WEL)  
AUC Auckland (WEL)  
R BHW Boring Head (WELW)  
R BLW Big Hill (WELW)  
C BUN Bunnythorpe (WEL)  
CAW Cannon Point (WELW)  
CAZ Castlepoint (WEL)  
CNZ Chateau (WEL)  
CRZ Cape Reinga (WEL)  
C DNN Donnevirk (WEL)  
R DRZ Dome Shelter (WEL)  
C ECZ East Cope (WEL)  
GBZ Great Barrier (WEL)  
GNZ Gisborne (WEL)  
C GSZ Glacier Shelter (WEL)  
C HAS Hastings (WEL)

NEW ZEALAND--Continued

North Island--continued

R HATZ Hinemaiaia (WELT)  
R HBZ Hicks Bay (WEL)  
R HITZ Hingarae (WELT)  
C HNZ Havelock North (WEL)  
R HUTZ Huko (WELT)  
R KETZ Ketetahi (WELT)  
KIW Kapiti Island (WELW)  
KRP Karopiro (WEL)  
R MGZ Maungaku (WEL)  
MNG Mangahao (WEL)  
R MOW Maikau (WELW)  
R MRW Makara Radio (WELW)  
MTW Mount Morrison (WELW)  
R NEZ North Egmont (WEL)  
NGZ Ngauruhoe (WEL)  
C NPR Napier (WEL)  
C NPZ New Plymouth (WEL)  
C ONE Onerahi (Whangarei) (WEL)  
R RATZ Rangitukua (WELT)  
U RBY Rainbow Mountain (WEL)  
R RGZ Rangipa (WEL)  
C ROS Roseneath (WEL)  
C ROT Rotorua (WEL)  
R SKZ South Karori (WEL)  
SNZO South Karori (WEL)  
C STN Seatoun (WEL)  
C STZ Stratford (WEL)  
R TAZ Tarawera (WEL)  
C TNZ Torata (WEL)  
C TON Tangarira (WEL)  
TRZ Taradale (WEL)  
TUA Tuai (WEL)  
R TUTZ Tahingomata (WELT)  
R WDW Wainui Dam (WELW)  
WEL Wellington (WEL)  
U WGZ Waimangu (WEL)  
WHW Wrights Hill (WELW)  
WIZ White Island (WEL)  
C WNZ Wairakei (WEL)  
WTZ Whakatane (WEL)

South Island

BRZ Borland Lodge (WEL)  
C BSP Bush Stream (WELP)  
CCW Cape Campbell (WELW)  
C CHR Christchurch (WEL)  
CMZ Cashmere (WEL)  
COB Cobb River (WEL)  
R CYZ Clyde (WEL)  
C DMP Diadem (WELP)  
DND Dunedin-Penfold  
C DNS Denniston (WEL)  
DNZ Dunedin (WEL)  
C FLW Faulwind (WEL)  
C GLE Glenmuick (WEL)  
C GPZ Gebbies Pass (WEL)  
C GRY Greymouth (WEL)  
C GSP Gladstone Stream (WELP)  
C HGP Huxley Gorge (WELP)  
C HHP Hagget Hill (WELP)  
KAI Kaimata (WEL)  
C KKY Kaikoura West (WEL)  
KKZ Kaikoura (WEL)  
R MHZ Mount Harn (WEL)  
C MJP Mount John Pukaki (WELP)  
C MJZ Mount John (WEL)  
C MMP Mount Mary (WELP)  
C MNW Monawai (WEL)  
MSZ Milford Sound (WEL)  
OMZ Oamaru (WEL)  
C PPZ Puysegur Point (WEL)  
C RHP Rhobara Hills (WELP)  
C ROX Raxburgh (WEL)  
RTY Roto-iti (WEL)  
C TAK Takaka (WEL)  
TCW Tary Channel (WELW)  
C THP Tara Hills (WELP)  
TMP Tamahawk Gully (WELP)  
C WAI Wairiri (Glentunnel) (WEL)  
C WPZ Waipapa Point (WEL)

Stewart Island

OBZ Obon (WEL)

## CARIBBEAN SEA

ANGUILLA		JAMAICA--Continued	
R SWIP	Sombrero (PAL)	C KIN	Kingston
ANTIGUA AND BARBUDA		R MBJ	Montego Bay (Kempshot) (TRN)
R 06A	East Barbudo O.B.S. (TRN)	MCJ	Munro College (Molvern St. Elizabeth) (TRN)
Antigua		R NCJ	New Costle (TRN)
ANG	Antigua (Friars Hill) (TRN)	PAJ	Port Antonio (TRN)
C AWI	Antigua (TRN)	PCJ	Portland Cottage (TRN)
BPA	Boggy Peak (TRN)	PRJ	Port Royal (TRN)
Barbudo		R SPJ	Spur Tree (TRN)
BWI	Barbudo (Highland Field) (PAL)	STH	Stony Hill (TRN)
CPB	Codrington (TRN)	R YHJ	Yallohs (TRN)
BARBADOS		MARTINIQUE	
BDH	Highclere (TRN)	C ALL	Aileron (FDF)
BDS	Barbados (Husbands) (TRN)	BIM	Bigot (FDF)
C BRB	Barbados (Codrington) (TRN)	R BVM	Bellevue (FDF)
CAYMAN ISLANDS		CRM	Corovelle (FDF)
GCM	Grand Cayman	CXM	Morne Lo Croix (FDF)
CUBA		FDF	Fort de France (Morne des Cadets) (FDF)
C GBC	Guantanamo Bay	R MPM	Mont Pele (FDF)
C GM-CU	Guantanamo (LRSM)	MVM	Montagne du Vouclin (FDF)
RCC	Rio Carpintera	R PAI	Pelee Aileron (FDF)
SOR	Soraa	PCM	Pelee Case Petit (FDF)
DOMINICA		R PDM	Pelee Desile (FDF)
BBL	Barbers Block (Morne Espagnol) (TRN)	PMCB	Pelee Morne Colebasse (FDF)
DOM	Dominica (Roseau)	PML	Pelee Morne Lenard (FDF)
MDN	Morne Daniel (TRN)	SVN	Savane Anotale (FDF)
DOMINICAN REPUBLIC		MONTserrat	
SDD	Santa Domingo (Ciudad Trujillo)	MGH	Saint George's Hill (TRN)
GRENADA		C MWI	Montserrat (Grove) (TRN)
GRE	Grenada (Saint George's) (TRN)	NETHERLANDS ANTILLES	
GRW	Mount St. Catherine (TRN)	MRN	Sint Maarten (PAL)
GUADELOUPE		R SBN	Saba (PAL)
BCG	Bois Riant Capesterre (FDF)	PUERTO RICO	
BTG	Bosse Terre (Fort St. Charles) (FDF)	APR	Arecibo (USGS)
CRG	Carmichael (FDF)	C CAG	Caguas (USGS)
DOG	Dongo Capesterre (FDF)	CCA	Coamo (USGS)
R FBG	Trois Rivières (FDF)	CDP	Cerro de Punto (USGS)
R IAG	Institut Agronomique (FDF)	R CGV	Camp Garcia (PAL)
R MBG	Motoubo (FDF)	CPD	Cerro la Pandura (USGS)
MGG	Marie Galante (FDF)	CSB	Colonia Sabana (USGS)
MLG	Mont-d'Or Baillif (FDF)	CSJ	Cape San Juan (PAL)
PAG	Le Pornosse (FDF)	CUP	Culebro (PAL)
SCG	Saint Claude (FDF)	C DOS	Das Bacas Dam (USGS)
SEG	Port Louis (FDF)	C EYP	El Yunque (USGS)
SFG	Saint Francois (FDF)	IDE	Isla Desecheo (USGS)
SSG	Sans Toucher (FDF)	IMO	Isla Mono (USGS)
TAG	Tarade (FDF)	C IMR	Isla Mono (USGS)
R TVG	Trois Rivières (FDF)	LPR	La Peregrina (USGS)
HAITI		LRS	Lores (USGS)
C SSM	Seminaire Saint Mortier	LSP	Las Mesas (USGS)
JAMAICA		MCP	Moco (USGS)
BBJ	Bamboo St. Ann (TRN)	MGP	Maguaya (USGS)
C BEV	Beverley (TRN)	MOV	Morovis (USGS)
C BRJ	Black River (TRN)	MPR	Mayaguez
GWJ	Greenwich (TRN)	MTP	Monte Piroto (PAL)
HOJ	Hope (Mona) (TRN)	PNP	Penuelos (USGS)
C HOP	Hope (TRN)	C PON	Ponce (USGS)
		PTP	Puerto Puerco
		C PWP	Barrio Florido (PAL)
		C PZ-PR	Ponce (LRSM)
		RRD	Roosevelt Roads (PAL)
		C RRP	Roosevelt Roads
		SJG	San Juan (NEIS)
		SJGC	Coyey (USGS)
		C SJP	San Juan (NEIS)
		C VOS	Vieques (NEIS)
		SAINT CHRISTOPHER-NEVIS	
		Nevis	
		NEV	Hard Times Estate (TRN)
		Saint Christopher	
		BSK	Brimstone Hill (TRN)
		SKI	Saint Kitts (Bayfords) (TRN)
		R STKP	St. Kitts (PAL)

TABLE 3  
CARIBBEAN SEA

REGIONS

SAINT LUCIA

SLB Belfond (TRN)  
C SLI Saint Lucie (Vigie Point) (TRN)  
SLW Petit Monier (TRN)

ST. VINCENT AND THE GRENADINES

Saint Vincent

BHS Barnard House (TRN)  
FCV Fort Charlotte (TRN)  
R OHS Orange Hill (TRN)  
RSV Radio Antilles (TRN)  
SOA Owia (TRN)  
R SRH Rilland Hill (TRN)  
R SSV Croter Summit (TRN)  
SVB Belmont (TRN)  
R SVG Indian Gallows (TRN)  
C SVI Saint Vincent (Questelles Point) (TRN)  
R SVL Baleine (TRN)  
SVT Saint Vincent (Camden Park) (TRN)  
SVV Soufriere Volcano (Wallibou) (TRN)

SWAN ISLAND

C SWA Swan Island

TRINIDAD AND TOBAGO

Tabago

BOT Bacalet (TRN)  
GNG Grange (TRN)  
PIG Pigeon Point (TRN)  
PLY Plymouth (TRN)  
R SIH Signal Hill (TRN)  
R TOB Tabago (Crown Point) (TRN)  
TPR Prospect (TRN)

Trinidad

C PLS Point Lisas (TRN)  
TBH Brigand Hill (TRN)  
TCE Chacachacare (TRN)  
TPP Pointe-a-Pierre (TRN)  
TRN Trinidad (Saint Augustine) (TRN)  
TTR Matura (TRN)

VIRGIN ISLANDS

ABV Anegada (PAL)  
CGPV Cottangarden Point (PAL)  
R GPV Virgin Gorda Peak (PAL)  
SCV Saint Croix (PAL)  
SJV Saint John (PAL)  
VST Saint Thomas (PAL)

## COSTA RICA

A10 Croter (ICRE)  
 ACR Cerro Adams (SJR)  
 AR1 Volcan Arenol (ICRE)  
 AR2 Logo de Cote (ICRE)  
 AR3 Tierras Morenos (ICRE)  
 AR4 Solanio (ICRE)  
 AR5 Santa Elena (ICRE)  
 AR6 Chiripo (ICRE)  
 AR7 Cabo Frio (ICRE)  
 AR8 Nicoya (ICRE)  
 AR9 Volcan Norte (ICRE)  
 BUS Buena Vista (SJR)  
 CAO Cobano (HDC)  
 CDM Cerro de la Muerte (HDC)  
 R CTCR Coton (HDC)  
 R CUV Cerro Uvita (HDC)  
 EPA Esparzo (HDC)  
 C HDC Heredia (HDC)  
 HDC2 Heredia (HDC)  
 ICR Volcan Irazu (SJR)  
 R IDC Isla del Cano (HDC)  
 C IRZ Volcan Irazu (HDC)  
 IRZ2 Volcan Irazu (HDC)  
 JCR Jicaral (SJR)  
 JUD Juan Diaz (HDC)  
 C LCR La Lucha (SJR)  
 LCR2 La Lucha 2 (SJR)  
 R LICR Limon (HDC)  
 LIO Limon (SJR)  
 C LLC La Lucha Farm (SJR)  
 PBC Punta Burica (HDC)  
 PDA Paas (HDC)  
 PTCR Patenciana (HDC)  
 R PUC Puriscal (SJR)  
 R PUJ Puerto Jimenez (SJR)  
 QCR Quepos (SJR)  
 QPS Quepos (HDC)  
 RIN Volcan Rincon de la Vieja (HDC)  
 SDS Sanataria Duran (SJR)  
 C SJR San Jose (SJR)  
 SJS San Jose (SJR)  
 C SPS San Pedro de Paas (SJR)  
 SRA San Ramon (SJR)  
 R TIG Tigre (HDC)  
 R TUI Turrialba (HDC)  
 VCR Vista de Mar (SJR)  
 C VPS Volcan Paas (SJR)  
 VPS2 Volcan Paas 2 (SJR)

## EL SALVADOR

AHU Ahuachapam (SSS)  
 C AYA Ayaguala  
 LPS La Palma (SSS)  
 C NCS Nueva Concepcion (SSS)  
 SDM Santiago de Maria (SSS)  
 SSS San Salvador (SSS)

## GUATEMALA

BVA Buena Vista (GCG)  
 BVG Bougainvillea (GCG)  
 CIM Chimachoy (GCG)  
 R CMG La Cumbre (GCG)  
 FGO Fuego (GCG)  
 R FLS Los Flores (GCG)  
 GCG Guatemala City (GCG)  
 ITG Itzapa (GCG)  
 IXG Ixtaco (GCG)  
 JAT Jato (GCG)  
 JMG Jumaytepeque (GCG)  
 R JNJ Junjel (GCG)  
 KIK Kika Raxquin (GCG)  
 R KJA Kiajanaja (GCG)  
 KKG Kukul (GCG)  
 LHG La Concha (GCG)  
 R LTC Las Tablonas (GCG)  
 LVG La Victoria (GCG)  
 MMG Magdalena Milpos Altos (GCG)  
 MRL Marmol (GCG)  
 MIT Moyuto (GCG)  
 NBG Los Nubes (GCG)  
 OCG Ocos (GCG)  
 R OLG Olintepeque (GCG)  
 PSG Puerta de San Jose  
 QZG Quezaltepeque (GCG)

## GUATEMALA--Continued

RDG Robinal (GCG)  
 REC Recreo (GCG)  
 R SBL Soctichol (GCG)  
 R SJT San Juan Tecuaco (GCG)  
 R SLG Sinonel (GCG)  
 SLP San Antonio La Paz (GCG)  
 TEP Tecpan (GCG)  
 TER Terranova (GCG)  
 TP2 Tecpan 2 (GCG)  
 VLG Velosquez (GCG)  
 YUP Yupiltepeque (GCG)  
 ZIS Zishin (GCG)

## HONDURAS

SSU San Pedro Sula (HKT)

## NICARAGUA

ACY Acoyapa (APY)  
 APY Apoyeque (APY)  
 C ASE Aserradero (APY)  
 BOA Boaco (APY)  
 CNR Chanca (APY)  
 COS Casiguino (APY)  
 C CYN Coyotepe (APY)  
 JIG Jinatega (APY)  
 LIY Limay (APY)  
 LNB Las Nubes (APY)  
 MCH Masachapa (APY)  
 MMO Media Mundo (APY)  
 OME Ometepe (APY)  
 PYN Panelaya (APY)  
 PYT Playitas (APY)  
 RTN Rota (APY)  
 SSN San Juan del Sur (APY)  
 C VER Veracruz (APY)

## PANAMA

C BHP Balboa Heights  
 C FH-PM Fort Sherman (LRSM)  
 UPA Universidad de Panama

## EUROPE

## ALBANIA

FRZ Fierza (TIR)  
 KBN Korca (TIR)  
 KKS Kukes (TIR)  
 KMA Kam (TIR)  
 PHP Peshkapi (TIR)  
 PUK Puka (TIR)  
 SDA Shkodra (TIR)  
 SRN Saranda (TIR)  
 TIR Tirana (TIR)  
 VLO Vlora (TIR)

## AUSTRIA

GHA Glashutten (VIE)  
 C GRA Graz (Steiermark)  
 IBK Innsbruck (FUR)  
 C INN Innsbruck  
 KBA Barrage Koeinbrein (VIE)  
 KFA Klagenfurt (VIE)  
 KMR Kremsmuenster (VIE)  
 R LTA Leoben (VIE)  
 MOA Molin (VIE)  
 MZA Mariazell (VIE)  
 OGA Obergurgl (FUR)  
 PIA Pitten (VIE)  
 SCE Schlegeis (FUR)  
 VIE Vienna--Hahe Warte (Wien--Hahe Warte) (VIE)  
 VKA Vienna--Kobenzl (Wien--Kobenzl) (VIE)

## BELGIUM

DOU Dourbes (UCC)  
 GIP Gileppe (UCC)  
 MEM Membach (UCC)  
 SNF Seneffe (UCC)  
 UCC Uccle (UCC)  
 WRM Warmifontaine (UCC)

## BULGARIA

DIM Dimitrovgrad (SOF)  
 JMB Yambol (SOF)  
 KDZ Kurdzhali (SOF)  
 MMB Musamishta (SOF)  
 PLD Plavdiv (SOF)  
 PSN Preselentsi (SOF)  
 PVL Pavlikeni (SOF)  
 SOF Sofia (SOF)  
 VTS Vitasha (SOF)

## CZECHOSLOVAKIA

C BRA Bratislava (BRA)  
 C CHE Cheb (Eger) (PRU)  
 HRB Hurbanovo (Ogyalla, Stara Dala) (BRA)  
 KHC Kasperske Hory (PRU)  
 PRA Prague (Praha)  
 PRU Pruhonice (PRU)  
 SPC Skalnate-Pleso (BRA)  
 SRO Srobarova (BRA)  
 ZST Bratislava--Zelezna Studnicka (BRA)

## DENMARK

COP Copenhagen (COP)  
 MUD Monsted Underground (COP)

## EIRE

DCN Croghan (DIAS)  
 DDK Dunsink Observatory (DIAS)  
 DKM Kilmashogue (DIAS)  
 DLE Lyons Estate (DIAS)  
 DMU Kingscourt (DIAS)  
 C DUB Dublin (Rathfarnham Castle)  
 ECB Carrickbyrne Hill (DIAS)  
 ECP Carnsore Point (DIAS)  
 ETA Tora (DIAS)  
 VAL Valentia

## FED. REP. OF GERMANY

HLG Helgoland

## Baden-Wuerttemberg

BUH Buehlerhaehe (KRW)  
 FEL Feldberg in Schwarzwald (KRW)  
 FWS Furtwangen (Schwarzwald) (KRW)  
 HEI Heidelberg (Konigstuhl) (STU)  
 C HOH Hohenheim (STU)  
 HUN Hundersingen (STU)  
 KRL Karlsruhe  
 KRW Karlsruhe--West (KRW)  
 MSG Moessingen (STU)  
 MSS Messtetten (STU)  
 NEI Neipperg  
 RAV Ravensburg (STU)  
 STU Stuttgart (STU)  
 C TUB Tuebingen (STU)

## Bayern

BHG Bad Reichenhall (FUR)  
 FUR Fuerstenfeldbruck (FUR)  
 GAP Garmisch-Partenkirchen (FUR)  
 C GG-GR Graefenberg (LRSM)  
 GRA1 Graefenberg Array (Haidhof) (GRF)  
 GRA2 Graefenberg Array (Wildenfels) (GRF)  
 GRA3 Graefenberg Array (Leutzdorf) (GRF)  
 GRA4 Graefenberg Array (Staeppach) (GRF)  
 GRA5 Graefenberg Array (GRF)  
 GRB1 Graefenberg Array (Bruennthal) (GRF)  
 GRB2 Graefenberg Array (Reichertswinn) (GRF)  
 GRB3 Graefenberg Array (Eglhafen) (GRF)  
 GRB4 Graefenberg Array (Aicha) (GRF)  
 GRB5 Graefenberg Array (Varderaedberg) (GRF)  
 GRC1 Graefenberg Array (Eglafsdorf) (GRF)  
 GRC2 Graefenberg Array (Boehmfeld) (GRF)  
 GRC3 Graefenberg Array (Bettbrunn) (GRF)  
 GRC4 Graefenberg Array (Raitenbuch) (GRF)  
 GRF Graefenberg Array (Erlangen) (GRF)  
 GRFO Graefenberg (GRF)  
 HOF Hof (FUR)  
 C MNH Munich (FUR)  
 C NRD Noerdlingen (FUR)  
 WET Wettzell (FUR)

## Berlin (West)

BRL Berlin--Free University  
 BRN Berlin

## Hamburg

HAM Hamburg

## Hessen

ESP Espenschied  
 C JUG Jugenheim  
 TNS Taunus

## Niedersachsen

CLZ Clausthal  
 GTT Goettingen

## Nordrhein-Westfalen

C AAC Aachen  
 BEG Bergheim (BNS)  
 BNS Bensberg (BNS)  
 BOC Bochum  
 BUG Bochum--University  
 CLG Cologne (Koein) (BNS)  
 GSH Grosshau  
 HOK Hohkeppel (BNS)  
 JCK Jackerath  
 JUE Juelich (BNS)  
 KLL Kalltalsperre (BNS)  
 C MEC Mechernich  
 MWG Muenster--Westfalen  
 PLH Pulheim  
 STB Steinbach (BNS)

## Rheinland-Pfalz

BGG Burg Eltz (BNS)  
 KOE Koppel  
 PIR Pirmasens (KRW)

## FINLAND

HEL Helsinki (Helsingfors) (HEL)  
 C JOE Joensuu (HEL)  
 R JOF Jaensuu (HEL)



## EUROPE

## FINLAND--Continued

R JYSA  
 R JYV Jyvoskylä (HEL)  
 KAF Kangasniemi (HEL)  
 KEF Keuruu (HEL)  
 KEV Kevo (HEL)  
 KJF Kajaani (HEL)  
 C KJN Kajaani (HEL)  
 NUR Nurmijärvi (HEL)  
 OUL Oulu (HEL)  
 PKK Porkkalo (HEL)  
 R PRF Porvoo (HEL)  
 C PRV Porvoo (HEL)  
 R SIF Soorijärvi (HEL)  
 SOD Sodankylä (HEL)  
 SUF Sumiainen (HEL)

## FRANCE

R AVFP  
 R CHD  
 R WBF Wyntersberg

## Alsace

BAF Belacker (STR)  
 CDF Champ du Feu (LDG)  
 C GBF Grand Ballan  
 GWF Grand Wintersberg (STR)  
 R MOF Molkenrain  
 ROF Roppe (STR)  
 STR Strosbourg (STR)  
 WLS Welschbruch (STR)

## Artois

C LIL Lille

## Auvergne

CAF Calviac (LDG)  
 CFF Clermont-Ferrand  
 C PDD Puy-de-Dame  
 PLDF La Plantade  
 PYM Petit Puy de Manson (PAR)

## Beorn

ATE Arette (PAR)  
 BOH Bohocortio (PAR)  
 ESCF Escot (PAR)  
 ISSF Issorbe (PAR)  
 JAU Jaout (PAR)  
 LHE Lhers (PAR)  
 MADF Madeleine (PAR)  
 OGE Ogeu (PAR)

## Berry

HYF Humbligny (LDG)

## Bourbonnois

BGF Bois d'Agland (LDG)  
 SMF Signal de Mont (LDG)

## Bretagne

BST Brest

## Corsica

CVF Calvi (LDG)

## Dauphine

GRN Grenoble  
 C GRN\* Grenoble  
 MNY Monteynard (STR)  
 R PCHF Pas de la Coche

## Franche Comte

BES Besoncon (STR)  
 BSF Bollon de Servance (LDG)  
 C CNF Cerre les Noroy  
 HAU Houdampre (LDG)  
 VOU Vauglans (STR)

## Gascogne

C BDB Bogneres de Bigorre (STR)  
 EPF Esporras (LDG)  
 MLS Moulis (PAR)

## Guyenne

LFF La Frestal (LDG)  
 LPO Le Pauchou (LDG)

## FRANCE--Continued

## Ile de France

PAR Paris--Paris St. Mour (PAR)  
 VDM Villiers-Adam (PAR)

## Languedoc

C GGF Granges-Gontardes  
 SSB Saint Sauveur en Rue (PAR)

## Limousin

C ARH Archignac (LDG)  
 RJF Les Rejaudoux (LDG)

## Lorraine

ECH Echery (Ste.-Marie-aux-Mines) (PAR)  
 VITF Vittel (STR)

## Lyonnois

POU Pouilloux

## Maine

C LMF Le Mans  
 SGR Segre (PAR)

## Morbhe

LSF La Souterroine (LDG)  
 MZF Mazirat (LDG)  
 R SER Sermur (LDG)  
 TCF Toulx Ste. Croix (LDG)

## Nivernais

AVF Avriil sur Loire (LDG)  
 GRC Gorchy  
 LBF Les Buteaux (LDG)  
 LOR Lormes (Somee) (LDG)  
 MLV Molvaux  
 SSF Saint Saulge (LDG)  
 C SSF1 Saint Saulge (LDG)

## Normandie

FLN La Foliniere (LDG)  
 GRR Gorrion (LDG)  
 LDF La Druitiere (LDG)  
 C SSC Saint Sauveur de Carouges (LDG)

## Orleanois

C CLF Chambon-la-Forêt  
 LPF Le Pertre (LDG)

## Poitou

MFF Saint Martin du Fouilloux (LDG)

## Provence

R AUTN L'Aution (STR)  
 R CALN Colern (STR)  
 CDR Cadaroche  
 C CMF Connet des Maures  
 FOUF Fouillouse  
 FRF La Forêt Royale (LDG)  
 ISO Isola  
 LMR La Mourre (LDG)  
 LRG Lorgues (LDG)  
 C MAR Marseilles  
 R PRAF Pradon (STR)  
 ROG Rognes  
 C ROU Rougiers  
 R SBF Sospel (LDG)  
 R SOU Souberache  
 C SPF Saint Poul-en-Forêt (LDG)  
 R SURF Saint Ours  
 R TAVF Tavernes (STR)

## Roussillon

SMCF

## Savoie

R BOF Bonneval (LDG)  
 LNS Lonslevillard (STR)  
 LPG La Plagne (LDG)  
 RSL Roselend (STR)

## GERMAN DEM. REP.

BRG Berggiesshubel  
 CLL Collimberg  
 HLE Halle  
 C JEN Jena  
 C LEI Leipzig

## EUROPE

## GERMAN DEM. REP.--Continued

MOX Moxo  
PLN Plauen  
POT Potsdam  
C SON Sonneberg

## GREECE

APE Apeiranthos of Naxos (ATH)  
ARG Arkhangelos (ATH)  
ATH Athens Observatory (ATH)  
GRG Griva (THE)  
ITM Ithomi (ATH)  
JAN Janino (ATH)  
KNT Kendrikon (THE)  
KZN Kozani (ATH)  
LIT Litakhoron (THE)  
OUR Ouranopolis (THE)  
PAIG Paliourion (THE)  
PAT Patros (ATH)  
PLG Polygyros (ATH)  
PRK Paraskevi (Lesbos) (ATH)  
PTL Penteli (ATH)  
C RHO Rhodes  
RLS Riolos of Patros (ATH)  
C SMS Samos  
SOH Sokhos (THE)  
SRS Serroi (THE)  
THE Thessaloniki (THE)  
R VAG Aggio Anna (BGS)  
R VFI Filoki (BGS)  
R VGL Glafiro (BGS)  
VLS Valsomota (Kephallenia) (ATH)  
R VMA Markatai (BGS)  
R VNE Neochorion (BGS)  
R VPA Pavliani (BGS)  
R VSI Simio (BGS)  
R VSK Skopelos (BGS)  
R VTH Erithroi (BGS)  
ZAN Zante

## Crete

NPS Neopolis (ATH)  
VAM Vamos (ATH)

## HUNGARY

BUD Budapest (BUD)  
C DEB Debrecen  
JOS Josvafa (BUD)  
C KAL Kalocsa  
KEC Kecskemet  
PSZ Piszkesteto (BUD)  
SOP Sopron (BUD)  
C SZE Szeged

## ITALY

## Abruzzo

AQU L'Aquila (ROM)  
C CLR Collurania

## Basilicata

GZI Ganzirri (MES)  
MEI Melilli (ROM)

## Calabria

ACI Arcavacata (ACI)  
CSI Cassano Ionio (ACI)  
CVI Copo Vaticano (OVO)  
CZI Monte Cocuzza (ROM)  
FSC Fuscolda (LLI)  
C MLE Mileto  
MMN Mormanno (ROM)  
OII Orti (MES)  
ORI Oriolo (ROM)  
RCI Reggio Calabria (ROM)  
ROI Rossano (ACI)  
C TRE Trente

## Campania

C BNV Benevento  
BSS Boronissi (ROM)  
C CAP Capodimonte  
C CSM Casamicciola (Isola d'Ischia)  
DPS Deserto Penisola Sorrentina (OVO)

## ITALY--Continued

## Campania--continued

MSC Monte Mossico (OVO)  
NPL Naples (Nopoli)  
OVO Osservatorio Vesuviano (OVO)  
C PDI Porto d'Ischia  
C PMP Pompeii  
SGG San Gregoria Matese (OVO)  
SGO Sicignano (ROM)

## Emilia-Romagna

BOL Bologna (ROM)  
BVT Borgo Val di Taro (GEN)  
C FAE Faenza  
PCN Piacenza

## Friuli-Venezia Giulia

BAD Bernadio (TRI)  
BOO Bordano (TRI)  
BUA Buia (TRI)  
COLI Collaredo (TRI)  
R FOA Forni Avoltri (TRI)  
MPRI Monte Prat (TRI)  
RBL Raibl (TRI)  
RCL Montereale Valcellina (TRI)  
C SMP Samplago  
TLM Tolmezzo  
TRI Trieste (Gratta Gigante) (TRI)  
C TRS Trieste (Campo Marzio)  
UDI Udine O.G.S. (TRI)  
C UDN Udine (ROM)

## Lazio

C CAS Cosamari  
C MCI Monte Cassino  
MNS Mont Asolo (ROM)  
POI Palina (ROM)  
RDP Rocca di Papa (ROM)  
RMP Rome (Monte Porzio Catone) (ROM)  
C ROM Rome (ROM)

## Liguria

C CHV Chiavari  
GEN Genoa (Genova) (GEN)

## Lipari Islands

ACL Alicudi (LLI)  
GIN Stromboli-Ginastro (LLI)  
LLI Lipari (LLI)  
PLI Panarea (LLI)  
USI Ustica (ROM)  
VPL Vulcano Piano (LLI)

## Lombardia

C MIL Milan  
PAV Pavia (ROM)  
SAL Sala (ROM)  
VAL Varesa (ROM)  
VG1 Voghera (ROM)

## Marche

ALP Ascoli Piceno  
ANS Ancona  
ARV Arcevia (ROM)  
C CMR Camerino (ROM)  
CRN Corinaldo (ROM)  
PRO Pesaro

## Molise

DUI Duronia (ROM)  
PTC Porta Cannone

## Piemonte

C DMD Domodossola  
C MNC Moncalieri  
ORO Orapo (ROM)  
PNI Pinerolo (GEN)  
ROB Roburent (GEN)  
STV Santo Anna di Valdieri (GEN)  
TNO Torino

## Puglia

BAI Bari  
BRT Bari-Castellano  
FOG Foggia  
LCI Lecce (ROM)  
C TAR Taranto  
TTI Taranto (ROM)

REGIONS

TABLE 3

EUROPE

ITALY--Continued

Sardinia	
CCI	Cagliari Citto (ROM)
CGL	Cagliari Serpeddi
C CRL	Corioforte
CUG	Cuglieri
R OLB	Oibia
Sicily	
CAT	Cotonio (CAT)
ERC	Erice (ROM)
FAI	Favara (ROM)
GIB	Gibilmanno (ROM)
MES	Messino (MES)
C MNE	Mineo
MSI	Messina I.N.G. (ROM)
MVT	Monte Vettore (CAT)
NOV	Novora (LLI)
PZI	Palazzolo Acreide (ROM)
Toscono	
BDI	Bogni di Lucca (ROM)
BSL	Borgo San Lorenzo
CRE	Caprese Michelangelo (ROM)
FIR	Firenze Ximeniano (Florence)
R FS1	Fosdinava (ROM)
C LIV	Livorno
MAO	Mante Argentaria (ROM)
C PIS	Pisa
PRT	Prato
C QCI	Quarta Castella
SIE	Siena (ROM)
Trentino-Alto Adige	
R BIE	Briane (TRI)
BLZ	Balzano
R CAV	Cavalese (TRI)
CKI	Caira Mantenotte (ROM)
CTI	Castella Tesina (ROM)
R DDS	Dasso del Sammo (TRI)
R PANI	Panaratta (TRI)
R RNI	Rancane (TRI)
Umbrio	
C AMI	Amelia (ROM)
ASS	Assisi (ROM)
C FOL	Faligno
PRG	Perugia (ROM)
Veneto	
R BALI	Baldo (TRI)
PAD	Padova (ROM)
C PDC	Pieve di Cadare
C TRV	Treviso
VAJ	Vajont (Belluno)
C VEN	Venice

LUXEMBOURG

LUX	Luxembourg
WLF	Wolferdange (UCC)

MALTA

MLT	Molto
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MONACO

MON	Monoco
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NETHERLANDS

DBN	De Bilt (DBN)
ENN	Epen (DBN)
HEE	Heerlen (DBN)
RSB	Rovensbos
WIT	Witteveen (DBN)
WTS	Winterswijk (DBN)

NORWAY

ASK	Askoy (BER)
BER	Bergen (BER)
FOO	Floro (BER)

NORWAY--Continued

FRO	Froyo (BER)
HYA	Hoyanger (BER)
KMY	Kormoy (BER)
KON	Kongsberg (BER)
KONO	Kongsberg (BER)
C KRK	Kirkenes (BER)
LHN	Lillehammer (BER)
C N10	Norsor Arroy Site 10C00 (NAO)
C N11	Norsor Arroy Site 11C00 (NAO)
C N12	Norsor Arroy Site 12C00 (NAO)
C N13	Norsor Arroy Site 13C00 (NAO)
C N14	Norsor Arroy Site 14C00 (NAO)
NAO	Norsor Arroy Site 01A00 (NAO)
NB2	Norsor Arroy Site 02B00 (NAO)
C NB3	Norsor Arroy Site 03B00 (NAO)
C NB4	Norsor Arroy Site 04B00 (NAO)
C NB5	Norsor Arroy Site 05B00 (NAO)
C NB6	Norsor Arroy Site 06B00 (NAO)
C NB7	Norsor Arroy Site 07B00 (NAO)
NB0	Norsor Arroy Site 01B00 (NAO)
NC2	Norsar Arroy Site 02C00 (NAO)
NC3	Norsar Arroy Site 03C00 (NAO)
NC4	Norsar Arroy Site 04C00 (NAO)
NC5	Norsar Arroy Site 05C00 (NAO)
C NC6	Norsar Arroy Site 06C00 (NAO)
C NC7	Norsar Arroy Site 07C00 (NAO)
C NC8	Norsar Arroy Site 08C00 (NAO)
C NC9	Norsar Arroy Site 09C00 (NAO)
C NCO	Norsar Arroy Site 01C00 (NAO)
NRA0	NORESS Arroy Site A0 (NRSA)
R NRA1	NORESS Arroy Site A1 (NRSA)
R NRA2	NORESS Arroy Site A2 (NRSA)
R NRA3	NORESS Arroy Site A3 (NRSA)
R NRB1	NORESS Arroy Site B1 (NRSA)
R NRB2	NORESS Arroy Site B2 (NRSA)
R NRB3	NORESS Arroy Site B3 (NRSA)
R NRB4	NORESS Arroy Site B4 (NRSA)
R NRB5	NORESS Arroy Site B5 (NRSA)
R NRC1	NORESS Arroy Site C1 (NRSA)
R NRC2	NORESS Arroy Site C2 (NRSA)
R NRC3	NORESS Arroy Site C3 (NRSA)
R NRC4	NORESS Arroy Site C4 (NRSA)
R NRC5	NORESS Arroy Site C5 (NRSA)
R NRC6	NORESS Arroy Site C6 (NRSA)
R NRC7	NORESS Arroy Site C7 (NRSA)
R NRD1	NORESS Arroy Site D1 (NRSA)
R NRD2	NORESS Arroy Site D2 (NRSA)
R NRD3	NORESS Arroy Site D3 (NRSA)
R NRD4	NORESS Arroy Site D4 (NRSA)
R NRD5	NORESS Arroy Site D5 (NRSA)
R NRD6	NORESS Arroy Site D6 (NRSA)
R NRD7	NORESS Arroy Site D7 (NRSA)
R NRD8	NORESS Arroy Site D8 (NRSA)
R NRD9	NORESS Arroy Site D9 (NRSA)
R NRE0	NORESS Arroy Site E0 (NRSA)
ODD	Oddo (BER)
C OO-NW	Oslo (LRSM)
SUE	Sulen (BER)
TRO	Tromso (BER)

Jon Mayen Islands

JMI	Jon Mayen (BER)
JNE	Jon Mayen East (BER)
JNW	Jon Mayen West (BER)

Svalbord

E01	Edge Oya (SLM)
R HSP	Hornsund (WAR)
C ISF	Isfjord
KBS	Kingsboy (BER)

POLAND

C BEL	Belsk (WAR)
C BRE	Breslau (Wroclaw)
BYT	Bytom (BYT)
CHZ	Chorzow (WAR)
R CYP	Chylin (WAR)
DGP	Dobrowo Gornicza (BYT)
KRA	Krokow (WAR)
KSP	Ksiaz (WAR)
NIE	Niedzico (WAR)
RAC	Rociborz (WAR)
RBN	Rybnik (WAR)
WAR	Warsow (Warszowa) (WAR)
ZAB	Zobrze (BYT)

## EUROPE

## PORTUGAL

COI Coimbra (INMG)  
 FAR Faro (INMG)  
 LIS Lisbon  
 MTE Manteigas (INMG)  
 MTH Montachique (INMG)  
 PRL Partalegre (INMG)  
 PTO Ponta (Serra do Pilar)

## Azores

ADH Angra da Heroismo (PDA)  
 AGA Agualva (PDA)  
 ASBA Santa Barbara (PDA)  
 CALA Caldeira (PDA)  
 CML Cha de Macela (PDA)  
 FAC Faja de Cima (PDA)  
 FRA Furnas (PDA)  
 HOR Horta (PDA)  
 LFA Lagoa da Faga (PDA)  
 MTSA Monte Escuro (PDA)  
 PDA Ponta Delgada (PDA)  
 RIA Ribeira da Aeira (PDA)  
 RIB Ribeirinha (PDA)  
 R SAZ Santa Maria Island (PDA)  
 SDCA Salta da Cavala (PDA)  
 VIF Vila Franca (PDA)

## Madeira Islands

FUL Funchal (INMG)

## ROMANIA

C AAR Sfinta Ana (BUC)  
 ARR Arges (BUC)  
 BAC Bacau (BUC)  
 BIR Birlad (BUC)  
 BIZ Bicaz (BUC)  
 BMR Baia Mare (BUC)  
 BRD Bardesti (BUC)  
 BUC Bucharest (BUC)  
 BUC1 Bucharest (BUC)  
 R BZS Buzias (BUC)  
 U CDB Caldarusani (BUC)  
 CEA Ceahlau (BUC)  
 CEI Carei (BUC)  
 CFR Carcaliu (BUC)  
 CGN Calugareni (BUC)  
 CJR Cluj (BUC)  
 CLI Calanesti (BUC)  
 CLO Clasani (BUC)  
 C CLU Cluj (Kalazvar)  
 CMP Campulung (BUC)  
 COZ Cazia (BUC)  
 CVD Cernavoda (BUC)  
 CVO Covasna (BUC)  
 DEV Deva (BUC)  
 DOC Dochia (BUC)  
 DRA Dragosani (BUC)  
 DRR Droagan (BUC)  
 FOC Facsani (BUC)  
 R FTB Fintinele (BUC)  
 GZR Gura Zlata (BUC)  
 HNM Heniu Mare (BUC)  
 IAS Iosi (BUC)  
 ISR Istrito (BUC)  
 LOT Lotru (BUC)  
 LRR Leresti (BUC)  
 MDB Medias (BUC)  
 C MII Malini (BUC)  
 MLR Muntele Rasu (BUC)  
 MSR Malnas (BUC)  
 ODB Odabesti (BUC)  
 PPE Papeni (BUC)  
 R SBE Sebes (BUC)  
 R SDR Surduc (BUC)  
 SRE Strehaiia (BUC)  
 SSR Susaro (BUC)  
 TIM Timisoara (BUC)  
 TLB Topalu (BUC)  
 VLR Valea Ierii (BUC)  
 VRI Vriniciaia (BUC)

## SPAIN

ACU (MDD)  
 AFC Alfacar (MDD)  
 ALI Alicante (MDD)

## SPAIN--Continued

ALM Almeria (MDD)  
 ALR Isla de Alboran  
 CRT Cortuja (Granada)  
 EBR Ebro Roquetas (Tarragona)  
 EHOR Hornachuelos (MDD)  
 ENIJ Nijar (MDD)  
 EPLA Plasencia (MDD)  
 EVAL Valverde del Camino (MDD)  
 FBR Fabra (Barcelona)  
 GUD Guadarrama (MDD)  
 LGR Lograno (MDD)  
 MAL Malaga (MDD)  
 C MDD Madrid (MDD)  
 SFS San Fernando  
 STS Santiago de Compostela (MDD)  
 C TLO Toledo (MDD)  
 TOL Toledo (MDD)

## Canary Islands

GGC (MDD)  
 TBT Taburiente (MDD)  
 TEN Tenerife (MDD)  
 VVD Valverde (MDD)

## SWEDEN

R ABB Abbarrasen (HFS)  
 C ABK Abiska  
 APD Appelba (HFS)  
 R ATR Alsterbro (HFS)  
 R BYD Bredaryd (HFS)  
 DEL Delary (UPP)  
 R GBD Granbergs Dal (HFS)  
 GNN Gunnerudssaetern (HFS)  
 C GOT Gateborg (UPP)  
 R HED Hedekas (HFS)  
 HFS Hagfors (HFS)  
 R HRN Harndal (HFS)  
 R HVK Hallstavik (HFS)  
 KIR Kiruna (UPP)  
 C KLS Karlskrona (UPP)  
 R KTN Katrineberg (HFS)  
 C LUN Lund  
 R MRE Mariestad (HFS)  
 MYV Myrviken (UPP)  
 R NYK Nykoeping (HFS)  
 R OLF Olafstraem (HFS)  
 R ORK Oerkelljunga (HFS)  
 R SGAS Staanga (HFS)  
 C SKA Skalistugan (UPP)  
 SLL Staelliet (HFS)  
 TBY Torsby (HFS)  
 R TNU Tenhult (HFS)  
 UDD Uddeholm (UPP)  
 UME Umea (UPP)  
 UPP Uppsala (UPP)  
 C VAS Vassijaure  
 R VEB Veberaed (HFS)  
 R VIM Vimmerby (HFS)  
 R VNY Vaermlands Nysaeter (HFS)

## SWITZERLAND

C BAS Basel (Basle) (ZUR)  
 BBS Basel--Blauen (ZUR)  
 C BRI Brig  
 C BUB Buchberg (ZUR)  
 C CHU Chur (Coire) (ZUR)  
 DIX Grand Dixence (ZUR)  
 C EMO Emossan (ZUR)  
 EMS Emossan--Mur (ZUR)  
 LLS Linthal--Limmern (ZUR)  
 MMK Mattmark (ZUR)  
 NEC Neuchatel (ZUR)  
 C NEU Neuchatel (ZUR)  
 C ORB Orbe  
 OSS Ova Spin (ZUR)  
 SAX Soentis (ZUR)  
 C SIS Sion  
 SLE Schleithelm (ZUR)  
 TMA Tamara (ZUR)  
 VDL Vol di Lei (ZUR)  
 ZUL Zurich--Lageren (ZUR)  
 C ZUR Zurich (ZUR)

## UNITED KINGDOM

## YUGOSLAVIA--Continued

Channel Islands  
C JRS JerseyVOY Vojsko (LJU)  
ZAG Zagreb (Agram)

## England

AWH Whinburgh (BGS)  
 C BID Bidston  
 R BKN Blacknest (BKN)  
 R BMY Bingley Moor (OMB)  
 CLB Chilbolton (BKN)  
 CRO Rosemanowes (BGS)  
 CWF Charnwood Forest  
 DUR Durham  
 HPK Haverah Park (BGS)  
 HTL Hartland (BGS)  
 C KEW Kew  
 C LVR Liverpool  
 R MMY Middlesmoor (BKN)  
 C OXD Oxford  
 POE Parton East (BKN)  
 C POS Parton South (BKN)  
 C OMB Queensbury (OMB)  
 R SBD Saint Breward (BKN)  
 R SCK South Creak (BKN)  
 R SHT Sharpitar (BKN)  
 C STO Stonyhurst (Blackburn)  
 C WBE West Bromwich  
 WOL Wolverton (BKN)  
 XAL Allendale (BGS)  
 XDE Dent Fell (BGS)

## Scotland

ABE Aberdeen  
 EAB Aberfoyle (BGS)  
 EAU Auchincaan (BGS)  
 EBH Black Hill (BGS)  
 EBL Braadlaw (BGS)  
 ECK Cauldkine Hill (BGS)  
 EDI Edinburgh (BGS)  
 EDU Dundee (BGS)  
 C EGL Gala Law (BGS)  
 EKA Eskdalemuir Array (BKN)  
 ELO Lagiealmond (BGS)  
 ESK Eskdalemuir (BGS)  
 ESY Stoneypath (BGS)  
 KYL Kyle (BGS)  
 MCD Colburn Distillery (BGS)  
 XSO Sourhope Farm (BGS)

## Shetland Islands

LRW Lerwick (BGS)

## Wales

R BYB Berrybush (BKN)  
 HCG Craig Goch (BGS)  
 R LLW Llanuwchllyn (BKN)  
 LPW Lampeter (BKN)

## YUGOSLAVIA

BDV Budva (TTG)  
 BEO Beograd (Belgrade)  
 BLY Banja Luka  
 BRY Bratogov (TTG)  
 CEY Cerknica (LJU)  
 C DBR Dubravnik  
 C GRJ Gorje  
 HCY Herceg Novi (TTG)  
 IVA Ivangrad (TTG)  
 KAY Katianova (SKO)  
 LIP Lipkovo (SKO)  
 LJU Ljubljana (Laibach) (LJU)  
 C MST Mastar  
 MYG Matka (SKO)  
 NKY Niksic (TTG)  
 OHR Ohrid (SKO)  
 PLE Pljevlja (TTG)  
 C POL Pala  
 PTJ Puntijarka  
 PVY Plav (TTG)  
 SAR Sarajevo  
 C SEB Sibenik (Sebenico)  
 SKO Skopje (SKO)  
 C SNJ Sinj  
 C TRA Travnik  
 TTG Titograd (TTG)  
 ULC Ulcinj (TTG)  
 VAY Valandovo (SKO)

TABLE 3  
INDIAN OCEAN

REGIONS

ANDAMAN ISLANDS

PBA Port Blair (NDI)

CHRISTMAS ISLAND

C XMI Christmas Island (AUST)

COCOS ISLANDS

C CCK Cocos Island (Keeling Island)

HEARD ISLAND

C HII Heard Island (AUST)

KERGUELEN ISLANDS

KCA Cave  
R KCH Monts Chateau  
R KPB Port Bizet  
R KPD Port Douzieme  
PAF Port aux Francois (STR)  
PMK Pointe Molloy

MAURITIUS

C MRI Mauritius Island

REUNION

PCR La Plaine des Cafres (PAR)  
REU Reunion Island

## NORTH AMERICA

## CANADA

## CANADA--Continued

<b>Alberta</b>		<b>Manitoba</b>	
C BAN	Banff (OTTR)	C CH-MT	Churchill (LRSM)
C CLM	Coleman (OTTR)	C EB-MT	East Braintree (LRSM)
EDM	Edmonton (OTT)	FCC	Fort Churchill (OTT)
C ELD	Ethyl Lake Duckett (EDM)	FFC	Flin Flon (OTT)
C JP-AT	Jasper (LRSM)	C PWM	Pinawa (OTTR)
C KV-AT	Keg River (LRSM)	R ULM	Lac du Bannet (OTTR)
SES	Suffield (OTT)		
C WS-AT	Waterways (LRSM)		
<b>British Columbia</b>		<b>New Brunswick</b>	
ALB	Alberni (WCTN)	EBN	Edmundston (ECTN)
C ATC	Attachie (EDM)	C ER218	Early Rise 218 (LRSM)
BIB	Bowen Island (OTTR)	C ER219	Early Rise 219 (LRSM)
R BNB	Barry Inlet (OTTR)	C ER220	Early Rise 220 (LRSM)
BOB	Bob Quinn Lake (OTTR)	C ER221	Early Rise 221 (LRSM)
BTB	Buttle Lake (WCTN)	C ER222	Early Rise 222 (LRSM)
CARB	Mount Carlier (UBC)	C ER223	Early Rise 223 (LRSM)
CBB	Campbell River (WCTN)	C ER224	Early Rise 224 (LRSM)
C CCC	Cusp Creek (EDM)	C ER225	Early Rise 225 (LRSM)
C CK-BC	Cache Creek (LRSM)	C ER226	Early Rise 226 (LRSM)
C CTC	Chetwynd (EDM)	C ER227	Early Rise 227 (LRSM)
R CWB	Cumshewa (OTTR)	C ER228	Early Rise 228 (LRSM)
DLB	Dease Lake (OTTR)	C ER229	Early Rise 229 (LRSM)
DOWB	(UBC)	C ER230	Early Rise 230 (LRSM)
DPRB	Dawnie Peak Ridge (UBC)	GGN	Saint George (ECTN)
EDB	Eliza Dame (WCTN)	KLN	McKendrick Lake (ECTN)
EPMB	(UBC)	LMN	Caledonia Mountain (ECTN)
ETB	Estevan Point (WCTN)	UNB	University of New Brunswick (OTTR)
C FL-BC	Fort Nelson (LRSM)		
C FNC	Finlay Fork (EDM)	<b>Newfoundland</b>	
C FRC	Federal Ranch (EDM)	R CBK	Carner Brook
C FRN	Fernie (OTTR)	R PKN	Parkers Pond
R FSB	Fort Saint James (OTTR)	STJ	Saint John's (OTT)
C FSJ	Fort Saint James (OTT)		
C FI-BC	Fort McLeod (LRSM)	<b>Northwest Territories</b>	
GDR	Gald River (OTTR)	ALE	Alert (OTT)
R GOB	Galiano Island (OTTR)	BLC	Baker Lake (OTTR)
GSTB	Goldstream Park (UBC)	C CMC	Coppermine (OTT)
C HBC	Harseshae Bay (OTTR)	C FBC	Frobisher Bay (OTT)
C HM-BC	100 Mile House (LRSM)	FRB	Frobisher (OTT)
HNB	Haney (WCTN)	IGL	Igloolik (OTTR)
C HYC	Haney (WCTN)	INK	Inuvik (OTT)
R LIB	Langara Island (OTTR)	MBC	Mould Bay (OTT)
C LLL	Lilloaet (OTTR)	C NP-NT	Mould Bay (LRSM)
C MCC	Mica Creek (OTTR)	NPT	Nicholson Point (OTTR)
C MCE	Mica Creek (OTTR)	RES	Resolute (OTTR)
C ME-BC	Merritt (LRSM)	RSNT	Yellowknife (SAND)
MGB	Mount Grey (WCTN)	R SWT	Sachs Harbour (OTTR)
MNB	Mount Dainard (OTTR)	R TKT	Tuktoyaktuk (OTTR)
MUB	Muncho Lake (OTTR)	C TUK	Tuktoyaktuk (OTTR)
NAB	Nanaimo (WCTN)	YKA	Yellowknife Array (OTTR)
OFB	Ocean Falls (OTTR)	YKC	Yellowknife (OTT)
OZB	Mount Ozzard (WCTN)		
C PD-BC	Princeton (LRSM)	<b>Nova Scotia</b>	
PFB	Port Renfrew (WCTN)	C ER231	Early Rise 231 (LRSM)
C PG-BC	Prince George (LRSM)	C ER232	Early Rise 232 (LRSM)
C PG2BC	Prince George (LRSM)	C ER234	Early Rise 234 (LRSM)
PGC	Pacific Geoscience Centre, Sidney (OTT)	C ER235	Early Rise 235 (LRSM)
PHC	Port Hardy (OTT)	C ER236	Early Rise 236 (LRSM)
C PIB	Pender Island (WCTN)	C ER237	Early Rise 237 (LRSM)
PNT	Penticton (OTT)	C ER238	Early Rise 238 (LRSM)
C PPC	Pine Pass (EDM)	C ER239	Early Rise 239 (LRSM)
QCC	Queen Charlotte (OTTR)	C ER241	Early Rise 241 (LRSM)
C ON-BC	Quesnel (LRSM)	C ER242	Early Rise 242 (LRSM)
R RUB	Prince Rupert (OTTR)	R GBN	Guysborough (OTTR)
SHB	Sechart (WCTN)	HAL	Halifax (OTTR)
C SI-BC	Smithers (LRSM)	R MVN	Mavillette
SJB	Cape St. James (OTTR)		
SKB	Skidegate (OTTR)	<b>Ontario</b>	
SLEB	(UBC)	U BUO	Burlington (OTTR)
SNB	Saturna Island (WCTN)	C CFO	Chats Falls (OTTR)
C SSO	Sandspit (OTTR)	CKO	Chalk River (ECTN)
TABB	Tabernacle Mountain (UBC)	C DAN	Dane (OTTR)
THOB	Mount Thompson (UBC)	DLA	Delaware
TSB	Tasu (OTTR)	R DVO	Dawnview (Yark University)
R TXB	Texada	EEO	Eldee (ECTN)
VDB	Vedder Mountain (OTTR)	EFO	Effingham (OTTR)
VGZ	Ganzales (WCTN)	ELF	Elginfield
R VIB	Van Inlet (OTTR)	C ER101	Early Rise 101 (LRSM)
C VIC	Victoria (OTT)	C ER102	Early Rise 102 (LRSM)
WGB	Wells Gray (OTTR)	C ER103	Early Rise 103 (LRSM)
WHB	Whistler (WCTN)	C ER104	Early Rise 104 (LRSM)
C WK-BC	Williams Lake (LRSM)	C ER105	Early Rise 105 (LRSM)
R WKB	White Rock (OTTR)	C ER106	Early Rise 106 (LRSM)
WPB	Watts Point (OTTR)	C ER107	Early Rise 107 (LRSM)
		C ER108	Early Rise 108 (LRSM)
		C ES-ON	Espanola (LRSM)
		C FHO	Fitzroy Harbour (ECTN)
		GTO	Geraldton (OTTR)

CANADA--Continued

Ontario--continued

C HML Homilton  
C KAO Kapuskosing (OTTR)  
C KLC Kirkland Lake (OTTR)  
LDN London  
LHC Lakehead University (Thunder Bay) (OTT)  
C LND London (OTT)  
C MW-ON Mattawa (LRSM)  
OTT Ottawa (OTT)  
C RK-ON Red Lake (LRSM)  
RSON Red Lake (SAND)  
C SCB Scarborough (OTT)  
C SL-ON Sault Sainte Marie (LRSM)  
SUD Sudbury (OTTR)  
R SUO Sudbury (OTTR)  
SXO Sioux Lookout (OTTR)  
C TNT Toronto  
WBO Williamsburg (ECTN)  
WEO Welcome (ECTN)  
C WNR Windsor (OTTR)

Quebec

C BU-OB Buckingham (LRSM)  
C CHO Charlesbourg (OTTR)  
C ER109 Early Rise 109 (LRSM)  
C ER110 Early Rise 110 (LRSM)  
C ER111 Early Rise 111 (LRSM)  
C ER112 Early Rise 112 (LRSM)  
C ER113 Early Rise 113 (LRSM)  
C ER114 Early Rise 114 (LRSM)  
C ER115 Early Rise 115 (LRSM)  
C ER116 Early Rise 116 (LRSM)  
C ER117 Early Rise 117 (LRSM)  
C ER118 Early Rise 118 (LRSM)  
C ER119 Early Rise 119 (LRSM)  
C ER120 Early Rise 120 (LRSM)  
C ER201 Early Rise 201 (LRSM)  
C ER202 Early Rise 202 (LRSM)  
C ER203 Early Rise 203 (LRSM)  
C ER204 Early Rise 204 (LRSM)  
C ER205 Early Rise 205 (LRSM)  
C ER207 Early Rise 207 (LRSM)  
C ER208 Early Rise 208 (LRSM)  
C ER209 Early Rise 209 (LRSM)  
C ER210 Early Rise 210 (LRSM)  
C ER211 Early Rise 211 (LRSM)  
C ER212 Early Rise 212 (LRSM)  
C ER213 Early Rise 213 (LRSM)  
C ER215 Early Rise 215 (LRSM)  
C ER216 Early Rise 216 (LRSM)  
C ER217 Early Rise 217 (LRSM)  
GAC Glen Almond (ECTN)  
GNT Gentilly (ECTN)  
GRO Grand Remous (ECTN)  
GSQ Grosses Roches (ECTN)  
C GWC Great Whale River (OTT)  
C HMC Holland Mills (OTTR)  
HTO Hauteville (ECTN)  
JAO La Grande-3 (ECTN)  
C JBO La Grande-3  
C JCO La Grande-3  
U KAO La Grande-4 (ECTN)  
R KBO La Grande-4 (OTTR)  
R KCO La Grande-4 (OTTR)  
LAO La Grande (ECTN)  
LBO La Grande (ECTN)  
R LCO La Grande (ECTN)  
R LDO La Grande (ECTN)  
U LGO La Grande-2 (OTTR)  
LMO La Malboie (OTTR)  
LPO La Pocatiere (ECTN)  
R LOO La Grande-4 (OTTR)  
R LRO La Grande 3 (OTTR)  
C LTO La Grande-3 (OTTR)  
C MIQ Moniwaki (ECTN)  
MNO Manicouagan (ECTN)  
MNT Montreal (ECTN)  
PBO Poste de la Boileine  
C POC La Pocatiere (OTTR)  
OCO Quebec  
SBO Sherbrooke (ECTN)  
SCH Schefferville (OTT)  
C SFA Seven Falls (OTT)  
C SHF Showinigon Falls (OTTR)  
SIC Sept-Iles (OTTR)  
R SLO Saint Louis du Ha Ha (OTTR)  
C SO-DB Sorel (LRSM)  
C SV2DB Schefferville (LRSM)

CANADA--Continued

Quebec--continued

C SV3DB Schefferville (LRSM)  
C TMK Temiskoming (OTTR)  
TRO Mont Tremblant (ECTN)  
VDQ Val d'Or (ECTN)  
C VMC Ville Marie (OTTR)

Saskatchewan

BMS Big Muddy Lake (OTTR)  
C SAS Saskatoon (OTTR)

Yukon Territory

C BH-YK Burwash Landing (LRSM)  
C DLY Dezadeash Lake (OTTR)  
DWY Dawson City (OTTR)  
HYT Haines Junction (OTTR)  
KBT Komakuk Beach (OTTR)  
C KEY Kluane (OTTR)  
C KRY Koidern River (OTTR)  
U SIY Silver City (OTTR)  
SPY Shingle Point (OTTR)  
C WH-YK Whitehorse (LRSM)  
C WH2YK Whitehorse (LRSM)  
WHC Whitehorse (OTTR)  
C WL-YK Watson Lake (LRSM)

MEXICO

Baja California

CBX Cerro Bolo (ECX)  
CPBX Cerro Prieto (ECX)  
ECBX El Chinero (ECX)  
ECX Ensenada--CICESE (ECX)  
EMX El Moyer (ECX)  
R ENS Ensenada  
ENX Ensenada (ECX)  
R IGM Isla Guadalupe (UNM)  
LAX Bahia de Los Angeles (PAS)  
PBX Punta Bando (ECX)  
RHM Rio Hardy (PAS)  
R RSJ Rancho San Jose (PAS)  
SFP San Felipe (PAS)  
SMX San Miguel (ECX)  
SPX San Pedro Martir (ECX)  
VEX Veracruz (ECX)

Bojo Colifornio Sur

LAP La Paz (PAS)  
C SRL Santa Rosalia

Chiapos

COM Comitan (UNM)  
CR1 Chicoasen Reservoir No. 1 (IIM)  
CR2 Chicoasen Reservoir No. 2 (IIM)  
CR3 Chicoasen Reservoir No. 3 (IIM)  
CR4 Chicoasen Reservoir No. 4 (IIM)  
CR5 Chicoasen Reservoir No. 5 (IIM)  
CR6 Chicoasen Reservoir No. 6 (IIM)  
CR7 Chicoasen Reservoir No. 7 (IIM)  
CSN Chicoasen (IIM)  
CZC Chiapa de Corzo (IIM)  
OZC Ocozacoatlán (IIM)  
PMN Preso Molposo (UNM)  
TCX Tecpaton (IIM)  
TPX Tapochulo (MEX)

Chihuahua

CHH Chihuahua (UNM)

Colimo

MNZ Manzanillo (UNM)  
SRR Isla Socorro (UNM)

Distrito Federal

IIM Instituto de Ingenieria, UNAM (IIM)  
C IXT Ixtapalapa  
MEX Mexico City (MEX)  
TAC Tacubaya (UNM)  
UNM Universidad Nacional de Mexico (UNM)

Guanojuato

LCG Leon Cerro Gordo (UNM)  
LNM Leon (UNM)

Guerrero

ACX Acapulco (MEX)  
R CC1 Caracol Dom No. 1 (IIM)



REGIONS

TABLE 3

NORTH AMERICA

MEXICO--Continued

Guerrero--continued  
R CC2 Corocol Dom No. 2 (IIM)  
R CC3 Corocol Dom No. 3 (IIM)  
CC4 Corocol Dom No. 4 (IIM)  
III Iguolo--Cerro de Tuxpon (IIM)  
ZIH Zihuatonejo (IIM)

Hidalgo  
TLX Tulancingo (MEX)

Jalisco  
CGX Ciudad Guzman (MEX)  
R CJM Chamela (UNM)  
GUM Guadalajara (UNM)

Mexico  
CRX Cerrillo (MEX)  
IIC Santo Rita Coyotepec (IIM)  
IIP El Pino (IIM)  
OXM Oxtotitlan (UNM)  
PPM Popocatepetl (UNM)

Michoacan  
PIM Presa del Infiernillo (UNM)

Morelas  
TPM Tepoztlan (UNM)

Nuevo Leon  
TMM Technologico de Monterrey (UNM)

Oaxaca  
OAX Oaxaca (UNM)  
OXX Oaxaca (MEX)  
PBJ Presa Benito Juarez (UNM)  
PEX Puerto Escandida (IIM)  
PIO Pinotepa Naciona (UNM)  
R PLO Pachutla (UNM)  
R TIO Totantepec (UNM)  
R TXO Tlaxiaco (UNM)  
C VHM Vista Hermosa (UNM)  
VHO Vista Hermosa (UNM)

Puebla  
IIT Tonantzintla (IIM)  
PUE Puebla

Sinaloa  
C CUL Culiacan  
MAZ Mazatlan (UNM)  
MZX Mazatlan (MEX)  
R TPB Topolobampo (PAS)

Sonora  
CBS Coborco (PAS)  
EGM El Golfo de Santa Clara (PAS)  
EGX El Golfo de Santa Clara (ECX)  
GYM Guaymas (PAS)

Tamaulipas  
TMX Tampico (MEX)

Tlaxcala  
C VGM Villa Grojoles

Veracruz  
LJX (MEX)  
C PZX Pozo Rico (MEX)  
VCM Veracruz (UNM)

Yucatan  
MER Merido (UNM)

SAINT PIERRE AND MIQUELON  
C SPR Saint Pierre

U.S.A.

Alabama  
C AX-AL Alexander City (LRSM)  
C AX2AL Alexander City (LRSM)  
BKA Kennedy (ATL)  
C BO-AL Brewton (LRSM)  
R DCA Decatur  
R DLC Deerlick Creek (MNLO)

U.S.A.--Continued

Alabama--continued  
EMA Elm (MNLO)  
C EU-AL Eutaw (LRSM)  
C EU2AL Eutaw (LRSM)  
FLT Fleetwood (MNLO)  
HGA Collinsville (ATL)  
R HLT Holt (MNLO)  
HVA Hanceville (ATL)  
LCA Log Cabin (MNLO)  
LCAL Lambert Chapel (TVA)  
MLAL Sowerville (ATL)  
MSAL Monte Sano (TVA)  
OCA Owens Crossroads (ATL)  
R PEA Peo Ridge (MNLO)  
PTR Peterson (MNLO)  
PWLA Pickwick Lake (TEIC)  
RHA Reichold (MNLO)  
SHA Spring Hill  
TDA Talladega (ATL)  
TSAL Tannehill State Park (ATL)

Alaska  
R LSB  
Alaska Peninsula  
R ANI Aniakchok (GIA)  
BLM Blue Mountain (GIA)  
C CBA Cold Bay  
C CDA Cape Douglas (GIA)  
R CHIA Chirikof Island (GIA)  
CHW Chowiet Island (GIA)  
FLP Featherly Pass (GIA)  
C KTM Katmai (AGS)  
MRS Maars (GIA)  
OPT Oil Point (GIA)  
C PHA Port Heiden  
C PMA Port Moller (PMR)  
PNN Pinnacle Mountain (GIA)  
PUB Puale Bay (GIA)  
SDN Sand Point (PMR)  
C UKL Ugashik Lake (GIA)  
USL Ugashik Lake (GIA)  
YCB Yellow Creek Bluff (GIA)

Aleutian Islands  
C AA-IS Atka (LRSM)  
C AC-IS Amchitko (LRSM)  
C ACA Amchitko Central A (USGS)  
C ACB Amchitko Central B (USGS)  
C ACC Amchitko Central C (USGS)  
C ACD Amchitko Central D (USGS)  
C ACE Amchitko Central E (USGS)  
C ACF Amchitko Central F (USGS)  
C AD-IS Adak Island (LRSM)  
AD1 Great Sitkin (BOU)  
AD2 Umak (BOU)  
AD3 Kogalosko (BOU)  
AD4 Hidden Bay (BOU)  
AD5 Yokok (BOU)  
AD6 South Konogo (BOU)  
AD7 North Konogo (BOU)  
AD8 Adagdok (BOU)  
C ADA Adak (Finger Bay) (USGS)  
ADK Adak (PMR)  
C AEB Amchitko  
C AK0 North Tonogo (BOU)  
AK1 West Konogo (BOU)  
AK2 South Tonogo (BOU)  
AK3 North Tonogo (BOU)  
AK4 Bobrof (BOU)  
AK5 North Tonogo (BOU)  
C AMA Amatignok Island (USGS)  
C AME Amchitko East  
C ANA Amchitko (USGS)  
C ANB Amchitko (USGS)  
C AND Amchitka (USGS)  
C ASB Amchitko (USGS)  
C ASC Amchitka (USGS)  
C ASD Amchitko (USGS)  
C AT1 West Konogo (BOU)  
C AT2 South Tonogo (BOU)  
C AT3 North Tonogo (BOU)  
C AWA Amchitko  
C CSA Cope Sorichef (PMR)  
C DHA Dutch Harbor  
C LSI Little Sitkin Island (USGS)  
C MFA Mitchell Field (USGS)  
C NIK Nikolski (PMR)  
C NKI Nikolski (PMR)  
C RAT Rot Island (USGS)

TABLE 3  
NORTH AMERICA

REGIONS

U.S.A.--Continued

U.S.A.--Continued

Alaska--continued

Aleutian Islands--continued  
C SBY Sand Bay (USGS)  
SMY Shemya (PMR)  
C SQ-IS Shemya (LRSM)  
C SSI Semisopchnoi Island (USGS)  
C UNA Unalaska (USGS)  
Central Alaska  
ALC Alcan (AGS)  
C AMU Anchorage (Alaska Methodist University)  
BALM Baldy (AGS)  
C BDP Brood Pass (GIA)  
BEH Bench (GIA)  
BLR Black Rapids (PMR)  
BMRM Bremner River (AGS)  
C BRH Birch Hill (GIA)  
CCB Clear Creek Butte (GIA)  
CFI College Fiord (AGS)  
CHB Church  
C CMA Clear Mews  
CMO College--Fairbanks (NEIS)  
C CNA Contwell (GIA)  
COL College Outpost (NEIS)  
CSG Childs Glacier (AGS)  
CTGM Chitina Glacier (AGS)  
CVA Cordova (AGS)  
C CYT Cape Yakataga (AGS)  
DDM Donnelly Dame (GIA)  
C ELV Elvey (GIA)  
C ENG Engineer Hill (GIA)  
C ERN Ernestine (AGS)  
C FB-AK Fairbanks (LRSM)  
C FB2AK Fairbanks (LRSM)  
FBA Fairbanks (PMR)  
FBAL Fairbanks--Long Period  
FBAS Fairbanks--Short Period  
C FBK Fairbanks (PAL)  
FID Fort Fidalgo (AGS)  
C FIS Fire Island (AGS)  
GHO Glary Hole Creek (AGS)  
C GIA Geophysical Institute, Univ. of Alaska (GIA)  
C GIL Gilmore Creek (PMR)  
GKC Gold King Creek (GIA)  
GLB Gilahino Butte (AGS)  
C GLC Glacier Island (AGS)  
GLI Glacier Island (AGS)  
GLM Gilmore Dome (GIA)  
GYO Guyot Hills (AGS)  
HDA Harding Lake (GIA)  
HIN Hinchinbrook Island (AGS)  
HMT Hamilton (AGS)  
C HPP Hepp (GIA)  
C HUR Hurricane (GIA)  
KAIM Koyak Island (AGS)  
KLU Klutino (AGS)  
KMP Kimball Pass (AGS)  
KNK Knik Glacier (AGS)  
C KYK Koyak Island (AGS)  
LVY Levy (GIA)  
C MCB Moose Creek Bluff (GIA)  
MCK McKinley (GIA)  
C MCR Mercer (GIA)  
MID Middleton Island (PMR)  
C MIK Minitrock (GIA)  
MLA Molaspina Glacier (AGS)  
MSE Moose Creek (AGS)  
NEA Nenana (GIA)  
PAX Poxson (GIA)  
C PJD Pedro Dome (GIA)  
PLRM Palmer USGS (AGS)  
PME Palmer East (PMR)  
PMR Palmer (PMR)  
PMS Palmer South (Arctic Valley) (PMR)  
PTE Portage (AGS)  
PWA Palmer West (Houston) (PMR)  
PWL Port Wells (AGS)  
RAGM Ragged Mountain (AGS)  
RDS Richard O. Siegest (GIA)  
C RGD Ragged Mountain (AGS)  
RIU Riou (AGS)  
C RON Remate (GIA)  
C SCF Sheep Creek Facility (GIA)  
SCM Sheep Creek Mountain (GIA)  
C SCT Scotty Lake (GIA)  
C SGA Stephens Glacier (AGS)  
SGAM Sherman Glacier (AGS)  
SKT Skwentno (AGS)  
SML Sowmill (AGS)

Alaska--continued

Central Alaska--continued  
SNH Sunshine Point (AGS)  
C SSH Sunshine (GIA)  
C SST Susitna (AGS)  
SUA Susitna One (AGS)  
SUK Suckling Hill (AGS)  
C TLK Talkeetna Mountains (AGS)  
TNN Tanana (GIA)  
TOA Tolsona (PMR)  
TSIM Tsino (AGS)  
TTV Teren Tiev Lake (AGS)  
C VLD Valdez  
VLZ Valdez (AGS)  
C VZS Valdez South (AGS)  
VZW Valdez West (AGS)  
WAX Woxell Ridge (AGS)  
C WLM Willow Mountain (AGS)  
WRG White River Glacier (AGS)  
WRH Wood River Hill (GIA)  
YAH Yahtse (AGS)  
YKCM Yakataga (AGS)  
Kenai Peninsula  
BRLK Bradley Lake (AGS)  
C BRNE Bradley Lake NE (AGS)  
C BRNW Bradley Lake NW (AGS)  
C BRSE Bradley Lake SE (AGS)  
C BRSW Bradley Lake SW (AGS)  
CNPM Chino Poot (AGS)  
C DSK Disk Island (AGS)  
GBY Granite Bay (AGS)  
HOM Homer (GIA)  
KNIM Knight Island (AGS)  
LOU Louis Bay (AGS)  
MPA Moose Pass (AGS)  
C MTG Montague Island (AGS)  
MTU Montague Island (AGS)  
C NGL North Gosline (AGS)  
C NIN Ninilchik One (AGS)  
NKA Nikiskho (AGS)  
NNL Ninilchik (AGS)  
C SDEM Sadie Cove (AGS)  
SEW Seward (AGS)  
C SKL Skilok (Cooper Landing) (AGS)  
SLKM Skilok Lake (AGS)  
SLV Seldovia (AGS)  
Kodiak Island  
DMB Deadman Bay (GIA)  
KDC Kodiak (PMR)  
RAI Raspberry Island (GIA)  
SHU Shuyok Island (GIA)  
SII Sitkinak Island (GIA)  
SKD Sitkolidak Island (GIA)  
SPL Spiridon Lake (GIA)  
UGI Ugak Island (GIA)  
Northern Alaska  
C B11 Borter Island (GIA)  
C B12 Borter Island (GIA)  
C B13 Borter Island (GIA)  
C B14 Borter Island (GIA)  
BRV Borrow (GIA)  
BRW Borrow (PMR)  
FY1 Fort Yukon (GIA)  
FY2 Fort Yukon (GIA)  
C FY3 Fort Yukon (GIA)  
C FY4 Fort Yukon (GIA)  
FY5 Fort Yukon (GIA)  
FYU Fort Yukon (GIA)  
KTA Katzebue (GIA)  
C PTB Point Barrow  
Pribilof Islands  
C SP-IS Saint Poul (LRSM)  
C SPI Saint Poul Islands  
C SPP Saint Poul  
Southeastern Alaska  
ABF Auke Bay (AGS)  
AGAM Agassiz Lake (AGS)  
BCPM Boncos Point (AGS)  
C BIO Biorko (USGS)  
CHX Choix Hills (AGS)  
HON Harlequin Lake (AGS)  
R KCN Ketchikan  
MMC Middle Cape (GIA)  
C NTK Nunotak (AGS)  
PCA Pinnacle (AGS)  
PNL Peninsula (AGS)  
PSA Petersburg  
SIT Sitka (PMR)

## NORTH AMERICA

## U.S.A.--Continued

## U.S.A.--Continued

## Alaska--continued

## Southeastern Alaska--continued

C YKT Yakutat (AGS)

YKU Yakutat (PMR)

## Western Alaska

R ACK Alder Creek (GIA)

C AGI Augustine Island (GIA)

ANM Nome--Anvil Mountain (PMR)

ANV Anvil Mountain (GIA)

R AU2 Augustine Island

R AUE Augustine Island (GIA)

AUF Augustine Island (GIA)

AUH Augustine Island (GIA)

AUI Augustine Island (GIA)

AUL Augustine Island (GIA)

AUM Augustine Island (GIA)

R BBO Besboro Island (GIA)

C BET Bethel

BGM Big Mountain (AGS)

C BIG Big Mountain (AGS)

C BO-AK Bethel (LRSM)

CDD Cape Douglas (GIA)

CDL Candle (GIA)

CDY Cape Darby (GIA)

CGLM Capps Glacier (AGS)

CKK Chekok (AGS)

R CKR Christmas Creek (GIA)

C CPR Cape Romanzof

CRP Crater Peak (AGS)

DMA Devil Mountain (GIA)

EAM Ear Mountain (GIA)

C GMA Granite Mountain (PMR)

ILM Iliamna (AGS)

IMA Indian Mountain (PMR)

R KGR Kogok River (GIA)

C MCL McNeil River (GIA)

MCNL McNeil River (GIA)

C NOM Nome

C NRA North River (GIA)

PDB Pedro Bay (AGS)

RDT Redoubt (AGS)

RED Redoubt Volcano (GIA)

REM Remote

SPU Mount Spurr (AGS)

C STY Stany River (AGS)

SVW Sparrevohn (PMR)

R TCY Tin City (GIA)

TKK Tapkak (GIA)

TNA Tin City (GIA)

TTA Tatalina (PMR)

C TTL Tatalina

UNL Unalakleet

## Arizona

ASU Arizona State University

C BDA Boulder Dam (NEIS)

C BPK Black Peak (PAS)

FLAG Flagstaff

C FLG Flagstaff (USGS)

C FS-AZ Flagstaff (LRSM)

R FTM Fortuna Mine (PAS)

GCA Glen Canyon (NEIS)

C GE-AZ Globe (LRSM)

C HR-AZ Heber (LRSM)

C JR-AZ Jerome (LRSM)

C KG-AS Kingman (LRSM)

C KG-AZ Kingman (LRSM)

C KH-AZ Kahls Ranch (LRSM)

C LG-AZ Long Valley (LRSM)

R LGA Laguna Mountains (PAS)

C MMA Mummy Mountain

C NL-AZ Nazlini (LRSM)

C NL2AZ Nazlini (LRSM)

R PAZ Prescott

C PFA Pierce Ferry (NEIS)

C PY-AZ Payson (LRSM)

SCN Sunset Crater National Monument

C SF-AZ Snowflake (LRSM)

C SG-AZ Seligman (LRSM)

R SLU San Luis (PAS)

C SN-AZ Sunflower (LRSM)

C SV-AZ Springerville (LRSM)

TDM Tucson--Desert Museum

C TFO Tonto Forest Array

C THO Tonto Hills Observatory

C TSL Tsalle (Navajo Community College) (LOA)

TUC Tucson (NEIS)

TUO Tucson Observatory (NEIS)

## Arizona--continued

C TUT Tucson--Telemeter (NEIS)

C UOA University of Arizona

C WM-AZ Williams (LRSM)

C WO-AZ Winslow (LRSM)

R YMD Yuma Desert (PAS)

## Arkansas

C BK-AR Bald Knob (LRSM)

R BLS Blanchard Spring

CRID Crittenden County--Downhole (TEIC)

CRIS Crittenden County--Surface (TEIC)

C CW-AR Conway (LRSM)

FAV Fayetteville

C FAY Fayetteville

R HCI Hatchie Caan Island (SLM)

HOGG Hoggard's Bluff (TEIC)

C IK-AR Ink (LRSM)

JHP Judd Hill Plantation

LGAR La Grange (TEIC)

C LRA Little Rock (SLM)

C MK-AR Marked Tree (LRSM)

C MP-AR Mountain Pine (LRSM)

C MY-AR McCrory (LRSM)

C MZ-AR Mount Ida (LRSM)

OLY Olyphant (TEIC)

PCA Paragould (SLM)

POW Pawhatan (SLM)

C PV-AR Perryville (LRSM)

STAR Star City (TEIC)

WLA Wittsburg Lake (TEIC)

C WR-AR Walnut Ridge (LRSM)

C WY-AR Wynne (LRSM)

## California

CCO Chico

C OBS Ocean Bottom Seismometer (PAL)

S12 Simi Peak (PAS)

## Alameda County

BGC Bolinger Road (MNLO)

BKS Berkeley--Byerly (BRK)

BRK Berkeley--Haviland (BRK)

CBSM Byran Hot Springs (MNLO)

CDVM Del Valle (MNLO)

CL1 Del Valle (LAC)

CL2 Mines Road (LAC)

CMCM Mills College (MNLO)

CMNM Mines Road (MNLO)

R CNCM Norris Canyon Road (MNLO)

CPNM Pleasantan Water Tower (MNLO)

CSAM Sandia (MNLO)

CSH California State, Hayward (MNLO)

CTLN Tesla Road (MNLO)

CVLM Valicitos (MNLO)

C CYH Coyote Hills (MNLO)

DOO Doolan Road (MNLO)

LKC Lake Chobot (MNLO)

MNR Mines Road (MNLO)

MSJ Mission San Jose (MNLO)

PLC Palomares Road (MNLO)

## Amodar County

ADWM Drytown Water District (MNLO)

## Butte County

C FEA Feather Falls (CDWR)

KPK Kanoka Peak (CDWR)

MGL Magalia (CDWR)

OBHM Blaomer Hill (MNLO)

OCHM Cohasset Ridge (MNLO)

OGOM Van Goodin Ranch (MNLO)

ORAM Rattlesnake Point (MNLO)

ORV Orville (CDWR)

OSTM Stimpson Lane (MNLO)

OTBM Table Mountain (MNLO)

OWYM Wyndolte (MNLO)

PAM Palermo (CDWR)

## Calaveras County

MCUM Copperopolis (MNLO)

MNHM New Hagan Reservoir (MNLO)

MRFM Railroad Flat South (MNLO)

## Contra Costa County

BKC Brookwood Reservoir (MNLO)

CDSM Don Santos Ranch (MNLO)

C CNC Concord--Diablo Valley College (BRK)

CRAM San Ramon (MNLO)

CRPM Russellmon Park (MNLO)

CYC Crow Canyon Road (MNLO)

DUC Duarte Ranch (MNLO)

C MDC Mount Diablo (MNLO)

## U.S.A.--Continued

## California--continued

Contra Costa County--continued  
MTC Morgan Territory (MNLO)  
ZSP San Pablo Dam (BRK)  
El Dorado County  
AGIM Gold Rush Inn (MNLO)  
AHRM Harold F. Ross (MNLO)  
ALAM Latrobe (MNLO)  
AODM Outingdale (MNLO)  
ARJM Robert W. Jensen (MNLO)  
Fresno County  
BRMM Rolling Bench Mark (MNLO)  
C DIR Diamond Ranch (MNLO)  
C FRE Fresno (BRK)  
FRI Friant (BRK)  
PARM Anticline Ridge (MNLO)  
PCRM Curry Mountain (MNLO)  
R PDRM Damengine Ranch (MNLO)  
R PHBM Huron Fishing Bridge (MNLO)  
PRCM Roach Canyon (MNLO)  
PRI Priest (BRK)  
R PWMM Westland Maintenance Station (MNLO)  
Glenn County  
GAS Alder Springs (CDWR)  
Humboldt County  
ARC Arcata (BRK)  
FER Ferndale  
FHC Fickle Hill (BRK)  
KBBM Bear Butte (MNLO)  
KBRM Barry Ridge (MNLO)  
KCRM Chalk Rock (MNLO)  
KCTM Capetown (MNLO)  
KGMM Grouse Mountain (MNLO)  
KMPP Mount Pierce (MNLO)  
TIT Squaw Tit  
C WKC Walker Ridge (BRK)  
WKC2 Walker Ridge (BRK)  
Imperial County  
AMS Amos (PAS)  
BON Bonds Corner (PAS)  
R BSCP Bracks Farm (PAS)  
CH2 Chocolate Mountain (PAS)  
R CLIC Calipatria (PAS)  
COA Coachella (PAS)  
COK Cook Ranch (PAS)  
R COT Chocolate Mountains (PAS)  
CRR Carriza Plain (PAS)  
C ECC El Centro (PAS)  
R ELRC Elmore Ranch (PAS)  
R EMSC East Mesa (PAS)  
R ERPC Ernie's Place (PAS)  
R FRK Frink (PAS)  
GLA Glamis (PAS)  
ING Ingram Ranch (PAS)  
R IRS Iris (PAS)  
C KBY Koboyashi Ranch (PAS)  
NW2 New River (PAS)  
OBB Obsidian Butte (PAS)  
R PIC Picacho Peak (PAS)  
PLT Pilot Knob (PAS)  
R RSE Rose Pump (PAS)  
RUN Ruthven (PAS)  
SGL Mount Signal (PAS)  
R SLTC Salton Sea Test Base (PAS)  
SNR Schaffner Ranch (PAS)  
SUP Superstition Mountain (PAS)  
R WIS Wister (PAS)  
WLK Wiest Lake (PAS)  
R WML Westmorland (PAS)  
R YUH Yuha Desert (PAS)

## Inyo County

AMR Amargosa (USGS)  
BCHM Black Canyon North (MNLO)  
C BP-CL Bishop (LRSM)  
CBHM Cosa Basin North (MNLO)  
CFWM Cactus Flat West (MNLO)  
CGSM China Gardens South (MNLO)  
CLC China Lake (PAS)  
CPTM Cactus Peak West (MNLO)  
CSSM Cosa Springs South (MNLO)  
CWC Cottonwood Creek (PAS)  
C DAC Darwin (SAND)  
R DKNM Devils Kitchen North (MNLO)  
R DTEM Dunsmovintown East (MNLO)  
C DV-CL Death Valley (LRSM)  
FMT Funeral Mountains (USGS)  
GVN Grapevine (USGS)  
GWV Greenwater Valley (USGS)

## U.S.A.--Continued

## California--continued

Inyo County--continued  
C HAI Haiwee (PAS)  
HWSM Haiwee Spring South (MNLO)  
R JRWM Joshua Ridge West (MNLO)  
LCH Last Change Range (USGS)  
MCA Marble Canyon (USGS)  
MFS McCloud Flat South (MNLO)  
NMC Nine Mile Canyon (MNLO)  
NOP Nopah Range (USGS)  
PGE Panamint Range (USGS)  
PPK Piper Mountain (USGS)  
OSM Queen of Sheba Mine (USGS)  
OSR Quien Sobe Ranch (MNLO)  
RCWM Renegade Canyon West (MNLO)  
RVCM Rose Valley Central (MNLO)  
R SMWM Sugarloaf Mountain West (MNLO)  
TIN Tinemoha (PAS)  
TMO Tin Mountain (USGS)  
R TOW Tower One (PAS)  
R UCN Ubehebe Crater  
VPEM Volcano Peak East (MNLO)  
WNMM Nine Mile Canyon (MNLO)  
Kern County  
ABL Mount Abel (PAS)  
R ARVC Arvin (PAS)  
C BF-CL Bakersfield (LRSM)  
BMTC Bear Mountain (PAS)  
R BOOC South Base Booster (PAS)  
R CALC California City (PAS)  
R DBM Double Mountain (PAS)  
R DTP Desert Tortoise Park (PAS)  
FTC Fort Tejon (PAS)  
R GALT Galileo (PAS)  
C HAV Havilah (PAS)  
ISA Isabella (PAS)  
JFS Joseph F. Staten (PAS)  
C KNO Knox Ranch (PAS)  
C KRC King Ranch (PAS)  
R LRMC Laurel Mountain (PAS)  
R MARC Maricopa (PAS)  
R PLEC Pleito Hills (PAS)  
R SDLC Saltdale (PAS)  
R SNDC Sand Canyon (PAS)  
R SRTC Snort (PAS)  
R TEJ El Tejon (PAS)  
C TF-CL Taft (LRSM)  
R THC Tehochapi Microwave (PAS)  
R TJR Tejon Ranch (PAS)  
R TPO Trapico Hills (PAS)  
WASM Alta Sierra Campground (MNLO)  
WBMM Breckenridge Mountain (MNLO)  
WBSM Bird Springs (MNLO)  
WCOM Cook Peak (MNLO)  
C WDY Woody (PAS)  
WHFM Hanning Flat (MNLO)  
WHVM Havilah (MNLO)  
WJPM Johns Peak (MNLO)  
WKTM Kern Tulare (MNLO)  
WLPM Leibel Peak (MNLO)  
WOFM Oak Flat (MNLO)  
WORM Onyx Ranch (MNLO)  
C WRC Williams Ranch (PAS)  
WSCM Short Canyon (MNLO)  
WWPM Walker Pass (MNLO)  
Kings County  
R PKEM Kettleman Hills (MNLO)  
Lake County  
GBGM Boggs Mountain (MNLO)  
GCRM Castle Rock Ridge (MNLO)  
GGLM Glenview (MNLO)  
GHGM Hog Mountain (MNLO)  
GHLM Highland Springs (MNLO)  
GHMM Hull Mountain (MNLO)  
GMKM Mount Konactoi (MNLO)  
R GRMM Round Mountain (MNLO)  
GRTM Round Top Mountain (MNLO)  
GSGM Seigler Mountain (MNLO)  
GWKM Walker Ridge (MNLO)  
NMTM Middletown (MNLO)  
Lassen County  
R LITR Litchfield (REN)  
Los Angeles County  
BLU Blue Ridge (PAS)  
R BRTC Bertell Ranch (PAS)  
R CFL Chisao Flats (PAS)  
CIS Catalina Island (PAS)  
R CIW Santa Catalina Island West (USC)

U.S.A.--Continued

U.S.A.--Continued

California--continued

Los Angeles County--continued

R CJV Casa Juan (PAS)  
C DLT Dalton (PAS)  
R FAL Falling Springs (PAS)  
R FMA Fort MacArthur (USC)  
R FOX Fox Airport (PAS)  
GOC Griffith Observatory  
IRC Iron Canyon (PAS)  
JNH Juniper Hills (PAS)  
R KYP Key Point (PAS)  
R LANC Lancaster (PAS)  
R LCL Rancho Las Cerritos (USC)  
R LEOC Leona Valley (PAS)  
C LGC Lakewood Golf Course (PAS)  
LHU Lake Hughes (PAS)  
LJB Lovejoy Buttes (PAS)  
C LMO Lookout Mountain Observatory  
LMS Lookout Mountain Observatory  
LRRC Littlerock Reservoir (PAS)  
MWC Mount Wilson (PAS)  
PAS Pasadena (PAS)  
PCF Pomona (PAS)  
PEM Pine Mountain (PAS)  
R PHS Pasadena High School  
C POM Pomona  
R PT2 Point Dume (PAS)  
R PVPS Palos Verdes (USC)  
C PVR Palos Verdes (PAS)  
PYR Pyramid (CDWR)  
R QAL Quail Lake (PAS)  
R SAD Saddle Peak (PAS)  
SBB Saddle Back Butte (PAS)  
R SBI Santa Barbara Island (USC)  
SCI San Clemente Island (PAS)  
R SCY Stone Canyon Reservoir (PAS)  
R SSK Sunset Peak (PAS)  
R STTC Scott Ranch (PAS)  
SWM Sawmill (PAS)  
C TCC Turnbull Canyon (PAS)  
R THR Three Sisters (PAS)  
C TMC Table Mountain  
TWL Twin Lakes (PAS)  
C USC University of Southern California  
R WSP Warm Springs (PAS)

Marin County

AGC Angel Island (MNLO)  
C BVC Bear Valley Observatory  
KFC Kentfield  
LOC Lincoln School (MNLO)  
NOLM Olema (MNLO)  
NPRM Point Reyes (MNLO)  
NTBM Tomales Bay (MNLO)  
NTPM Mount Tamalpais (MNLO)  
C OLC Olema (MNLO)  
C PRC Point Reyes (BRK)

Mariposa County

MBFM Blanchard Fire Station (MNLO)

Mendocino County

C GAFM Point Arena AFB (MNLO)  
GBDM Big Darby (MNLO)  
GCBM Chamberlain Ridge (MNLO)  
GRNM Rancho Navarro (MNLO)  
GSNM Snow Mountain (MNLO)  
GWRM Wonder Ranch (MNLO)  
KBNM Bluenose (MNLO)  
KBSM Bell Springs (MNLO)  
KCPM Coito Peak (MNLO)  
KFPM Forley Peak (MNLO)  
KIPM Iron Peak (MNLO)  
KRKM Rockout Springs (MNLO)  
KSPM Sherwood Peak (MNLO)  
UKI Ukiah (NEIS)

Merced County

HSLM San Luis Dam (MNLO)  
SLD San Luis Dam (CDWR)

Mono County

U AVC Adobe Valley (REN)  
U BODR Bodie (REN)  
CLKR Crowley Lake (REN)  
LMCR Lookout Mountain (REN)  
U MCRR Mono Crofers (REN)  
C ML1CL Mono Lake (LRSM)  
C ML2CL Mono Lake (LRSM)  
C ML3CL Mono Lake (LRSM)  
C ML4CL Mono Lake (LRSM)  
MONR Mono Valley (REN)  
ORC Owens River (REN)

California--continued

Mono County--continued

U PZC Pizosa Creek (REN)

Monterey County

BHSM Hastings State Park (MNLO)  
BMCM McPhails Peak (MNLO)  
BMHM Mount Harlan (MNLO)  
BPCM Pine Canyon (MNLO)  
BPFM Pfeiffer Point (MNLO)  
BPPM Pinyon Peak (MNLO)  
BSRM Salinas Radio Site (MNLO)  
BTW Bitterwater Creek (MNLO)  
CTM Castle Mountain (MNLO)  
DIL Dillon Ranch (MNLO)  
FRP Fremont Peak (MNLO)  
GHC Gold Hill (MNLO)  
HCOM Corn Cob Canyon (MNLO)  
HJGM San Juan Grade (MNLO)  
JHC Johnson Canyon (MNLO)  
JOL Jolon Road (MNLO)  
LRC Lane Oak Road (MNLO)  
MOP Monarch Peak (MNLO)  
MTR Monterey (MNLO)  
PAPM Alder Peak (MNLO)  
PBYM Bryson (MNLO)  
PHGM Hog Canyon (MNLO)  
PIVM Indian Valley (MNLO)  
PJLM Jolon Road (MNLO)  
PKF Parkfield Array (MNLO)  
C PNC Pine Canyon (MNLO)  
PRS Paraiso (BRK)  
PSAM San Ardo (MNLO)  
PSMM Smith Mountain (MNLO)  
PSRM Scobie Ranch (MNLO)  
PSTM Stockdale Mountain (MNLO)  
PTV Peach Tree Valley (MNLO)  
SHG Shirttail Gulch (MNLO)  
C SRC Salinas Radio Site (MNLO)  
TRC Taylor Ranch (MNLO)  
C TWN Twin Peaks (MNLO)  
WKR Work Ranch (MNLO)

Napa County

C CLS Calistoga (BRK)  
GVR Green Valley Road (MNLO)  
NBPM Berryessa Peak (MNLO)

Nevada County

AARM Airport Road (MNLO)  
ABJM Bob Jauregui Ranch (MNLO)  
R AHDM Hacienda Drive (MNLO)  
C HBM Hobart Mills (REN)  
HBT Hobart Mills (REN)

Orange County

R ELS Elsinore Mountain (PAS)  
C SJO San Joaquin Reservoir (PAS)  
VPD Villa Park Dam (PAS)

Plocer County

ADC Auburn Dam (Forest Hill Divide) (MNLO)  
AFHM Forest Hill Site (MNLO)  
AFRM Fiddymont Ranch (MNLO)  
ALNM Lincoln (MNLO)  
APRM Poppy Hill Road (MNLO)  
ARWM Richard P. Wilkes (MNLO)  
AVRM Valley Road Site (MNLO)  
MPK Mortis Peak (REN)  
TNK Tinkers Knob (REN)

Plumas County

R BMRR Black Mountain (REN)  
LHKM Mount Harkness (MNLO)

Riverside County

R BATC Bat Cave Butte (PAS)  
BC2 Big Chuckwalla Mountains No. 2 (PAS)  
C BMM Big Moria Mountains (PAS)  
R CAHC Cohuilla Valley (PAS)  
R CO2 Coxcomb Mountains No. 2 (PAS)  
COO Coronado Quarry (PAS)  
CTW Cottonwood Mountains (PAS)  
R DB2 Double Butte (PAS)  
C DHS Desert Hot Springs (PAS)  
R EAG Eagle Mountain (PAS)  
R EWC East Wide Canyon (PAS)  
R FRGC Fargo Canyon (PAS)  
GAV Glen Avon (PAS)  
HAY Hayfield (PAS)  
R INDC Indio Hills (PAS)  
INS Inspiration (PAS)  
R JTR Joshua Tree Park (PAS)  
KEE Keen Camp Maintenance Station (PAS)  
R LAQC La Quinto (PAS)

U.S.A.--Continued

U.S.A.--Continued

California--continued

Riverside County--continued

R LTC Little Chuckwallo Mountains (PAS)  
LTM Little Maria Mountains (PAS)  
R MDA Mount Davis (PAS)  
R MECC Mecca Hills (PAS)  
R MIRC Martinez Indian Reservation (PAS)  
R OLYC Mount Olympus (PAS)  
R ORCC Oricopio Mountain (PAS)  
PEC Perris (CDWR)  
R PFO Pinyon Flat Observatory  
PNMC Pinto Mountains (PAS)  
R POB Polly Butte (PAS)  
C PRR Perris (PAS)  
R PSP Palm Springs (PAS)  
R RAY Raywood Flat (PAS)  
RVR Riverside (PAS)  
RVS Riverside Mountains (PAS)  
R SME Santa Rosa Mine (PAS)  
R SMO Santa Rosa Mountain (PAS)  
C SPH San Pedro Hill (PAS)  
VG2 Vista Grande (PAS)  
WWR Whitewater (PAS)

Sacramento County

ARRM Rickey Ranch (MNLO)  
R ASRM Slough House Road (MNLO)

San Benito County

C AN2\* Forsythe (MNLO)  
ANZ Anzar Road (MNLO)  
BBGM Big Mountain (MNLO)  
BCGM Cienega Road (MNLO)  
BJOM Mount Johnson (MNLO)  
BLRM Lewis Ranch (MNLO)  
BMSM Mercey Hot Springs (MNLO)  
BPIM Pinnacles (MNLO)  
BSBM Swanson's Bluff (MNLO)  
BSCM Stone Canyon (MNLO)  
BSLM Silva Ranch (MNLO)  
BVL Bear Valley (MNLO)  
BVYM Vineyard (MNLO)  
EKH Elkhorn Ranch (MNLO)  
EMT Emmet (MNLO)  
HBTM San Juan Bautista (MNLO)  
HFHM Flint Hills (MNLO)  
HJSM John Smith Road (MNLO)  
HKRM Kincaid Ranch (MNLO)  
C HRC Harris Ranch (BRK)  
HSFM Saint Francis Retreat (MNLO)  
HVC Hernandez Valley (MNLO)  
LLA Llanada (BRK)  
LRV Little Rabbit Valley (MNLO)  
LTR Lone Tree Road (MNLO)  
OCR O'Connell Ranch (MNLO)  
PHAM Harlan Ranch (MNLO)  
PKH Park Hill (MNLO)  
SAO San Andreas Geological Observatory (BRK)  
SBT San Benito (MNLO)  
C STC Stone Canyon Observatory (MNLO)  
C VIN Vineyard (BRK)  
C VIT Vineyard--Telemeter (BRK)

San Bernardino County

ADL Adelanto (PAS)  
C BBC Big Bear (PAS)  
R BLKC Block Mountain (PAS)  
R BTL Butler Peak (PAS)  
C CAD Cody Mountains  
R CAVC Cave Mountain (PAS)  
C CED Cedar Springs (CDWR)  
R CFT Crafton Hills (PAS)  
R CKC Cook Canyon (PAS)  
CMH Chemehuevi Mountains (PAS)  
R CSL Crestline (CDWR)  
CSP Cedar Springs (CDWR)  
C DVL Devil Canyon (PAS)  
R ELMC El Mirage (PAS)  
FLSC Flash Twa Peak (PAS)  
R GRP Granite Pass (PAS)  
GSC Goldstone (PAS)  
HDG Hidalgo Mountain (PAS)  
R HOD Hodge (PAS)  
R HYS Haystack Butte (PAS)  
R IRN Iron Mountains (PAS)  
C KM-CL Kramer (LRSM)  
LAC Landers (LAC)  
R LAVC Lavic (PAS)  
LED Lead Mountain (PAS)  
R LLAC Llano (PAS)  
R MLL Mill Creek (PAS)

California--continued

San Bernardino County--continued

R MRD Mojave River Dam (CDWR)  
MRVC Morongo Valley (PAS)  
C ND-CL Needles (LRSM)  
C PIU Piute Mountains (PAS)  
RCH Reche Mountain (PAS)  
RDM Round Mountain (PAS)  
RMR Rimrock (PAS)  
ROD Rodman Mountain (PAS)  
RVM Rio Vista Mine (PAS)  
R SBKC Saddleback Mountain (PAS)  
R SBVC San Bernardino Valley  
SDW Sidwinder Mine (PAS)  
R SHH Sheep Hole Mountains (PAS)  
SIL Silver Peak (PAS)  
SPM Ship Mountains (PAS)  
SS2 San Sevoine (PAS)  
C STP Stepladder Mountains (PAS)  
C TN-CL Twentynine Palms (LRSM)  
TPC Twentynine Palms (PAS)  
TMT Turtle Mountains (PAS)  
WCXM Chino Lake Receiver Site (MNLO)  
WH2 Whipple Mountains No. 2 (PAS)  
R WSHM Spangler Hills (MNLO)  
R XMS Christmas Canyon (PAS)

San Diego County

BAR Barrett (PAS)  
R BRGC Barrego Mountain (PAS)  
R CBKC Canebrake (PAS)  
COY Coyote Mountain (PAS)  
C CP-CL Campo (LRSM)  
CPE Camp Elliot (PAS)  
R CPM Copper Mountain (PAS)  
CPT Camp Pendleton (PAS)  
C ECA El Cajon (PAS)  
HOT Hat Springs Mountain (PAS)  
IKP Inkopah (PAS)  
JULC Julian (PAS)  
C LJC La Jolla (PAS)  
PLM Palomar (PAS)  
C SDC San Diego--Robinson  
SLBC Salana Beach  
SND San Diego--College  
SNS San Onofre (PAS)  
R SYS San Ysidro (PAS)  
VSTC Vista (PAS)  
R YAO Yaqui Meadows (PAS)

San Francisco County

JPRM Presidio (MNLO)  
NFIM Farallon Islands (MNLO)  
C SFB San Francisco (BRK)  
SFC San Francisco  
SFM San Francisco--Randall Museum  
C SFR San Francisco--Rincon (MNLO)

San Luis Obispo County

R BCH Branch Mountain (PAS)  
CRGC Crocker Grade (PAS)  
CVC Cholame Valley  
PADM Adeladia (MNLO)  
PAGM Antelope Grade (MNLO)  
PANM San Antonio Reservoir (MNLO)  
PBRM Bassetti Ranch (MNLO)  
PCGM Cerro Alto Campground (MNLO)  
R PGWM Grace West (MNLO)  
PHCM Hearst Castle (MNLO)  
PMCM McMillan Canyon (MNLO)  
PMGM Santa Margarita (MNLO)  
PMRM Maxey Ranch (MNLO)  
PPRM Paso Robles (MNLO)  
PSEM See Canyon (MNLO)  
PSHM Shandon (MNLO)  
PTRM Twissleman Ranch (MNLO)  
TMB Temblor Range Southeast (PAS)  
YEG Yeguas Mountain (PAS)

San Mateo County

BGH Bear Gulch (MNLO)  
JEGM El Granada (MNLO)  
JHPM Huddart Park (MNLO)  
LT3 Portola State Park (MNLO)  
C LT5 La Honda (MNLO)  
C LT9 San Andreas Lake (MNLO)  
LTW Los Trancos Woods (MNLO)  
MGA Milagra Ridge (MNLO)  
C MOB Menlo Park (MNLO)  
C PAC Palo Alto--Branner (BRK)  
PCC Pilarcitos Creek (BRK)  
PSD Pescadero (MNLO)

## NORTH AMERICA

U.S.A.--Continued

U.S.A.--Continued

## California--continued

Son Mateo County--continued  
 SAC Son Andreas Lake (MNLO)  
 SEC Stevens Creek (MNLO)  
 WDS Woodside (MNLO)

Santa Barbara County  
 BCC Colson Canyon (PAS)  
 BLP Lompoc (PAS)  
 BSC Santa Cruz Island (PAS)  
 BSM San Miguel Island (PAS)  
 LPC La Cumbre Peak (PAS)  
 PKM Peak Mountain (PAS)  
 SBC Santa Barbara (PAS)  
 SCCM Colson Canyon (MNLO)  
 SYP Santa Ynez Peak (PAS)

Santa Clara County  
 ADR Anderson Reservoir (MNLO)  
 AMC Almoden (MNLO)  
 ARN Arnold Ranch (MNLO)  
 C CB2 Colera Reservoir (MNLO)  
 C CB7 Poverty Ridge (MNLO)  
 CBO Chesbro Reservoir (MNLO)  
 CDC Canodo Road (MNLO)  
 CMLM Mount Lewis (MNLO)  
 CMMM Mount Mocho (MNLO)  
 COE Coe Ranch (MNLO)  
 CSR Chase Ranch (MNLO)  
 CVR Calaveras Reservoir (MNLO)  
 GHS Gilroy Hot Springs (MNLO)  
 HGWM Gilroy West (MNLO)  
 HSPM Sheep (MNLO)  
 JBMM Black Mountain (MNLO)  
 JSTM Santa Teresa Hills (MNLO)  
 LXR Lexington Reservoir (MNLO)  
 MHC Mount Hamilton (Lick Observatory) (BRK)  
 MHR Mount Hamilton Road (MNLO)  
 C MTB Montebello Ridge (MNLO)  
 PCL Pacheco Lake (MNLO)  
 C SCL Santa Clara--Ricard  
 SFL San Felipe (MNLO)  
 SFT Stanford Telescope (MNLO)  
 R SGC Saratoga Country Club (MNLO)  
 SJH Saint Joseph Seminary (MNLO)  
 SVC Silver Creek (MNLO)

Santa Cruz County  
 CACM Antiach (MNLO)  
 CBC Chamberlain (MNLO)  
 C CRC Castle Rock (MNLO)  
 C EGR Empire Grade Road (MNLO)  
 EUC Eureka Canyon (MNLO)  
 GCC Granite Creek (BRK)  
 C HCC Holy Cross (MNLO)  
 HCZM Cordozo Dairy (MNLO)  
 JBLM Comp Ben Lomond (MNLO)  
 JBMZ Buzzard Lagoon Road (MNLO)  
 JHLM Holstrom Ranch (MNLO)  
 JRCM Rodeo Gulch Road (MNLO)  
 JRRM Redwood Retreat (MNLO)  
 JSMM Sawmill Road (MNLO)  
 JGTM Trout Gulch Road (MNLO)  
 JUCM Univ. of California, Santa Cruz (MNLO)  
 LT15 Bear Creek Road (MNLO)  
 PEV Pleasant Valley (MNLO)  
 PKC Peckham Road (MNLO)  
 C SCC Santa Cruz (BRK)  
 SOS Soda Springs (MNLO)

Shasta County  
 C LAS Mount Lassen (MNLO)  
 LCFM Crescent Cliffs (MNLO)  
 LMZM Manzanito Lake (MNLO)  
 LRDM Redding Peak (MNLO)  
 MLC Manzanito Lake (BRK)  
 C SHS Shasta Dam (BRK)  
 WDC Whiskeytown Dam (BRK)

Sierra County  
 IND Independence (REN)  
 KBF Kyburz Flat (REN)  
 VPK Verdi Peak (REN)

Siskiyou County  
 LBFM Black Fox (MNLO)  
 LGBM Gray Butte (MNLO)  
 LMHM Mount Hoffman (MNLO)  
 LMPM Military Pass (MNLO)  
 LPDM Pondosa (MNLO)  
 C YR-CL Yreka (LRSM)

Solano County  
 GCWM Cow Mountain (MNLO)  
 HMR Hamilton Ranch (MNLO)

## California--continued

Solano County--continued  
 MIX Mix Canyon Road (MNLO)  
 NLHM Lake Hermon (MNLO)

Sonoma County  
 BBR Beebe Ranch (MNLO)  
 CRD Covedale Road (MNLO)  
 FTR Fort Ross (MNLO)  
 GAXM Alexander Valley (MNLO)  
 GBOM Block Oak (MNLO)  
 GCMM Cobb Mountain (MNLO)  
 GCVM Cloverdale (MNLO)  
 GDCM Dry Creek (MNLO)  
 GDXM Geysers (MNLO)  
 GFTM Plant 15--Mercuryville (MNLO)  
 GGPM Geyser Peak (MNLO)  
 GHCM House Creek (MNLO)  
 GMCN McLoughlin Ranch (MNLO)  
 GMOM Moffitt Ranch (MNLO)  
 GPMM Pine Mountain (MNLO)  
 GSMM Socrates Mine (MNLO)  
 MAC Mark West Springs (MNLO)  
 NCFM Confield Road (MNLO)  
 NHBM Healdsburg (MNLO)  
 NMHM Mount Saint Helena (MNLO)  
 NSHM Saint Helena Road (MNLO)  
 NTMM Taylor Mountain (MNLO)  
 NWRM Wright Ranch (MNLO)  
 C SHC Mount Saint Helena (MNLO)  
 SKG Skaggs Springs (MNLO)  
 SNT Sears Point (MNLO)

Stanislaus County  
 BAVM Antelope Valley (MNLO)  
 CPMK Mikes Peak (MNLO)  
 COSM Mount Oso (MNLO)  
 HCPM Crevison Peak (MNLO)

Sutter County  
 OSUM Sutter Buttes (MNLO)

Tehama County  
 LCMM Colby Mountain (MNLO)  
 LSLM South Lassen (MNLO)  
 LTCM Tuscon Springs (MNLO)  
 MIN Mineral (BRK)  
 RMT Round Mountain (CDWR)

Trinity County  
 KKPM Kettlenpom (MNLO)  
 KPPM Pickett Peak (MNLO)

Tulare County  
 WCHM Chimney Peak (MNLO)  
 R WLHM Little Horse (MNLO)

Tuolumne County  
 CRH Carson Hill (MNLO)  
 C JAS Jamestown (BRK)  
 JAS1 Jamestown (BRK)  
 R JMS Jamestown (BRK)  
 R MCSM Central Site (MNLO)  
 MMWM Mi Wuk Village (MNLO)  
 MOYM O'Byrne Ferry (MNLO)  
 MSTM Stent (MNLO)

Ventura County  
 AIC Anacopa Island (PAS)  
 BCD Casitas Dam (PAS)  
 C BCL Casitas Lake (PAS)  
 BLG Logano Peak (PAS)  
 BSN San Nicolas Island (PAS)  
 R CAMC Camorillo Hills (PAS)  
 C CHP Chuchupote (PAS)  
 ECF Echo Falls (PAS)  
 R FIL Fillmore (PAS)  
 R LOK Lockwood Valley (PAS)  
 RYS Reyes Peak (PAS)  
 C SNC San Nicolas Island (PAS)

Yolo County  
 CCYM Coyote Hills (MNLO)  
 NDHM Dunnigan Hills (MNLO)

Yuba County  
 ABRM Braphy Road (MNLO)  
 AOHM Oregon House (MNLO)  
 C MV-CL Marysville (LRSM)  
 OHCM Hancut (MNLO)

## Colorado

C B01 Boulder  
 C BOU Boulder (BOU)  
 C CGC Craig (NEIS)  
 DEN Denver  
 C DER Derby  
 C DGC Durango (NEIS)

TABLE 3  
NORTH AMERICA

REGIONS

U. S. A.--Continued

Colorado--continued

C DR-CO Durango (LRSM)  
C EGC Eagle (NEIS)  
C FK-CO Franktown (LRSM)  
GLD Golden (NEIS)  
GOL Golden (Bergen Park) (GOL)  
C HDQ Headquarters (GOL)  
C HLR Highlands Ranch (GOL)  
C MRC Montrose (NEIS)  
C PGS Pagosa Springs  
C PMC Poorman Mine (BOU)  
PV01 Paradox Valley (The Burn) (NEIS)  
PV02 Paradox Valley (Monogram Mesa) (NEIS)  
PV03 Paradox Valley (Wild Steer) (NEIS)  
PV04 Paradox Valley (Corpenter Flot) (NEIS)  
PV05 Paradox Valley (Three Step) (NEIS)  
PV06 Paradox Valley (Coal Canyon) (NEIS)  
PV07 Paradox Valley (Long Mesa) (NEIS)  
PV08 Paradox Valley (Montpelier) (NEIS)  
PV10 Paradox Valley (South Lo Sal) (NEIS)  
C RBC Rio Blanco (NEIS)  
RGC Rangely  
RW1 Ridgway (NEIS)  
RW2 Ridgway (NEIS)  
RW3 Ridgway (NEIS)  
RW4 Ridgway (NEIS)  
RW5 Ridgway (NEIS)  
RW6 Ridgway (NEIS)  
C SIG South Ingalls (USGS)  
SMC Somerset (USGS)  
C TDC Trinidad (NEIS)  
TJC Trinidad  
C WTC Waterton (GOL)

Connecticut

C APT Avery Point (WES)  
BCT Brookfield (WES)  
C BPT Bridgeport (WES)  
C CPL Choplin (WES)  
ECT Ellsworth (WES)  
C HAR Hartford  
HDM Haddam (WES)  
MD1 Moodus (Comstock Bridge) (WES)  
MD2 Moodus (Pickerel Lake) (WES)  
MD3 Moodus (Cove Hill) (WES)  
MD4 Moodus (Hoddom Neck) (WES)  
MD5 Moodus (Shoalerville) (WES)  
C NHC New Haven (Yale)  
NSC North Stonington (WES)  
C TMT Talcott Mountain (WES)  
UCT University of Connecticut (Storrs) (WES)

Delaware

BBD Blackbird State Forest (NED)  
BYD Bellevue State Park (NED)  
BWD Brandywine Creek State Park (NED)  
GTD Georgetown (NED)  
NED Newark (NED)

District of Columbia

C BED Bold Eagle  
C DTM Carnegie Institution of Washington  
GEO Georgetown  
C NRL Naval Research Laboratory (NEIS)  
C WAS Washington (NEIS)

Florida

C BE-FL Belleview (LRSM)  
GAI Gainesville (University of Florida)  
C JAC Jacksonville  
R KSC Kennedy Space Center  
C MIA Miami  
C OR-FL Orlando (LRSM)  
C PEN Pensacola  
R PJC Pensacola Junior College  
C RIC Richmond  
C WFF Whiting Field--Milton

Georgia

AMG Americus  
ATL Atlanta (ATL)  
BBG Brasstown Bald (TEIC)  
CDG Carters Dam (ATL)  
CH5 Clark Hill Reservoir (ATL)  
CH6 Clark Hill Reservoir (ATL)  
DALG Dalton (ATL)  
ETG Eatonton (ATL)  
GBG Greensboro (ATL)

U. S. A.--Continued

Georgia--continued

C LA-GA Lafayette (LRSM)  
RCG Rock City (TEIC)  
REG Rock Eagle (ATL)  
RMG Rome (ATL)  
WDG Wallace Dam (ATL)

Hawaii

Hawaii  
AHA Ahua (HVO)  
AIN Ainopo (HVO)  
CPH Captain Cook (HVO)  
CPK Cone Peak (HVO)  
DAH Dandelion (HVO)  
DES Desert (HVO)  
ESR Escape Road (HVO)  
HBH Hawaiian Beaches (HVO)  
HIL Hilo (HVO)  
HLP Hilina Pali (HVO)  
HMH Humuulo Sheep Station (HVO)  
HPO Hanuopo (HON)  
HPU Hale Pohaku (HVO)  
HTC Hot Coves (HVO)  
HUH Huolalo (HVO)  
HUL Heiheiuhulu (HVO)  
HVO Hawaiian Volcano Observatory (Kilauea) (HVO)  
C HW-IS Hawaii Island (LRSM)  
KAE Koeno (HVO)  
C KEA Kealokomo (HVO)  
KFH Kooiki Faults (HVO)  
KHU Kahuku (HVO)  
KIH Kanehiki (HVO)  
KKH Kailua Kona (HON)  
KKU Keonokolu (HVO)  
KLH Kopopolo Ranch (HVO)  
C KLK Kealokekua (HVO)  
KMH Puu Komooomoo (HVO)  
C KML Kamuela (HVO)  
KNH Kipuka Nene (HVO)  
C KNW Konawaena (HVO)  
KOH Kohalo (HVO)  
KPO Kopaho (HVO)  
KUH Kaopuna (HVO)  
C M12 M12 (HVO)  
MHA Mohukono (HON)  
MKA Makoopuhi (HVO)  
MKH Mouno Keo (HON)  
MLH Mouno Loo (HVO)  
MLX Mouno Loo 2 (HVO)  
MVH Mountain View (HVO)  
MWH Mokuoweowe (HVO)  
C NAA Noolehu (HVO)  
C NBH North Bay (HVO)  
NGH National Guard (HVO)  
NPH North Pit (HVO)  
OUT Outlet (HVO)  
C PAH Pahoa (HVO)  
C PHH Puu Huluhulu (HVO)  
PHO Puu Honuulo (HVO)  
PKL Puu Kaliu (HVO)  
PLL Puu Uloulo (HVO)  
POH Pohoiki (HVO)  
PPL Puu Pili (HVO)  
PUH Pouhi (HVO)  
PWH Poliokeawe Pali (HVO)  
RIM Rim (HVO)  
SPT South Point (HVO)  
SWH Southwest Rift (HVO)  
TRH Trail (HVO)  
UWE Uwekahuna (HVO)  
WHA Wahoalo (HVO)  
C WHI Whitney (HVO)  
WIH Wilkes Camp (HVO)  
WKH Waikii (HVO)  
WLG Waldron Ledge (HVO)  
WOB Weather Observatory (HVO)  
WOH Wood Volley (HVO)  
C WPH West Pit (HVO)  
Mou  
HKL Holeakolo (HON)  
HLK Holeakolo (HVO)  
Oahu  
C BAH Barrette (HON)  
DHH Diamond Head (HON)  
HIG Hawaii Institute of Geophysics (HIG)  
C HNL Honolulu (HIG)  
HON Honolulu (HON)  
KIP Kipapo (HON)



## NORTH AMERICA

## U.S.A.--Continued

## U.S.A.--Continued

## Hawaii--continued

## Oahu--continued

C KPH Kaena Point (HON)  
 MOK Makapu (HON)  
 C OA-IS Oahu Island (LRSM)  
 OPA Opona (HON)  
 C PUP Pupakeo (HON)

## Idaho

C BBI Big Bend (USGS)  
 BEI Bear River Range (SLC)  
 C BHI Bertha Hill (MSO)  
 BSE Baise (BSE)  
 R BUI Burke  
 CIB Cedar Butte (USGS)  
 C CL-ID Chollis (LRSM)  
 CMI Centennial Mountain  
 CPI Crown Point (BSE)  
 C DCI Dry Creek (USGS)  
 C DEI Dent (MSO)  
 C ERI Eureka Ridge (MSO)  
 GBI Big Grossy Butte (USGS)  
 C GHI Gilbert Hill (MSO)  
 C GMI Garnes Mountain (USGS)  
 GRCI Grant Creek (SLC)  
 C HHI Harmony Heights (MSO)  
 C HID Hamer Butte (USGS)  
 C HL-ID Hailey (LRSM)  
 C HL2ID Hailey (LRSM)  
 HPI Howe Peak (USGS)  
 C IDA Idaho Array  
 JECI Jensen Cabin (SLC)  
 JGI Juniper Gulch (USGS)  
 R JSM Jim Sage Mountain (SLCI)  
 KCI Kelly Canyon  
 C KGI Kellagg  
 C LGM Little Green Mountain (MSO)  
 C LRI Big Lost River (USGS)  
 C MAS Mason Butte (MSO)  
 C MBI Menan Buttes (USGS)  
 MCPi Mackay Peak (SLC)  
 MLI Malad Range (SLC)  
 C MO-ID Mountain Home (LRSM)  
 MUL Mullan  
 NPI North Pocatello Valley (SLC)  
 C NTI Nordmon (NEIS)  
 R NWR Narrow River (SLCI)  
 C PQ-ID Preston (LRSM)  
 PTI Pocatello Creek (SLC)  
 REX Rexburg  
 R RMI Round Mountain (SLCI)  
 RRI Red Ridge  
 SBID Snowbank Mountain (BSE)  
 C STI Star Valley (SLC)  
 SURi Summit Reservoir (SLC)  
 TID Three Point Mountain (BSE)  
 TMI T aylor Mountain (USGS)  
 TYI Trinity Mountain (BSE)  
 WAL Wallace  
 C WBI Whiskey Butte (MSO)  
 WICI Willow Creek (SLC)  
 WPI Wilson Peak (BSE)

## Illinois

BPIL Belle Prairie (SLM)  
 R CGI Chicago  
 CHI Chicago--Loyola  
 C CHK Chicago  
 CIRL Cave-in Rock (SLM)  
 CSIL Creol Springs (SLM)  
 ELC Elco (SLM)  
 GOIL Rosebud (SLM)  
 NHIL New Haven (SLM)  
 C PW-IL Pontiac (LRSM)  
 SIUC Southern Illinois University (Carbondale)  
 SMV Samsville (SLM)  
 C WO-IL Watseka (LRSM)  
 WSIL West Salem (SLM)

## Indiana

BLO Bloomington  
 IN1 Indiana Array (AAM)  
 IN2 Indiana Array (AAM)  
 IN3 Indiana Array (AAM)  
 IN4 Indiana Array (AAM)  
 R ISU Indiana State University  
 R SHIN Springhill  
 SPIN Swan Pond Ditch (SLM)

## Indiana--continued

THI Terre Haute  
 WDIN Wadesville (SLM)

## Iowa

C BY-IO Bloomfield (LRSM)  
 DBQ Dubuque  
 C DMI Des Moines  
 C VO-IO Vinton (LRSM)

## Kansas

BEK Belvue (LAK)  
 CNK Concordia (LAK)  
 EDK El Dorado (LAK)  
 C EM-KA Emporio (LRSM)  
 EMK Emporio (LAK)  
 HWK Hiowatha (LAK)  
 LAK Lawrence (LAK)  
 LAW Lawrence  
 MHK Manhattan  
 C MHT Manhattan  
 MLK Milford Reservoir (LAK)  
 C NNK Norton (LAK)  
 C OBK Oberlin (LAK)  
 SNK Salina (LAK)  
 TCK Tuttle Creek Reservoir (LAK)

## Kentucky

BETH Bethel (TEIC)  
 BGKY Bowling Green (TVA)  
 BHKY Bowman Hall (BHKY)  
 CRU Crutchfield (SLM)  
 C DY-KY Dry Ridge (LRSM)  
 L6KY Lock 6 (BHKY)  
 LEK Lexington  
 LLKY Land-Between-the-Lakes (BHKY)  
 PKKY Grayson (BHKY)  
 C RS-KY Russell Springs (LRSM)  
 SMKY Sacramento (BHKY)  
 SOKY Sonora (BHKY)  
 SSKY Summer Shade (TVA)  
 WCK Wilson Creek (SLM)

## Louisiana

C JE-LA Jeno (LRSM)  
 LSU1 Parcperdue Array (GEOT)  
 LSU2 Parcperdue Array (GEOT)  
 LSU3 Parcperdue Array (GEOT)  
 LSU4 Parcperdue Array (GEOT)  
 LSU5 Parcperdue Array (GEOT)  
 C LV-LA Liddieville (LRSM)  
 NOL New Orleans--Loyola

## Maine

C AG-ME Augusta (LRSM)  
 AGM Allagash (WES)  
 C BG-ME Bangor (LRSM)  
 BPM Bucksport (WES)  
 CBM Caribou (WES)  
 D1A Dickey (WES)  
 D2A Dickey (Kelly Mountain) (WES)  
 D3A Dickey (Carter Brook) (WES)  
 D4A Dickey (Rocky Mountain) (WES)  
 D5A Dickey (Browns Brook) (WES)  
 D6A Dickey (Two Mile Stream) (WES)  
 EMM East Machios (WES)  
 HKM Hinckley (WES)  
 C HN-ME Houlton (LRSM)  
 HNME Houlton (WES)  
 JKM Jackman (WES)  
 MIM Milo (WES)  
 C POR Portland  
 PQ0 Cooper Hill (WES)  
 PQ1 East Ridge (WES)  
 TRM Turner (WES)  
 WTR Waterville--Calby College

## Maryland

C CLH Cheltenham (NEIS)  
 R EAS Easton  
 ECM Ellicott City  
 C ER304 Early Rise 304 (LRSM)  
 R FDM Frederick  
 C GS-MD Grantsville (LRSM)  
 C NHB National Naval Medical Center (NEIS)  
 C NLM Naval Ordnance Lab (NEIS)  
 C VIL Villa Mercy (NEIS)  
 C WOO Woodstock

TABLE 3  
NORTH AMERICA

REGIONS

U.S.A.--Continued

U.S.A.--Continued

Maryland--continued

C WSC Washington Science Center (NEIS)

Massachusetts

C CAM Cambridge (CAM)  
COD South Dennis (CAM)  
DUX Duxbury (CAM)  
FLR Fall River (WES)  
GLO Gloucester (CAM)  
HRV Harvard--Oak Ridge (CAM)  
LNX Lenox (WES)  
NMA Nantucket (WES)  
QUA Quabbin (WES)  
WES Weston (WES)  
WFM Westford (CAM)  
WGMA Westboro  
C WLL Williamstown  
C WOR Worcester

Michigan

AAM Ann Arbor (AAM)  
ACM Allegan (AAM)  
C ED-MI Edgewood (LRSM)  
KZM Kalamazoo (AAM)  
C PF-MI Pickford (LRSM)  
C SUG Sugar Island (AAM)  
C TT-MI Trout Lake (LRSM)  
WPM White Pine (AAM)

Minnesota

BEM Bemidji (MNM)  
CM1 Central Minnesota Array (MNM)  
CM2 Central Minnesota Array (MNM)  
CM3 Central Minnesota Array (MNM)  
CM4 Central Minnesota Array (MNM)  
R CM5 Central Minnesota Array (MNM)  
CM6 Central Minnesota Array (MNM)  
C DUL Duluth (MNM)  
C GP-MN Grand Rapids (LRSM)  
C GY-MN Gaylord (LRSM)  
C HT-MN Hastings (LRSM)  
C JA-MN Jasper (LRSM)  
C JO-MN Jordan (LRSM)  
C MFM Minneapolis--St. Paul Ford Plant (MNM)  
C MNM Minneapolis (MNM)  
C MNN Minneapolis (MNM)  
U MRM Morris (MNM)  
C NB-MN North Branch (LRSM)  
C PP-MN Pipestone (LRSM)  
C SE-MN Sleepy Eye (LRSM)  
C TY-MN Tracy (LRSM)  
C WD-MN Windom (LRSM)  
C WF-MN Wykoff (LRSM)

Mississippi

C GH-MS Greenville (LRSM)  
C LD-MS Lucedale (LRSM)  
C LD2MS Lucedale (LRSM)  
C LD3MS Lucedale (LRSM)  
C LL-MS Laurel (LRSM)  
C LU-MS Lumberton (LRSM)  
C MB-MS McComb (LRSM)  
C OXF Oxford  
C PC-MS Picayune (LRSM)  
PGM Pleasant Grove (TEIC)  
C PU-MS Purvis (LRSM)  
C RI-MS Richton (LRSM)  
C TO-MS Tatum Dome (LRSM)

Missouri

C BRM Bernie (SLM)  
C BRR Berryman (SLM)  
CGM Cape Girardeau (SLM)  
DMV Demmitville (SLM)  
DON Dongola (SLM)  
DWM Dogwood (SLM)  
ECD Elk Chute Ditch (SLM)  
C EN-MO Ellsinore (LRSM)  
C FLO Florissant (SLM)  
C FRM Flot River (SLM)  
FVM French Village (SLM)  
C GRV Greenville (Lake Wappapello) (SLM)  
C KC-MO Kansas City (LRSM)  
LST Lone Star (SLM)  
C MLD Molden (SLM)  
R MMM Pea Ridge Mine (SLM)  
R NMD New Madrid  
C NMM New Madrid (SLM)

Missouri--continued

NRMS Noranda (SLM)  
C PTG Portageville (SLM)  
RMB Roubauer (SLM)  
ROL Rolla  
R SIK Sikeston  
SLM Saint Louis (SLM)  
TYS Tyson Valley (SLM)  
R VBM Viburnum

Montana

C -A0MA Subarray A0 LASA (LRSM)  
AMM Anaconda (BUT)  
C AN-MA Angelo (LRSM)  
C BBM Big Bend (MSO)  
C BCB Big Creek Baldy (MSO)  
C BCM Basin Creek (BUT)  
BFM Bigfork  
C BLK Black Butte (MSO)  
C BOZ Bozeman  
C BS-MA Billings (LRSM)  
BUT Butte (BUT)  
C BZE Bozeman  
C BZM Bazeman  
CCMT Clark Canyon Reservoir (BUT)  
C CFM Cliffside (MSO)  
C CKM Coopers Lake (MSO)  
CLX Calx Mountain  
CMT Clancy  
C DI-MA Dillon (LRSM)  
C DPM Delmo Park (BUT)  
ERMT East Ridge (BUT)  
C FR-MA Forsyth (LRSM)  
C GBM Granite Butte (MSO)  
GCR Grayling Creek (MNLO)  
C GI-MA Glendive (LRSM)  
C HHM Hungry Horse (NEIS)  
C HLM Helmville (MSO)  
HRF Halter Research Foundation--Helena (BUT)  
HRY Halter Research Foundation--Yark Bridge (BUT)  
C HV-MA Havre (LRSM)  
C HY-MA Hysham (LRSM)  
C LAO LASA Array (LASA)  
C LB1 LASA B Ring (LASA)  
C LB2 LASA B Ring (LASA)  
C LB3 LASA B Ring (LASA)  
C LB4 LASA B Ring (LASA)  
C LBM Little Butte (MSO)  
C LC1 LASA C Ring (LASA)  
C LC2 LASA C Ring (LASA)  
C LC3 LASA C Ring (LASA)  
C LC4 LASA C Ring (LASA)  
LCCM Lewis and Clark Caverns (BUT)  
C LD1 LASA D Ring (LASA)  
C LD2 LASA D Ring (LASA)  
C LD3 LASA D Ring (LASA)  
C LD4 LASA D Ring (LASA)  
LDM Libby Dam  
C LE1 LASA E Ring (LASA)  
C LE2 LASA E Ring (LASA)  
C LE3 LASA E Ring (LASA)  
C LE4 LASA E Ring (LASA)  
C LF1 LASA F Ring (LASA)  
C LF2 LASA F Ring (LASA)  
C LF3 LASA F Ring (LASA)  
C LF4 LASA F Ring (LASA)  
C LFM Lubrecht Forest (MSO)  
LHD Little Hoods Mountain  
C LHM Lake Helena (MSO)  
C LN-MA Lewistown (LRSM)  
LRM Limekiln Ridge (BUT)  
MSO Missoula (MSO)  
NCM Ninemile Creek (BUT)  
C PNK Pinkham Creek (MSO)  
RFM Reservoir Flats (BUT)  
RXF Rexford  
SGM Silver Gate (MNLO)  
SVMT Summit Valley (BUT)  
C SW-MA Sweetgrass (LRSM)  
C SWP Swamp Creek (MSO)  
SXM Sixmile (BUT)  
C TEE Teepees Ranch (MSO)  
C WCM Worland Creek (MSO)  
C WHM Wild Horse Parks (MSO)  
YCM YMCA Camp (MSO)  
YKM Yaak  
R YPDC Denny Creek (MNLO)  
R YPWB West Yellowstone (MNLO)

## NORTH AMERICA

## U.S.A.--Continued

## U.S.A.--Continued

## Montana--continued

YWY West Yellowstone (MNLO)

## Nebraska

ABN Auburn  
 C AI-NB Alliance (LRSM)  
 BENE Beatrice (LAK)  
 CCNE Clay Center (LAK)  
 C CR-NB Crete (LRSM)  
 C CR2NB Crete (LRSM)  
 R CTN Crete  
 R CUN Columbus  
 C CZ-NB Cody (LRSM)  
 DTN Dwight  
 C GAN Gretno  
 C GO-NB Gordon (LRSM)  
 HMN Homestead National Monument (LAK)  
 C HS-NB Hay Springs (LRSM)  
 INDN Indianola (LAK)  
 JHN Johnson (LAK)  
 R LCN Lincoln  
 LCNE Loup City (LAK)  
 C LIN Lincoln  
 C MH-NB Mitchell (LRSM)  
 MKN Medicine Creek Dam (LAK)  
 C NR-NB Niobrara River (LRSM)  
 PCNE Platte Center (LAK)  
 C SGN Springfield  
 WHNE Wahoo (LAK)  
 WNN Wann

## Nevado

C ADM NRDS (USGS)  
 ALA Alamo (USGS)  
 U ANCR Anchorite (REN)  
 C APK Angel's Peak (USGS)  
 APKW Angels Peak (USGS)  
 R APNR Astor Pass (REN)  
 C AT-NV Austin (LRSM)  
 C BCN Boulder City (USGS)  
 C BEA Beatty (USGS)  
 BFC Buffalo Canyon (REN)  
 BGB Big Butte (USGS)  
 C BGN Big Creek (REN)  
 BIS Bismark Peak (REN)  
 BLT Belted Range (USGS)  
 BMN Battle Mountain (REN)  
 C BMT• Black Mountain (USGS)  
 BMTN Black Mountain (USGS)  
 R BNPB Boundary Peak (CDWR)  
 BONR Boundary Peak (REN)  
 R BOX Box Canyon (REN)  
 BRO Bore Mountain (USGS)  
 C BTY Beatty (USGS)  
 C BUK 413 (USGS)  
 R BYX Boyer Ranch (REN)  
 U CANR Condelaria (REN)  
 CDH1 Colico Hills (USGS)  
 CDH5 Colico Hills (USGS)  
 C CMN Crown Mine (REN)  
 CND Currant (REN)  
 U COLR Columbus (REN)  
 U COTR Cottonwood (REN)  
 C CPN CP-17 (USGS)  
 CPX CP-1 (USGS)  
 C CO-NV Coliente (LRSM)  
 CTS Cactus Peak (USGS)  
 C CU-NV Currant (LRSM)  
 DIXR Dixie Hot Springs (REN)  
 DLM Delomar Mountains (USGS)  
 R DSM Dog Skin Mountain (REN)  
 R EHN Echo Peak (USGS)  
 C EK-NV Eureka (LRSM)  
 C EKO Elko (REN)  
 ELK Elko (LAC)  
 C ELY Ely (SAND)  
 EPR East Panagot Range (USGS)  
 U ESTR Eastside (REN)  
 C ETS Engine Test Stond (USGS)  
 EUR Eureka (NEIS)  
 U EXC Excelsior (REN)  
 C EY-NV Ely (LRSM)  
 C EY2NV Ely (LRSM)  
 C FA-NV Faultless (LRSM)  
 FERR Ferguson (REN)  
 C FPN Fairview Peak (REN)  
 C GAB Gobbs  
 U GBT Gilbert (REN)

## Nevado--continued

C GF-NV Goldfield (LRSM)  
 U GILR Gillis (REN)  
 GLR Groom Lake Road (USGS)  
 GMN Gold Mountain (USGS)  
 GMR Groom Range (USGS)  
 GNO Genoa (REN)  
 GRX Grover (REN)  
 C GZN Ground Zero (USGS)  
 HCK Huntton Valley (REN)  
 HCR Hot Creek Range (USGS)  
 R HLX Hale (REN)  
 U HVL Huntton Valley (REN)  
 HXX Hoyt Mine (REN)  
 C IO-NV Ione (LRSM)  
 JON Johnnie (USGS)  
 C KP-NV Kawich Peak (LRSM)  
 KRNA Kawich Range (USGS)  
 KVN Kaiserville (REN)  
 U LBP Lucky Boy Pass (REN)  
 C LDV Leadville (REN)  
 LHV Little Huntton Valley (REN)  
 C LI-NV Liberty (LRSM)  
 C LM-NV Lake Mead (LRSM)  
 C LNG Luning  
 C LO-NV Lovelock (LRSM)  
 C LO2 Pahute Meso (USGS)  
 LOP Lookout Peak (USGS)  
 LSM Little Skull Mountain (USGS)  
 U LSN Little Skull Mountain (USGS)  
 C LVK Lovelock (REN)  
 C LVN Las Vegas (USGS)  
 C LVW Las Vegas (USGS)  
 C LWN 416 (USGS)  
 C MCN Mercury (USGS)  
 C MCV Mercury (USGS)  
 MCY Mercury (USGS)  
 MGM Mogruder Mountain (USGS)  
 C MN-NV Mino (LRSM)  
 MNA Mino (REN)  
 MNV Mino (LAC)  
 MTI Mount Irish (USGS)  
 MZP Montezuma Peak (USGS)  
 C NEL Nelson (SAND)  
 NMN Nasa Mountain (USGS)  
 NPM North Pahute Meso (USGS)  
 NPN North Pahroc Range (USGS)  
 C NRM North Roinier Meso (USGS)  
 NRR North Reno (REN)  
 C NT-NV Nevado Test Site (LRSM)  
 C NT2NV Nevado Test Site (LRSM)  
 NTA Nevado Test Site Array  
 C NYC Chorley (MNLO)  
 C NYJ Joshua Tree (MNLO)  
 C NYM Climox Mine (MNLO)  
 C NYR Receiver Site (MNLO)  
 C NYS Syncline Ridge (MNLO)  
 C NYV Vern (MNLO)  
 C OB-NV Oak Springs Butte (LRSM)  
 C OB2NV Oak Springs Butte (LRSM)  
 C OB3NV Oak Springs Butte (LRSM)  
 C OVE Overton (USGS)  
 R PARR Paradise (REN)  
 C PH-NV Jorum 4 (LRSM)  
 C PH2NV Jorum 1 (LRSM)  
 C PH3NV Handley 1 (LRSM)  
 C PH4NV Handley 6 (LRSM)  
 C PMN Pahute Meso (USGS)  
 C PNR Penrod (REN)  
 PRN Pahroc Range (USGS)  
 QCS Queen City Summit (USGS)  
 C OM-NV Quartzite Mountain (LRSM)  
 U QNR Quinn River (REN)  
 C QRV Quinn River Volley (REN)  
 C REN Reno (REN)  
 C RH-NV Rowhide Mountain (LRSM)  
 C RUT Ruth (PAS)  
 C RVE Reveille Range (USGS)  
 RYN Ryon (REN)  
 C SC-NV Sutcliffe (LRSM)  
 SDH Striped Hills (USGS)  
 SGV South Grapevine Mountains (USGS)  
 SHRG Sheep Range (USGS)  
 U SIMR Simon (REN)  
 C SMN Sleeping Mountain (USGS)  
 R SOX Sue Hot Springs (REN)  
 SPRG Spotted Range (USGS)  
 SRG Seaman Range (USGS)

U. S. A.—Continued

U. S. A.—Continued

Nevada—continued

New Mexico—continued

SSP Shoshone Peak (USGS)  
C SSX SS1 (USGS)  
C ST-NV Stillwater (LRSM)  
C STM Slate Mountain (REN)  
C STX Stetian 2 (USGS)  
SVP Silver Peak Range (USGS)  
U SWN Stillwater (REN)  
C SZ-NV Shoal (LRSM)  
C TI-NV Tolicho Peak (LRSM)  
TMBR Timber Mountain (USGS)  
TMN Timber Mountain (USGS)  
TNP Tonopah (REN)  
C TP-NV Tippihah (LRSM)  
TPH Tonopah (SAND)  
C TPK Tolicho Peak (USGS)  
TPU Tempiute Mountain (USGS)  
C TPV Tonopah (USGS)  
C TSV Twin Springs (USGS)  
C UVN Unionville (REN)  
VIP Virginia Peak (REN)  
R WAD Wadsworth (REN)  
WCN Washoe City (REN)  
C WI-NV Winnemucca (LRSM)  
U WLDR Wildhorse (REN)  
C WMN Winnemucca (REN)  
WRN Warthington Mountains (USGS)  
R WSH Washington Hill (REN)  
C WSN Warm Springs (USGS)  
C WSR Warm Springs Repeater (USGS)  
R WTCR Whites Canyon (REN)  
C WZ-NV Warm Springs (LRSM)  
C YF-NV Yucca Flat NTS (LRSM)  
C YF2NV Yucca Flat NTS (LRSM)  
C YF3NV Yucca Flat NTS (LRSM)  
C YF4NV Yucca Flat NTS (LRSM)  
C YM-NV Yucca Mountain (LRSM)  
YMT1 Yucca Mountain (USGS)  
YMT2 Yucca Mountain (USGS)  
YMT3 Yucca Mountain (USGS)  
YMT4 Yucca Mountain (USGS)  
YMT5 Yucca Mountain (USGS)  
YMT6 Yucca Mountain (USGS)  
C ZOZ Ground Zero (USGS)

New Hampshire

BNH Berlin (WES)  
DNH Durham (CAM)  
C FNN Franconia Notch  
HNH Hanover (WES)  
LANH Laconia  
C LB-NH Lebanon (LRSM)  
C LS-NH Lisbon (LRSM)  
ONH Oakhill (Concord) (CAM)  
PNH Pitcher Mountain (CAM)  
WBNH Wolfeboro  
WNH Whiteface (CAM)

New Jersey

ABMC Merrill Creek (BLMY)  
C CNJ Catfish Pond (PAL)  
DENJ Denville (BLMY)  
EPMC Merrill Creek (BLMY)  
FHMC Merrill Creek (BLMY)  
GMTN Gorret Mountain (PAL)  
GPD Greenpond (PAL)  
HRMC Merrill Creek (BLMY)  
LVNJ Long Valley (PAL)  
MONJ Montclair (BLMY)  
C OGD Ogdensburg (PAL)  
PDMC Merrill Creek (BLMY)  
PEMC Merrill Creek (BLMY)  
PFMC Merrill Creek (BLMY)  
PMMC Merrill Creek (BLMY)  
C PNJ Paterson  
PQN Pahaquarry (PAL)  
PRIN Princeton (PAL)  
C PVN Peters Valley (PAL)  
RAMA Ramopa Mountain (PAL)  
C TABN Tabernacle (PAL)

New Mexico

ABQ Albuquerque (NEIS)  
R ALBQ Albuquerque (NEIS)  
ALO Albuquerque (NEIS)  
ANMO Albuquerque (NEIS)  
C BBN Black Butte (SNM)  
C BRC Borley Canyon (LOA)

C CCN Cachucho Ranch (NEIS)  
CDN Cerro del Durozano (NEIS)  
CLN Carlsbad (SNM)  
CLN2 Carlsbad (SNM)  
CLN4 Carlsbad (SNM)  
CLN7 Carlsbad (SNM)  
CLP Clora Peak (LOA)  
C CNM Chama (NEIS)  
COH Cochiti (NEIS)  
R CZL Cerro Azul (LOA)  
DMPK Deadman Peak (LOA)  
C DNM Dulce (NEIS)  
EST Estancia (NEIS)  
EUM Eureka Mesa (LOA)  
C FARG Formington (LOA)  
C FCN Frijoles Canyon (LOA)  
C GB-NM Gasbuggy (LRSM)  
C GN-NM Gnome (LRSM)  
GNM Golden (NEIS)  
JOAQ Jooquin Lookout (LOA)  
R JUM Jug  
KT1 Kermit (USGS)  
C KT2 Kermit (USGS)  
C KT5 Kermit (USGS)  
LAD Ladron Mountain (NEIS)  
C LC-NM Las Cruces (LRSM)  
C LCV La Cueva (LOA)  
C LFC Lake Fork Canyon (LOA)  
C LOA Los Alamos (LOA)  
LPM Los Pinos Mountain (NEIS)  
C ML-NM Mogollon (LRSM)  
MLM Mesa Lucera (NEIS)  
MSA Mount San Antonio (LOA)  
MTL Mount Taylor (LOA)  
NMH New Mexico Highlands  
OTZ Ortiz Mountain (LOA)  
REDP Redondo Peak (LOA)  
C RIO Rio Grant (Caja del Rio) (LOA)  
C RT-NM Raton (LRSM)  
SNM Socorro (SNM)  
SPD Saint Peter's Dame Lookout (LOA)  
C SRF Snake Ranch Flats (SNM)  
C SRM Socorro—La Joya (SNM)  
SVM Silver City (NEIS)  
C TC-NM Truth or Consequences (T or C) (LRSM)  
C TD-NM Tres Piedras (LRSM)  
TSP Tesuque Peak (LOA)  
TTP Tetilla Peak (LOA)  
WMA West Mesa (NEIS)

New York

ABRN Auburn (BLMY)  
C ADN Adams (PAL)  
C ALF Alfred (PAL)  
ALX Alexander Bay (PAL)  
AMNH Manhattan (PAL)  
ANNS Annsville (BLMY)  
C APH Airport Hangar (PAL)  
C ATT Attica (PAL)  
BERL Berlin (BLMY)  
C BFF Buffalo—Larkin  
BGR Bangor (PAL)  
BING Binghamton (PAL)  
BIPS Buchanan (BLMY)  
R BLMY Blum (BLMY)  
C BML Blue Mountain Lake (PAL)  
BNY Binghamton  
C BUF Buffalo  
CAMB Cambridge (BLMY)  
C CANY Canisus (PAL)  
CAZE Cazenovia (BLMY)  
CHAU Chaumont (BLMY)  
R CHRY Catts Hollow Road (BLMY)  
CLAR Clarkstown (BLMY)  
C CLIN Clinton (PAL)  
C CLY Crystal Lake (PAL)  
CNY City College of New York  
COSP Cold Spring (BLMY)  
CRNY Cross River (PAL)  
CROG Craghan (PAL)  
CSRY Cold Spring River (PAL)  
CTR Castle Rock (PAL)  
C DANY Dannemora (PAL)  
R DBMY Dunderburg Mountain (BLMY)  
C DH-NY Delhi (LRSM)  
DHN Doyle Hill (PAL)  
C DNY Dersam (PAL)

## NORTH AMERICA

## U.S.A.--Continued

## U.S.A.--Continued

## New York--continued

C DP-NY Deposit (LRSM)  
 R DPLY Delli Pooli (BLMY)  
 C DSN Dusing (PAL)  
 C EGN Eagle's Nest (PAL)  
 C ELM Elma (PAL)  
 ELNV Ellenville (BLMY)  
 C FOR Fordham  
 GARN Garrison (BLMY)  
 GCY Glen Cove  
 GERM Germantown (BLMY)  
 C GFN Grafton (PAL)  
 GILB Gilboa (BLMY)  
 GLOV Gloversville (BLMY)  
 GNF Goodnow Flow (PAL)  
 R GOBY Gobbelet (BLMY)  
 R GSCY Girl Scout Camp (BLMY)  
 HAVE Hoverstraw (BLMY)  
 C HMB Homburg (PAL)  
 C HNY Hamilton (PAL)  
 INY Ithaca (INY)  
 C ITH Ithaca  
 LCNA Lacona (BLMY)  
 LILH Lima (BLMY)  
 MEDY Medina (PAL)  
 MSNY Massena (PAL)  
 C OAK Oakfield (PAL)  
 C OCN Over Castle Rock (PAL)  
 ONTR Ontario (BLMY)  
 R OSBY Osborn (BLMY)  
 OSNY Ossining (BLMY)  
 OSWG Oswego (BLMY)  
 PAL Palisades (PAL)  
 PHEL Phelps (BLMY)  
 R PKNY Stone Ridge  
 PNY Plattsburgh (PAL)  
 R PONY Stone Ridge  
 PTN Potsdam (PAL)  
 PUTN Putnam (BLMY)  
 QLNQ Queensboro Lake (BLMY)  
 RLSP Rockland Lake (BLMY)  
 C RMO Rochester--Mercier  
 ROC Rochester--Odenbach  
 ROTD Rotterdam (BLMY)  
 RSNY Adirondack (SAND)  
 SANY Sanborn (PAL)  
 R SFN Sterling Forest (PAL)  
 C SFO Sterling Forest (PAL)  
 SKLY Ski Hill Lift (PAL)  
 C SKN Skaneateles (PAL)  
 SNPY Stony Point (BLMY)  
 SONY Sodus (BLMY)  
 R SPNY Stone Ridge  
 R SPSY Saint Peters School (BLMY)  
 R SRMY Schermon (BLMY)  
 R STLY Stiles (BLMY)  
 STWA Stillwater (BLMY)  
 SUFF Suffern (BLMY)  
 TBR Table Rock (PAL)  
 TRY Troy  
 C TUS Tuscarora (PAL)  
 C UWL Utowano Lake (PAL)  
 WEST Westmoreland (BLMY)  
 R WGLY Wegel (BLMY)  
 C WLI Wellesley Island (PAL)  
 WMNY West Monroe (BLMY)  
 WND Windham (PAL)  
 WNY Wilmington (PAL)  
 WPNY West Park (PAL)  
 C WPR Ward Pound Ridge (PAL)  
 WTVL Waterville (BLMY)  
 WVLY West Valley (PAL)

## North Carolina

C AE-NC Albemarle (LRSM)  
 AVNC Asheville (TEIC)  
 BENN Benn Knob (TEIC)  
 BRBC Blue Ridge Broadcasting Company (TEIC)  
 CEH Chapel Hill  
 C CHC Chapel Hill  
 C CPC Cherry Point  
 C ER319 Early Rise 319 (LRSM)  
 GFM Grandfather Mountain (TEIC)  
 PKNC Pares Knob (TEIC)  
 RBNC Richland Balsam (TEIC)  
 RICH Rich Mountain (TEIC)  
 RNC Raleigh  
 TRYN Tryon Peak (TEIC)

## North Carolina--continued

WNC Wilmington

## North Dakota

C HH-ND Honnoh (LRSM)  
 C HH2ND Honnoh (LRSM)  
 C RY-ND Ryder (LRSM)  
 C TS-ND Trotters (LRSM)

## Ohio

AN1 Anna (AAM)  
 AN10 Anna (AAM)  
 AN11 Anna (AAM)  
 AN12 Anna (AAM)  
 AN3 Anna (AAM)  
 AN4 Anno (AAM)  
 AN7 Anna (AAM)  
 AN8 Anna (AAM)  
 AN9 Anna (AAM)  
 BGO Bowling Green  
 CLE Cleveland  
 C CNN Cincinnati  
 C GZ-OH Galion (LRSM)  
 MLF Milford  
 UTO University of Toledo

## Oklahoma

ACO Alabaster Cavern State Park (TUL)  
 C AK-OK Atoka (LRSM)  
 C AL-OK Antlers (LRSM)  
 C AM-OK Ardmore (LRSM)  
 C AP-OK Apoche (LRSM)  
 ATO Altona  
 BHO Bethel (TUL)  
 C CDO Cedar Creek (TUL)  
 C CRO Carnasow Mountain Lookout Tower (TUL)  
 C CT-OK Cloyton (LRSM)  
 C DU-OK Durant (LRSM)  
 C GBO Fort Gibson (TUL)  
 C HB-OK Hobart (LRSM)  
 R JCE1 John's Creek (TUL)  
 MEO Meers (TUL)  
 C MFO Meers Fault (TUL)  
 C MRO Meridian (TUL)  
 C MZO Mozie Landing (TUL)  
 C NMO Norman (TUL)  
 OCO Oklahoma City (TUL)  
 C OLO Oologah (TUL)  
 PCO Ponca City (TUL)  
 C QMO Quartz Mountain State Park (TUL)  
 QZO Quartz Mountain State Park (TUL)  
 RLO Rose Lookout Tower (TUL)  
 RRO Red Rock Canyon (TUL)  
 R SCE1 Shell Creek (TUL)  
 SIO Slick (TUL)  
 C TO-OK Tishomingo (LRSM)  
 C TSO Tulsa  
 TUL Tulsa (Oklahoma Geophysical Observatory) (TUL)  
 VVO Vivion (TUL)  
 C WA-OK Watson (LRSM)  
 WLO Wilson (TUL)  
 C WMO Wichita Mountains Arroy

## Oregon

R ALO Ashland  
 C BMO Blue Mountains Arroy (NEIS)  
 C BT-OR Bates (LRSM)  
 COR Corvallis  
 FMC Four Mile Canyon  
 HMO H. Mason (Portland State University)  
 HRO Hermiston (SEA)  
 KFO Klamath Falls  
 C KR-OR Crane (LRSM)  
 MFW Milton-Freewater (SEA)  
 C PK-OR Pilot Rock (LRSM)  
 PMT Pine Mountain  
 C PN-OR Pine Creek (LRSM)  
 PNO Pendleton (SEA)  
 C PT-OR Pendleton (LRSM)  
 PTD Portland  
 C SA-OR Seneca (LRSM)  
 C SR-OR Sparta (LRSM)  
 C UK-OR Ukiah (LRSM)  
 VBEM Beaver Butte (MNLO)  
 VBPM Bald Peter (MNLO)  
 VCLM Crater Lake (MNLO)  
 VCMM Chase Mountain (MNLO)  
 VFBM Frederick Butte (MNLO)

TABLE 3  
NORTH AMERICA

REGIONS

U. S. A.—Continued

Oregon—continued

VGMM Grass Mountain (MNLO)  
VGPM Green Peter (MNLO)  
VGTM Goat Mountain (MNLO)  
VHBM Hamelton Butte (MNLO)  
VHEM Hood Meadows East (MNLO)  
VHHM High Heaven (MNLO)  
VHOM Mount Hebo (MNLO)  
VHYM Horsefly Mountain (MNLO)  
VIPM Ingram Point (MNLO)  
VJYM Jersey (MNLO)  
VLMM Lorch Mountain (MNLO)  
VMHM Mount Hagen (MNLO)  
VMNM Maupin (MNLO)  
VPIM Pine Mountain (MNLO)  
VPMM Saint Patrick Mountain (MNLO)  
VRBM Round Butte Dam (MNLO)  
VSBM Spring Butte (MNLO)  
VSCM Scott Mountain (MNLO)  
VSMM Salem (MNLO)  
C VT-OR Venator (LRSM)  
VTCM Trout Creek Butte (MNLO)  
VTDN The Dalles (MNLO)  
VTHM Trough (MNLO)  
VWBM Wanaga Butte (MNLO)  
VWMM Walker Mountain (MNLO)

Pennsylvania

R ABG Abington (SCP)  
C AS-PA Altoona (LRSM)  
C BB-PA Bloomsburg (LRSM)  
C BD-PA Bedford (LRSM)  
C BR-PA Berlin (LRSM)  
C BV-PA Belleville (LRSM)  
R BVR Beaver (SCP)  
C ER300 Early Rise 300 (LRSM)  
C ER301 Early Rise 301 (LRSM)  
C ER302 Early Rise 302 (LRSM)  
C ER303 Early Rise 303 (LRSM)  
R ERP Erie (SCP)  
C GT-PA Galesburg (LRSM)  
C HD-PA Howard (LRSM)  
C HKP Hidden Lake (PAL)  
KTZ Kutztown  
C LT-PA Lewistown (LRSM)  
C MR-PA Middleburg (LRSM)  
C MS-PA Montrose (LRSM)  
MVL Millersville State College  
C NKP New Kensington  
C PHI Philadelphia  
C PIT Pittsburgh  
C PJ-PA Pottstown (LRSM)  
SCP State College (SCP)  
C SH-PA Shamokin (LRSM)  
C SSL Sunset Lake (PAL)  
C TU-PA Tunkhannock (LRSM)  
C WAY Waynesburg (PAL)

Rhode Island

C LAF Lafayette (WES)

South Carolina

BCS Baptist College of Charleston (USGS)  
BOW Bowman (USGS)  
CCS Cowcow Swamp (USGS)  
CHF Calhoun Falls (USGS)  
COW Cow Castle Creek (USGS)  
C CSC Columbia  
DRC Dorchester (USGS)  
C FMF Francis Marion National Forest (USGS)  
C GVS Graniteville (USGS)  
HBF Harts Bluff (USGS)  
HWD Hollywood (USGS)  
JSC Jenkinsville (USGS)  
LHS Liberty Hill (USGS)  
R LSC Lexington  
MGS Middleton Gardens (USGS)  
C MKC Moncks Corner (USGS)  
MTT Monetta (USGS)  
C NHS North Hampton (USGS)  
OSB Orangeburg (USGS)  
C OSC Orangeburg (USGS)  
PBF Parcher Bluff (USGS)  
PBS Pigeon Bay (USGS)  
C PPS Pierpont (USGS)  
PRM Parsons Mountain (USGS)  
ROW Rowesville (USGS)  
SBK Seabrook (USGS)

U. S. A.—Continued

South Carolina—continued

SGS St. George (USGS)  
C SMA Summerton (USGS)  
SMSC Smeltzer Mountain (USGS)  
SRPD Savannah River Plant—D-Area  
SRPN Savannah River Plant—Navy  
SRPW Savannah River Plant—Well DRB-10  
SVS Slandville (USGS)  
TRK Turkey Creek (USGS)  
VEW Oceanview (USGS)  
VRN Varnville (USGS)  
C VSC Varnville (USGS)  
WMS West Middle School (USGS)  
WSS West Ashley (USGS)  
ZIN Mount Zion Church (USGS)

South Dakota

C AY-SD Academy (LRSM)  
C CO-SD Colome (LRSM)  
C DL-SD Dell Rapids (LRSM)  
EBS Eagle Butte  
C LEA Lead  
C MC-SD Mitchell (LRSM)  
RCD Rapid City  
C RG-SD Redig (LRSM)  
RSSD Black Hills (SAND)  
C SX-SD Solem (LRSM)  
C SY-SD Stickney (LRSM)  
C WN-SD Winner (LRSM)

Tennessee

ABTN Auburntown (TVA)  
ANTN Anderson (TVA)  
BHT Blowhole (TEIC)  
C CA-TN Caryville (LRSM)  
CBT Christianburg  
C CGTN Cumberland Gap (TEIC)  
CHTN Church Hills (TVA)  
C COTN Columbia (TVA)  
C CP-SD Cumberland Plateau Observatory (LRSM)  
C CPO Cumberland Plateau (NEIS)  
CPOI Cumberland Plateau (TVA)  
CRTN Comb Ridge (TVA)  
C CS-TN Crossville (LRSM)  
C CV-TN Centerville (LRSM)  
DCT Ducktown  
C DY1 Dyersburg (SLM)  
C DY2 Lassiter (SLM)  
C DY3 Tiptonville (SLM)  
C DY4 Samburg (SLM)  
C DY5 Lassiter Corners (SLM)  
EBZ Ebenezer Church (TEIC)  
ETT Etowah (TEIC)  
GBTN Greenback (TEIC)  
GLT Gallatin (TEIC)  
GRT Gratio (SLM)  
C HHT Hurricane Hollow (SLM)  
HPKT Knoxville (TVA)  
C JS-TN Jackson (LRSM)  
C LE-TN Lewisburg (LRSM)  
C LF-TN La Follette (LRSM)  
LMTN Little Mountain (TVA)  
LTN Lennox (SLM)  
MET Memphis (TEIC)  
C MM-TN McMinnville (LRSM)  
MOTN Model (TVA)  
C MPH Memphis (TEIC)  
C MX-TN Manchester (LRSM)  
NATN Natchez Trace State Park (TVA)  
NKT Nankipoo (SLM)  
OKG Oak Grove (SLM)  
ONTN Oneida (TVA)  
ORT Oak Ridge  
C PB-TN Parsons (LRSM)  
PDTN Piedmont (TVA)  
RCT Riceville  
RHT Red Hill  
RSCP Cumberland Plateau (SAND)  
C SFTN Shelby Forest (TEIC)  
SHTN Soudy Hook (TVA)  
SLTN Sullivan (TVA)  
SMTN Short Mountain (TEIC)  
C SWTN Sewanee (TVA)  
TKL Tuckaleechee Caverns (TEIC)  
TLT Tellico Plains  
TSTN Townsend  
UTM University of Tennessee at Martin  
WMTN White Oak Mountain (TVA)

## NORTH AMERICA

## U.S.A.--Continued

## U.S.A.--Continued

## Tennessee--continued

C WT-TN Wartburg (LRSM)  
C ZTZ Zu Zu (SLM)

## Texas

ATX Austin (ATX)  
C AUS Austin  
C AZ-TX Amarillo (LRSM)  
C BM-TX Balmoreo (LRSM)  
C CEC Childress (MNLO)  
CMTX Cooper Mountain  
C CNE Childress (MNLO)  
C CNO Childress (MNLO)  
C CNW Childress (MNLO)  
C CSE Childress (MNLO)  
C CSW Childress (MNLO)  
C CWT Childress (MNLO)  
DAL Dallas (DAL)  
C DGT\* Dallas-GT  
C DLS Dallas  
C DNT Denton  
C EF-TX Eagle Flat (LRSM)  
C EO2TX Elmo (LRSM)  
C EP-TX El Paso (LRSM)  
EPT El Paso  
FMTX Flower Mountain (ATX)  
C FO-TX Fort Stockton (LRSM)  
FRTX Fuller Ranch  
C GA-TX Grand Saline (LRSM)  
C GA2TX Grand Saline (LRSM)  
C GA3TX Grand Saline (LRSM)  
C GL-TX Garland (LRSM)  
C GR1TX Grit (LRSM)  
C GR2TX Grit (LRSM)  
C GV-TX Grapevine (LRSM)  
C HE-TX Hempstead (LRSM)  
C HET Houston--Electro-Tech  
HKT Hockley (HKT)  
HOU Houston  
JCT Junction  
JRTX Jordan Ranch  
C JU-TX Juno (LRSM)  
K1E Kermit (USGS)  
KIT Kermit (USGS)  
KKT Kermit (USGS)  
KM2 Kermit (USGS)  
KM3 Kermit (USGS)  
KM5 Kermit (USGS)  
KM6 Kermit (USGS)  
KM9 Kermit (USGS)  
C KME Kermit (USGS)  
KT3 Kermit (USGS)  
KT4 Kermit (USGS)  
KT7 Kermit (USGS)  
KT8 Kermit (USGS)  
C KT9 Kermit (USGS)  
C KTE Kermit (USGS)  
C KTT Kermit (USGS)  
KTX Kermit (USGS)  
C LP-TX La Pryor (LRSM)  
LTX Lojitas (DAL)  
LUB Lubbock  
MOT McDonald Observatory (HKT)  
MT1 Barrocho Peak (HKT)  
MT2 Eagle Mountain (HKT)  
MT3 Miller Ranch (HKT)  
MT4 Brite Ranch (HKT)  
R MTX Morathon (DAL)  
NSLM New Salem (ATX)  
C PO-TX Post (LRSM)  
PRST Prospect (ATX)  
C SA2TX San Angelo (LRSM)  
C SA4TX San Angelo (LRSM)  
R SFTX Shafter (DAL)  
C SJ-TX San Jose (LRSM)  
C SK-TX Shamrock (LRSM)  
C SM-TX Seymour (LRSM)  
C SS-TX Sanderson (LRSM)  
C ST1TX Streeter (LRSM)  
C ST2TX Streeter (LRSM)  
C ST4TX Streeter (LRSM)  
R TTX Tres Cuevas (DAL)  
C WP-TX Willis Point (LRSM)  
C ZAV Zavalla

## Utah

R DRU Draper

## Utah--continued

Beaver County  
R BAP Bailey Peak (SLCI)  
BKU Beaver Lake Mountains (SLC)  
BVK Beaver Lake (SLCI)  
CVE Cedar Cove (SLCI)  
LWA Lower Mog Wash (SLCI)  
R MLU Milford (SLC)  
MWA Mog Wash (SLCI)  
OPL Opol Mound (SLCI)  
PCY Pole Canyon (SLCI)  
RHU Roosevelt Hot Springs (SLC)  
WLD Wild Horse Canyon (SLCI)  
C WW-UT Wah Wah Mountains (LRSM)  
Box Elder County  
EPU East Promontory (SLC)  
C GSUT Gun Site Peak (SLC)  
GZU Grizzly Peak (SLC)  
HVV Honsel Valley (SLC)  
LTU Little Mountain (SLC)  
C PBU Perry Basin (SLC)  
C PPU Promontory Point (SLC)  
PTU Portage (SLC)  
C RVUT Riverside (SLC)  
Coche County  
HDU Hyde Park (SLC)  
KDUT Kidman Hollow (SLC)  
C LOG Logan (SLC)  
LSUT Lucky Star (SLC)  
WVUT Wellsville (SLC)  
Carbon County  
C BCU Bear Canyon (USGS)  
FDU Ford Ridge (SLC)  
PCU Price (SLC)  
C PST Pasture Canyon (USGS)  
C SMU Sunnyside Mine (USGS)  
C SUN Sunnyside (USGS)  
Doggett County  
C FGU Flaming Gorge (SLC)  
Davis County  
ALUT Southern Antelope Island (SLC)  
ANU Antelope Island (SLC)  
C BPU Bountiful Peak (SLC)  
FPU Francis Peak (SLC)  
Duchesne County  
JLU Jordanelle (SLC)  
Emery County  
CMU Cedar Mountain (SLC)  
C FLA Flot (USGS)  
C HCU Horse Canyon (USGS)  
C SCU Sheep Canyon (USGS)  
Iron County  
ARUT Antelope Range (SLC)  
CCU Cedar City (SLC)  
DWU Dry Willow Peak (SLC)  
Juab County  
FSU Fish Springs (SLC)  
LVU Levan Peak (SLC)  
SUU Santoquin Canyon (SLC)  
Kane County  
C KN-UT Kanab (LRSM)  
KNB Kanab (LAC)  
Millard County  
CFU Cave Fort (SLC)  
FLU Foal Peak (SLC)  
C FM-UT Fillmore (LRSM)  
MNU Milford North (SLC)  
C WHU Wild Horse (SLC)  
Morgan County  
BDU Big Dutch Hollow (SLC)  
Piute County  
MSU Morysvole (SLC)  
C PUU Piute Reservoir (SLC)  
Rich County  
BMUT Block Mountain (SLC)  
MCU Monte Cristo Peak (SLC)  
RSUT Red Spur Mountain (SLC)  
Salt Lake County  
C AAU Alta (SLC)  
R BIU Bingham Canyon  
CPU Coon Peak (SLC)  
CWU Comp Williams (SLC)  
C ETU East-Traverse Mountains (SLC)  
GMU Granite Mountain (SLC)  
RBU Red Butte Canyon (SLC)  
C SAU Saltair (SLC)  
SLC Salt Lake City (SLC)

## NORTH AMERICA

## U.S.A.--Continued

## U.S.A.--Continued

## Utah--continued

San Juan County  
 C BX-UT Blanding (LRSM)  
 PV09 Paradox Valley (North La Sal) (NEIS)  
 RMU Rainbow Monument (NEIS)  
 San Pete County  
 SGU Sterling (SLC)  
 SNO Snow College  
 Sevier County  
 WCU Willow Creek (SLC)  
 Summit County  
 HTU Hoyt Peak (SLC)  
 Tooele County  
 DUG Dugway (SLC)  
 NSU North Stansbury (SLC)  
 C SBU Stansbury Island (SLC)  
 SNU Stansbury North (SLC)  
 Uintah County  
 C UBO Uinta Basin Array (SLC)  
 C VN-UT Vernal (LRSM)  
 Utah County  
 C LMU Lake Mountain (SLC)  
 NLU North Lily (SLC)  
 C SQU Squaw Peak (SLC)  
 C WMU West Mountain (SLC)  
 WMUT West Mountain (SLC)  
 Wasatch County  
 DAU Daniels Canyon (SLC)  
 DCU Deer Creek Reservoir (SLC)  
 Washington County  
 LEE Leeds (SAND)  
 Wayne County  
 MMU Miners Mountain (SLC)  
 Weber County  
 C LBUT Lower Browns Hole (SLC)  
 MOUT Mount Ogden (SLC)  
 C OGU Ogden Bay (SLC)

## Vermont

BLVT Baltimore (WES)  
 C BUR Burlington  
 C COV Colchester (PAL)  
 DVT Derby (WES)  
 C FLE Fletcher  
 FLET Fletcher (PAL)  
 HBVT Hinesburg (PAL)  
 IVT Iro (WES)  
 C MARL Marlboro (PAL)  
 MDV Middlebury (PAL)  
 C MGV Montgamery (PAL)  
 C MPVT Montpelier (PAL)  
 C NRT Northfield

## Virginia

BAV Blacksburg (BLA)  
 C BI-VA Big Stone Gap (LRSM)  
 BLA Blacksburg (BLA)  
 BV1 Bath County 1 (BLA)  
 BV2 Bath County 2 (BLA)  
 BV3 Bath County 3 (BLA)  
 BV4 Bath County 4 (BLA)  
 CBN Carbin (NEIS)  
 CCVA Cudja Caverns (TEIC)  
 C CG-VA Cumberland Gap (LRSM)  
 C CI-VA Clintwood (LRSM)  
 C CLT Charlottesville (BLA)  
 CNV Corbin (BLA)  
 C CTV Charlottesville  
 CVL Charlottesville (BLA)  
 CVV Charlottesville  
 C ER308 Early Rise 308 (LRSM)  
 C ER309 Early Rise 309 (LRSM)  
 C ER310 Early Rise 310 (LRSM)  
 C ER311 Early Rise 311 (LRSM)  
 C ER312 Early Rise 312 (LRSM)  
 C ER313 Early Rise 313 (LRSM)  
 C ER314 Early Rise 314 (LRSM)  
 C ER315 Early Rise 315 (LRSM)  
 C ER316 Early Rise 316 (LRSM)  
 C ER317 Early Rise 317 (LRSM)  
 C ER318 Early Rise 318 (LRSM)  
 FRV Farmville (BLA)  
 R FTV Front Royal  
 C GD-VA Grundy (LRSM)  
 GHV Gaochland (BLA)  
 GSR Geological Survey, Reston (USGS)  
 HBV Harrisonburg  
 C KMV Keen Mountain (BLA)

## Virginia--continued

C LEX Lexington  
 NA11 North Anna (BLA)  
 NA12 North Anna (BLA)  
 NA2 North Anna (BLA)  
 R NA5 North Anna (BLA)  
 NAV Narrows (BLA)  
 C NV1 North Anna (BLA)  
 C NV2 North Anna (BLA)  
 C NV3 North Anna (BLA)  
 C NV4 North Anna (BLA)  
 C NV5 North Anna (BLA)  
 C NV6 North Anna (BLA)  
 C NV7 North Anna (BLA)  
 PBV Petersburg (BLA)  
 PLVA Point Lookout (TEIC)  
 PUV Pulaski (BLA)  
 C SU-VA Schuyler (LRSM)  
 R VBV Virginia Beach  
 VWV Potts Mountain (BLA)  
 WMV Walker Mountain

## Washington

ALD Alter Ridge  
 BDG Badger Mountain (SEA)  
 BFW Baw Faw Mountain (SEA)  
 C BLL Bellingham  
 BLN Blyn Mountain (SEA)  
 C BW-WA Blewett (LRSM)  
 CBW Chelan Butte (SEA)  
 C CC-WA Cascade Tunnel (LRSM)  
 C CE-WA Concrete (LRSM)  
 C CLW Colville (SEA)  
 R CMW Cultus Mountain (SEA)  
 C CNL Connel (MNLO)  
 CPW Capitol Peak (SEA)  
 CRF Corfu (SEA)  
 DHW Dyer Hill (SEA)  
 DVW Davenport (SEA)  
 C EL-WA Ellensburg (LRSM)  
 EPW Ephrata (SEA)  
 ETP Eltopia (SEA)  
 EUW Eureka (SEA)  
 FMW Mount Fremont (SEA)  
 FPW Fields Point (SEA)  
 FTW Fairmont (SEA)  
 GBL Gable Mountain (SEA)  
 C GC-WA Glacier Peak (LRSM)  
 C GCW Grand Coulee (NEIS)  
 GHW Garrison Hill (SEA)  
 GMW Gold Mountain (SEA)  
 GSM Grass Mountain (SEA)  
 HAN Hanford  
 HGB Hanford Gable Butte  
 C HSW Hot Spot (MNLO)  
 HTW Haystack Lookout (SEA)  
 JCW Jim Creek (SEA)  
 C KE-WA Kennewick (LRSM)  
 LMW Ladd Mountain (SEA)  
 LON Longmire (SEA)  
 C LSW Landslide (MNLO)  
 C LW-WA Lake Wenatchee (LRSM)  
 C LY-WA Lynden (LRSM)  
 LYW Lyman (SEA)  
 C MAY Mayfield  
 MBW Mount Baker (SEA)  
 MCW Mount Constitution (SEA)  
 MDW Midway (SEA)  
 C MU-WA Mount Baker (LRSM)  
 NEW Newport (NEIS)  
 ODS Odessa (SEA)  
 OHW Oak Harbor (SEA)  
 OMW Omak (SEA)  
 OTH Othello (SEA)  
 C PH-WA Pomeray (LRSM)  
 PRW Prasser (SEA)  
 R RCW Richland  
 RMW Rattlesnake Mountain (SEA)  
 RPK Roosevelt  
 RSW Rattlesnake Hills (SEA)  
 SAW Saint Andrews (SEA)  
 C SCW Sherman Crater--Mount Baker (SEA)  
 R SDL Saddle Mountain  
 C SEA Seattle (SEA)  
 SHW Mount Saint Helens (SEA)  
 SMW South Mountain (SEA)  
 C SPO Spokane  
 SPW Seward Park (SEA)



## NORTH AMERICA

## U. S. A.--Continued

## Washington--continued

C STT Seattle--Marshall  
 STW Striped Peak (SEA)  
 SYR Smyrna (SEA)  
 C TK-WA Tonasket (LRSM)  
 TUM Tumwater (SEA)  
 VGB Gordon Butte (MNLO)  
 VTG Vantage (SEA)  
 WAH Wahluke (SEA)  
 WBL White Bluff  
 WBW Wilson Butte (SEA)  
 WGW Wallila Gap (SEA)  
 WIW Wooded Island (SEA)  
 WNW Wenatchee (SEA)  
 WRD Warden (SEA)  
 C YA-WA Yakima (LRSM)

## West Virginia

C AB-WV Amboy (LRSM)  
 C BL-WV Beckley (LRSM)  
 C BZ-WV Buckhannon (LRSM)  
 C CX-WV Craigsville (LRSM)  
 C ER306 Early Rise 306 (LRSM)  
 C ER307 Early Rise 307 (LRSM)  
 C FN-WV Franklin (LRSM)  
 GBV Green Bank  
 HWV Hinton (BLA)  
 MRG Morgantown  
 C PE-WV Pineville (LRSM)  
 PWV Princeton (BLA)  
 C PX-WV Philippi (LRSM)  
 C RN-WV Rainelle (LRSM)

## Wisconsin

C AO-WS Argonne (LRSM)  
 C AR-WS Aurara (LRSM)  
 C BA-WS Baldwin (LRSM)  
 C CF-WS Colfax (LRSM)  
 C CN-WS Cornell (LRSM)  
 C MDS Madison  
 C MF-WS Medford (LRSM)  
 C MLW Milwaukee  
 C NG-WS Niagara (LRSM)  
 C RL-WS Rib Lake (LRSM)  
 R RLW Rice Lake  
 C TM-WS Tamahawk (LRSM)  
 UWM University of Wisconsin at Milwaukee

## Wyoming

BDW Boulder  
 C CJW Canyon Junction (MNLO)  
 C CY-WY Cheyenne (LRSM)  
 C HK-WY Hawk Springs (LRSM)  
 IMW Indian Meadow  
 C LAR Laramie  
 C MHS Mammoth Hot Springs (MNLO)  
 C MJW Madison Junction (MNLO)  
 MVW Mud Volcano (MNLO)  
 NJW Norris Junction (MNLO)  
 C PI-WY Pinedale (LRSM)  
 C PI1 Pinedale (USGS)  
 C PI2 Pinedale (USGS)  
 C PI2WY Pinedale (LRSM)  
 C PI3 Pinedale (USGS)  
 C PI4 Pinedale (USGS)  
 C PI5 Pinedale (USGS)  
 C PI6 Pinedale (USGS)  
 C PI7 Pinedale (USGS)  
 C PIN Pinedale (USGS)  
 C PM-WY Pale Mountain (LRSM)  
 C PMW Pale Mountain (BKN)  
 C TL-WY Thermopolis (LRSM)  
 WTW West Thumb (MNLO)  
 WYO Wyoming Array  
 YMC Maple Creek (MNLO)  
 YNB Natural Bridge (MNLO)  
 R YPBR Bridge Bay (MNLO)  
 R YPGV Grant Village (MNLO)  
 R YPHS Hot Springs Basin (MNLO)  
 R YPLB Lake Butte (MNLO)  
 YPOF Old Faithful (MNLO)  
 R YPPC Pelican Cone (MNLO)  
 R YPSB Soda Butte (MNLO)  
 YTC Trail Creek (MNLO)

## PACIFIC OCEAN--OCEANIA

BELAU		HAWAIIAN ISLANDS	
C KOR	Koror (NEIS)	Hawaii	
C PLA	Palau	Hawaii	
CAROLINE ISLANDS		AHA	Ahua (HVO)
C TRU	Truk (NEIS)	AIN	Ainapo (HVO)
COOK ISLANDS		CPH	Captain Cook (HVO)
NUE	Niue (WEL)	CPK	Cone Peak (HVO)
RAR	Rarotonga (WEL)	DAH	Dandelion (HVO)
C TG-IS	Tongareva Island (LRSM)	DES	Desert (HVO)
EASTER ISLAND		ESR	Escape Road (HVO)
C EIC	Easter Island	HBH	Hawaiian Beaches (HVO)
C PSC	Isla de Pascua (SAN)	HIL	Hilo (HVO)
FIJI		HLP	Hilina Pali (HVO)
BQA	Mbengga (SVA)	HMH	Humuula Sheep Station (HVO)
GAU	Ngau Island (SVA)	HPO	Honua (HON)
R KDV	Kandavu Island (SVA)	HPU	Hale Pahaku (HVO)
R KOO	Kora-a	HTC	Hot Caves (HVO)
KRO	Kora (SVA)	HUH	Hualalai (HVO)
MBU	Mbua (SVA)	HUL	Heihei-hulu (HVO)
MGO	Magadra (SVA)	HVO	Hawaiian Volcano Observatory (Kilauea) (HVO)
MSV	Manasavu (SVA)	C HW-IS	Hawaii Island (LRSM)
R NAF	Nambara (SVA)	KAE	Kaena (HVO)
NAS	Nasangga (PAL)	C KEA	Kealakama (HVO)
NDE	Ndelaikoro (SVA)	KFH	Kaiki Faults (HVO)
NDF	Nadi (Nandi) (WEL)	KHU	Kahuku (HVO)
NGA	Ngala (SVA)	KIH	Kanekii (HVO)
NHF	Nausori Highlands (PAL)	KKH	Kailua Kona (HON)
R NMF	Viti Levu (SVA)	KKU	Keanakalu (HVO)
NMS	Namosi (SVA)	KLH	Kapapala Ranch (HVO)
OVA	Ovalau (SVA)	C KLK	Kealakekua (HVO)
SGE	South Ridge (SVA)	KMH	Puu Kamoama (HVO)
C SUV	Suva (WEL)	C KML	Kamuela (HVO)
SVA	Suva (SVA)	KNH	Kipuka Nene (HVO)
TVI	Taveuni (SVA)	C KNW	Konawaena (HVO)
UDU	Udu Point (SVA)	KOH	Kahala (HVO)
VDW	Vunindawa (SVA)	KPO	Kapoho (HVO)
VUN	Vunikawai (SVA)	KUH	Kaapuna (HVO)
YSA	Yasawa (SVA)	C M12	M12 (HVO)
FRENCH POLYNESIA		MHA	Mahukana (HON)
Society Islands		MKA	Makaopuhi (HVO)
AFR	Afareaitu (PPT)	MKH	Mauna Kea (HON)
Tahiti		MLH	Mauna Loa (HVO)
PAE	Paea (PPT)	MLX	Mauna Loa 2 (HVO)
PPN	Papenaa (PPT)	MVH	Mountain View (HVO)
PPT	Papeete (Pamitai) (PPT)	MWH	Mokuaweawe (HVO)
C TAH	Tahiti	C NAA	Naalehu (HVO)
THT	Papeete--ORSTOM	C NBH	North Bay (HVO)
TVO	Taravaa (PPT)	NGH	National Guard (HVO)
Tuamotu Archipelago		NPH	North Pit (HVO)
AMN	Amanu (PPT)	OUT	Outlet (HVO)
FRT	Faratahi (PPT)	C PAH	Pahaa (HVO)
NAE	Nake (PPT)	C PHH	Puu Hulihulu (HVO)
OTP	Otepa (PPT)	PHO	Puu Honuaula (HVO)
PMO	Pomariaria (PPT)	PKL	Puu Kaliu (HVO)
RUV	Rauvai (PPT)	PLL	Puu Uloula (HVO)
TPT	Tiputa (PPT)	POH	Pohaiiki (HVO)
VAH	Vaihaa (PPT)	PPL	Puu Pili (HVO)
Gambier Islands		PUH	Puahi (HVO)
RKT	Rikitea (PPT)	PWH	Paliokae Pali (HVO)
Tubuai Islands		RIM	Rim (HVO)
TBI	Tubuai (PPT)	SPT	South Point (HVO)
GALAPAGOS ISLANDS		SWH	Southwest Rift (HVO)
GIE	Galapagos Islands	TRH	Trail (HVO)
		UWE	Uwekahuna (HVO)
		WHA	Wahaula (HVO)
		C WHI	Whitney (HVO)
		WIL	Wilkes Camp (HVO)
		WKH	Waikii (HVO)
		WLG	Waldran Ledge (HVO)
		WOB	Weather Observatory (HVO)
		WOH	Wood Valley (HVO)
		C WPH	West Pit (HVO)
		Maui	
		HKL	Haleakala (HON)
		HLK	Haleakala (HVO)
		Oahu	
		C BAH	Barrette (HON)
		DHH	Diamond Head (HON)
		HIG	Hawaii Institute of Geophysics (HIG)
		C HNL	Honolulu (HIG)
		HON	Honolulu (HON)
		KIP	Kipapa (HON)
		C KPH	Kaena Point (HON)
		MOK	Mokapu (HON)
		C OA-IS	Oahu Island (LRSM)
		OPA	Opana (HON)
		C PUP	Pupakea (HON)

## PACIFIC OCEAN--OCEANIA

## HAWAIIAN ISLANDS--Continued

## Midway Islands

C MDY Midway (HIG)

## JOHNSTON ISLAND

C JN-IS Johnston Island (LRSM)

## KIRIBATI

## Line Islands

C FAN Fanning Island

C PR-IS Palmyra Island (LRSM)

## LOYALTY ISLANDS

OUA Ouanoham (NOU)

## MARCUS ISLAND

C MCS Marcus Island (HIG)

## MARIANA ISLANDS

## Guam

GUA Guam (Santa Rosa) (NEIS)

GUMO Guam (NEIS)

PJG Patts Junction (NEIS)

## MARSHALL ISLANDS

C EW-IS Eniwetok (LRSM)

## NEW CALEDONIA

DZM Mont Dzumac (NOU)

KOU Kaumac (NOU)

NOU Noumea (NOU)

## NORTH PACIFIC OCEAN

## Guatemala Basin

GB01 Guatemala Basin O.B.S. 1 (HIG)

GB02 Guatemala Basin O.B.S. 2 (HIG)

GB03 Guatemala Basin O.B.S. 3 (HIG)

GB04 Guatemala Basin O.B.S. 4 (HIG)

GB05 Guatemala Basin O.B.S. 5 (HIG)

GB06 Guatemala Basin O.B.S. 6 (HIG)

GB07 Guatemala Basin O.B.S. 7 (HIG)

GB08 Guatemala Basin O.B.S. 8 (HIG)

## SAMOA ISLANDS

AFI Afiamalu (WEL)

API Apia (WEL)

## SOLOMON ISLANDS

AUK Auki (HNR)

GIZ Giza (HNR)

HNR Honiara (HNR)

LBT Labete (HNR)

C RKS Reko (HNR)

SVO Sava (HNR)

VSG Visale (HNR)

## TONGA

C NIU Niuate (PAL)

NUK Nukualofa (INY)

TEK Teekin (PAL)

## VANUATU ISLANDS

DVP Devils Point (INY)

EME Emoe (INY)

EPI Epi (INY)

## VANUATU ISLANDS--Continued

INH Isangel (NOU)

LMP Lamap (NOU)

LNR Lanorore (NOU)

LUG Lugonville (NOU)

MBV Mont Bernier (INY)

PVC Port Vila (NOU)

RTV Rentapoo (INY)

SWB Southwest Bay (INY)

VLN Vanua-Lovo (Sola) (NOU)

## WAKE ISLAND

C WKE Wake (HIG)

ARGENTINA

Buenos Aires  
BAA Buenos Aires  
C CCR Chacarita  
LPA La Plata  
R TND Tandil  
VBA Sierra de la Ventana (SJA)

Catamarca  
C ANL Andalgalá

Cordoba  
C BOS Bosque Alegre  
R CRDA Cordoba  
PIL Pilar (Cordoba)  
TCA Tanti (SJA)

Entre Rios  
R RTPE La Paz (SJA)  
R RTUE Villa Urquiza (SJA)

Jujuy  
HJA Humahuaca (SJA)  
JUJ Jujuy  
C LQA Lo Quiaca  
YJA Yavi (SJA)

La Pampa  
VCA Vinchina (SJA)

La Rioja  
C CCT Chilecito  
RTPR Patquia (SJA)

Mendoza  
MAA Manantiales (ZON)  
MDZ Mendoza  
C MEN Mendoza  
RFA San Rafael (SJA)

Misiones  
R EDMA Eldorado (SJA)

Rio Negro  
R BNA Barilache (SJA)  
C CIP Cipolletti

Salta  
FSA Cafayete (SJA)  
SLA San Lorenzo (SJA)  
C SLT Salta  
R TSA Tranquitas (SJA)  
R USA Tunal (SJA)  
R VSA La Via (SJA)

San Juan  
CEN Cerro Negro (ZON)  
CFA Coronel Fontana (SJA)  
HLN Hualilan (ZON)  
LEO Leoncito (ZON)  
C PPA Pie de Palo (ZON)  
R RTBS Barreal (SJA)  
RTCB Cerro Blanca (SJA)  
RTCV Cerro Valdivia (SJA)  
RTLL Cerro Villicun (SJA)  
RTMQ Marquesado (SJA)  
R RTRS Rodeo (SJA)  
R RTVF Valle Fertil (SJA)  
R SJA San Juan (SJA)  
ZON Zonda (ZON)

San Luis  
R MRA San Martin (SJA)

Santa Cruz  
C SCA Santa Cruz

Santa Fe  
R HSFA Helvecia (SJA)  
R RTAS Cocique Ariacaiquin (SJA)  
R RTCS Cayastacita (SJA)

Santiago del Estero  
CYA Chaya (SJA)  
C TPA Tala Pozo

Tucuman  
C TCM Tucuman

ARGENTINA--Continued

Tierra del Fuego  
R UHA Ushuaia (SJA)

BOLIVIA

CCH Cochabamba (LPZ)  
CNCB Chanca (LPZ)  
C DSG Desaguadero  
R LPAZ La Paz  
LPB La Paz (LPZ)  
LPZ La Paz (San Calixta) (LPZ)  
C LZ-BV La Paz (LRSM)  
C PNS Penas (LPZ)  
C RTA Riberalta  
C SCS Sicasica  
C SMB Samaipata  
C SUC Sucre  
TPZ Tupiza (LPZ)  
C TRJ Tarija  
C ZLP Zongo (La Paz) (LPZ)  
ZOB0 Zongo (La Paz) (LPZ)

BRAZIL

Amapa  
R GNB Guaraci Nunes (BDF)

Amazonas  
R BLB Baldino (BDF)

Bahia  
SOB Sabradinho (Savelo) (VAO)  
SOB1 Sabradinho (Serra) (VAO)  
SOB2 Sabradinho (Sao Goncalo) (VAO)  
SOB3 Sabradinho (Tapuia) (VAO)  
SOB4 Sabradinho (Grosador) (VAO)

Distrito Federal  
BAE Brasilia  
BAO Brasilia Array (BDF)  
BDF Brasilia (BDF)  
R BDFB Brasilia

Espirita Santo  
R TDB Trindade Island (BDF)

Mato Grosso  
R MSB Manso (BDF)

Minas Gerais  
R BRAS Brasopolis  
R CJB Carmo Cajuru (BDF)  
R SIB Sao Simao (BDF)

Para  
ATB Altamira (BDF)  
R TCB Tucurui (BDF)

Parana  
FDA Faz do Areia (VAO)  
R FDA4 Faz do Areia (VAO)  
FDA5 Faz do Areia (VAO)  
ITB Itaipu (BDF)  
ITB1 Itaipu (BDF)  
ITB7 Itaipu (BDF)

Pernambuco  
ITR Itaporica

Rio de Janeiro  
BMA Barra Mansa  
ITA Itatiaia (VAO)  
RDJ Rio de Janeiro

Rio Grande do Norte  
CAI Caico  
C NAT Natal

Rondonia  
SRB Samuel (BDF)

Sao Paulo  
R PRB Paraibuna (BDF)  
VAO Valinhas (VAO)

## SOUTH AMERICA

CHILE	
Aconcagua	
ALH	Alicahue (SAN)
CTP	Catapilca (SAN)
JACH	Jahuel (SAN)
Antofagasta	
ANT	Antofagasta (SAN)
CAC	Calama (SAN)
MIC	Michilla (SAN)
R MTQ	Manturaqui (SAN)
C MTZ	Montezuma
OAS	Oasis (SAN)
OFA	Oficina Alemania (SAN)
C PEI	Peine
OUL	Quillagua (SAN)
SLN	Salinos (SAN)
TCN	Tacance (SAN)
C TCP	Tacapilla (SAN)
TPL	Tacapilla (SAN)
Atacama	
CAA	Chanaral (SAN)
C CLD	Caldera (SAN)
R CPIC	Capiapa
CPP	Capiapa (SAN)
C ESC	El Salvador
C SDO	Solado (SAN)
Cautin	
C TEM	Temuco (SAN)
TMU	Temuco (SAN)
Concepcion	
CON	Concepcion (SAN)
Coquimbo	
TLL	Tololo Astronomical Observatory (SAN)
Linares	
C PAN	Ponimavido (SAN)
C SJC	San Javier (SAN)
Magallanes	
C PTA	Punta Arenas (SAN)
SOM	Sombrero (SAN)
Santiago	
BACH	La Barnechea (SAN)
CHCH	Chadas Angastura (SAN)
FCH	Forellanes (SAN)
LQT	Los Queltehues (SAN)
PCH	Pirque (SAN)
PEL	Peldehue (SAN)
PUT	Punta de Tolca (SAN)
ROCH	El Roble (SAN)
SAN	Santiago (SAN)
C SCR	San Cristobal (SAN)
C SJM	San Jose de Maipo (SAN)
C STL	Santo Lucia (SAN)
TACH	Talogonte (SAN)
Tarapaca	
ARI	Arica
IQO	Iquique (SAN)
C OLL	Ollague (SAN)
Valdivia	
VLV	Valdivia
Valparaíso	
ELP	El Pongue (SAN)
C ELQ	El Quisca (SAN)
LAV	Laguna Verde (SAN)
LNV	Longavila (SAN)
UTF	Valparaíso
VLP	Valparaíso (SAN)
Easter Island	
C EIC	Easter Island
C PSC	Isla de Pascua (SAN)
Juan Fernandez Islands	
IJF	Robinson Crusoe Island

## COLOMBIA

C BCR	Bucaramanga (BOG)
BMG	Bucaramanga (BOG)
BOCO	Bagota (BOG)

## COLOMBIA--Continued

BOG	Bagota (BOG)
CHN	Chinchina (BOG)
ETC	El Centra (BOG)
FUO	Fuquene (BOG)
GAL	Galerozamba (BOG)
PSO	Pasta (BOG)
SRD	San Andres (BOG)

## ECUADOR

C NCE	NASA Catapoxi (QUI)
QAO	Observatorio Astronomica de Quito (QUI)
R QTO	Quita
C QUI	Quita (QUI)
OUR	Rumipamba (QUI)
OUT	Tumbaco (QUI)

## Galapagos Islands

GIE Galapagos Islands

## PERU

ARE	Arequipa (Characota)
ATI	Alica
AYE	Ayenquero
CHP1	Pelados (LIM)
CHP2	Carcavado (LIM)
CHP3	Chacon (LIM)
R CHP4	Algorabilla (LIM)
R CHP5	Huaypiro (LIM)
CHP7	Eten (LIM)
CHP8	Chiclaya (LIM)
C CLA	Cholo
C CRV	Caraveli
CST	Castrovirreyno (LIM)
CUS	Cuzco
R HCO	Huanuca (LIM)
HUA	Huancayo (LIM)
HUZ	Huarez (LIM)
ICA	Ica (LIM)
LIM	Lima (LIM)
C LM2	Lima (Magdalena) (LIM)
MRF	Miraflores
NNA	Nano (LIM)
C ONG	Ongara
C PCS	Paracas (LIM)
R PP02	Calachata (LIM)
R PP03	Condor (LIM)
R PP04	Soromarca (LIM)
R PP05	Tocota (LIM)
PP06	Puquio (LIM)
R PP07	Ayacucha (LIM)
R PP08	Chalhuanca (LIM)
R PP09	Villa El Salvador (LIM)
R PP10	Ancon (LIM)
PT01	Marra Salar (LIM)
PT02	Quillmana (LIM)
PT03	Guadalupe (LIM)
PT04	Zamaco (LIM)
R PT05	Jicomarca (LIM)
PT06	Pisca (LIM)
PT08	Suche (LIM)
PT09	Santa Fe (LIM)
PT10	Comocha (LIM)
PT11	Juni (LIM)
PUN	Puno
C PVP	Puebla Vieja
C QUM	Quillmana (LIM)
C SGP	San Gregoria
C SHP	Santa Helena
C SJN	San Juan
R SJU	San Juan (LIM)
TAL	Talara
TRP	Trujillo

## VENEZUELA

R BCV	Bacana (CAR)
C BLV	Boiladares (CAR)
CAR	Coracas (CAR)
CBV	Ciudad Bolivar (CAR)
R CCV	Caicara (CAR)
R CPV	Carupana (CAR)
CUM	Cumana (CAR)
R ECV	El Callao (CAR)

## SOUTH AMERICA

## VENEZUELA--Continued

EHV	El Hoto (CAR)
R GMC	Macogua (GUV)
R GMV	El Manteco (GUV)
R GTV	Cerro Taribio (GUV)
GUV	Guri (GUV)
R GUV1	Guri Network (GUV)
R GUV2	Guri Network (GUV)
R GUV3	Guri Network (GUV)
R GUV4	Guri Network (GUV)
R GUV5	Guri Network (GUV)
R IAV	Islo Aves (CAR)
R JCV	Junquita-Caracas (CAR)
R LEV	Lama de el Viento (GUV)
LGN	Lagunillas (CAR)
R MGv	Margarita (CAR)
R MRV	Maracaiba (CAR)
PMV	Pica Espejo (UAV)
R SBV	San Cristobal (CAR)
SDV	Santa Dominga (CAR)
SIR	Siria (CAR)
TOV	El Tocuya (CAR)
UAV	Universidad de los Andes (Merida) (UAV)
R UAV1	Merida network (UAV)
R UAV2	Merida network (UAV)
R URV	Uribante (CAR)

## -- ALBANIA --

Seismological Center, Academy of Sciences of Albania,  
Tirone

Network code: TIR

Albania  
FRZ Fierza  
KBN Korca  
KKS Kukes  
KMA Kom  
PHP Peshkopi  
PUK Puka  
SDA Shkoder  
SRN Saranda  
TIR Tirone  
VLO Vloro

## -- ALGERIA --

C.N.A.A.G., Alger-Bouzareah, Algeria

Network code: ALG

Algeria  
ABA Alger-Bouzareah  
ALG Algiers  
MFR Mefraiche  
OFD Oued Fadda  
RLA Relizane  
SET Setif  
TAM Tamanrasset  
TEC Tiemcen

## -- ARGENTINA --

INPRES, San Juan, Argentina

Network code: SJA

VBA Buenos Aires, Argentina  
Sierra de la Ventana  
TCA Cordoba, Argentina  
Tanti  
R RTPE Entre Rios, Argentina  
R RTUE La Paz  
Villa Urquiza  
HJA Jujuy, Argentina  
YJA Humahuaca  
Yavi  
VCA La Pampa, Argentina  
Vinchina  
RTPR La Rioja, Argentina  
Patquia  
RFA Mendoza, Argentina  
San Rafael  
R EDMA Misiones, Argentina  
Eldorado  
R BNA Rio Negro, Argentina  
Barilache  
FSA Salta, Argentina  
Cafayete  
SLA San Lorenzo  
R TSA Tranquitos  
R USA Tunal  
R VSA La Via  
CFA San Juan, Argentina  
R RTBS Coronel Fontana  
RTCB Barreal  
RTCV Cerra Blanco  
RTLL Cerro Valdivia  
RTMQ Cerro Villicun  
Morquesado  
R RTRS Rodea  
R RTVF Valle Fertil  
R SJA San Juan

## -- ARGENTINA --

SJA Network--Continued

R MRA San Luis, Argentina  
San Martin  
R HSFA Santa Fe, Argentina  
R RTAS Helvecia  
R RTCS Cocique Ariocoiquin  
Coyostacito  
CYA Santiago del Estero, Argentina  
Choyo  
R UHA Tierra del Fuego, Argentina  
Ushuaia

Instituto Sismologico Zonda, San Juan, Argentina  
Network code: ZON

MAA Mendoza, Argentina  
Manantiales  
CEN San Juan, Argentina  
Cerro Negro  
HLN Hualilan  
LEO Leancito  
C PPA Pie de Palo  
ZON Zonda

## -- AUSTRALIA --

University of Adelaide, Australia  
Network code: ADE

South Australia, Australia  
ADE Adelaide (Mount Bonython)  
CLV Cleve  
R EDO Endillioe  
R HKN Hawks Nest  
HTT Hallett  
C ILN Island Lagoon  
PNA Partacoono  
R RPA Roopena  
C SNL Sevenhill  
UMB Umberatona  
WKA Willalooko  
R WSA Woomera

Bureau of Mineral Resources, Canberra, Australia  
Network code: AUST

C MAW Greater Antarctica, Antarctica  
Mawson  
C WIL Wilkes  
CNB Australian Cap. Terr., Australia  
Canberra Magnetic Observatory  
R KOW Kowen Forrest  
MCQ Macquarie Island, Australia  
C MQI Macquarie Island  
CMS New South Wales, Australia  
Cobar Meteorology Station  
COO Caaney (Armidale)  
MEG Meangora  
STK Stephens Creek  
C NIA Norfolk Island, Australia  
Norfolk Island  
C ASP Northern Territory, Australia  
Alice Springs  
C ASPA Alice Springs  
DAR Darwin  
MTN Monton  
RMQ Queensland, Australia  
R RTQ Roma

## -- AUSTRALIA --

## AUST Network--Continued

BFD Victoria, Australia  
 MEL Bellfield  
 TOO Melbourne  
 BAI Toolong  
 R BAI Ballidu  
 C DAM Dampier  
 C GLS Giles  
 C KAA Karrotha  
 KLB Kellerberrin  
 KLG Kalgoorlie  
 R KLGA Kalgoorlie  
 KNA Kununurra  
 MBL Morble Bar  
 C MBT Morble Bar--Town  
 MEK Meekatharra  
 MRWA Morawa  
 MUN Mundaring  
 NAU Nanutarro  
 NWA Norrogin  
 NWA0 Norrogin  
 RKG Rocky Gully  
 SWV Swan View  
 C WA1 Wangan Hills  
 WA2 Wogin  
 WA3 Talbot Brook  
 C WAT Watheroo  
 WBN Worburton  
 C XMI Christmas Island  
 Christmas Island  
 C HII Heard Island  
 Heard Island

University of Queensland, Brisbane, Australia  
 Network code: BRS

BRS Queensland, Australia  
 CTA Brisbane  
 CTA0 Charters Towers  
 C KDA Charters Towers  
 C TVL Kurando  
 Townsville  
 Australian National University, Canberra  
 Network code: CAN  
 CAN Australian Cap. Terr., Australia  
 Canberra

AVO New South Wales, Australia  
 BWA Avon  
 C CAB Boorowa  
 CAH Cobramurra  
 CBR Castle Hill  
 C DLN Cobramurra  
 C GEE Dalton  
 C HLA Geehi  
 C INV Hall's Logan  
 R IVY Inverloch  
 C JIN Inverloch  
 JNL Jindabyne  
 KHA Jenolan  
 LER Khancoban  
 C MBA Lerido  
 C MEA Mount Bingor  
 TAO Manteagle  
 WAM Talbingo  
 WER Wambo  
 C WYA Werombi  
 YOU Wyongola  
 Young

R WB0 Northern Territory, Australia  
 WB2 Warromungo Array  
 WB3 Warromungo Array  
 WB4 Warromungo Array  
 R WB5 Warromungo Array  
 R WB6 Warromungo Array  
 WB7 Warromungo Array  
 R WB8 Warromungo Array

## -- AUSTRALIA --

## CAN Network--Continued

Northern Territory, Australia--continued  
 R WB9 Warromungo Array  
 WCB Warromungo Array  
 R WR0 Warromungo Array  
 WR2 Warromungo Array  
 WR3 Warromungo Array  
 WR4 Warromungo Array  
 WR5 Warromungo Array  
 R WR6 Warromungo Array  
 R WR7 Warromungo Array  
 R WR8 Warromungo Array  
 R WR9 Warromungo Array  
 WRA Warromungo Array  
 WRB Warromungo Array

C BOV Victoria, Australia  
 C BUV Bogong  
 C MTV Buchan  
 Mount Tossie

University of Tasmania, Australia  
 Network code: TAU

C FNT Tasmania, Australia  
 C LMT Fort Nelson (Hobart)  
 MOO Lemonthyme  
 R QTN Moorlands  
 SAV Queenstown  
 SFF Savonnoh  
 SPK Sheffield  
 STG Scatts Peak  
 SVR Strothgordon  
 TAU Savage River  
 TRR Tasmania University  
 Torraleah

## -- AUSTRIA --

Zentralanstalt fur Meteorologie und Geodynamik, Vienna,  
 Austria

Network code: VIE

Austria  
 GHA Gloshtetten  
 KBA Barrage Koelnbrein  
 KFA Klagenfurt  
 KMR Kremsmuenster  
 R LTA Leoben  
 MOA Moln  
 MZA Moriozell  
 PIA Pitten  
 VIE Vienna--Hohe Warte (Wien--Hohe Warte)  
 VKA Vienna--Kobenzl (Wien--Kobenzl)

## -- BELGIUM --

Observatoire Royal de Belgique, Uccle, Brussels, Belgium  
 Network code: UCC

Belgium  
 DOU Dourbes  
 GIP Gileppe  
 MEM Memboch  
 SNF Seneffe  
 UCC Uccle  
 WRM Warmifontaine

Luxembourg  
 WLF Wolferdange



## -- BOLIVIA --

Observatorio San Calixto, La Paz, Bolivia  
Network code: LPZ

Bolivia  
CCH Cochabamba  
CNCB Chonca  
LPB La Paz  
LPZ La Paz (San Calixto)  
C PNS Potos  
TPZ Tupiza  
C ZLP Zongo (Lo Paz)  
ZOB0 Zongo (Lo Paz)

## -- BRAZIL --

Universidade de Brasilia, Brazil  
Network code: BDF

R GNB Amapa, Brazil  
Guaraci Nunes  
  
R BLB Amazonas, Brazil  
Beldino  
  
BA0 Distrito Federal, Brazil  
BDF Brasilia Arroy  
Brasilia  
  
R TDB Espirito Santo, Brazil  
Trindade Island  
  
R MSB Mato Grosso, Brazil  
Manso  
  
R CJB Minas Gerais, Brazil  
Corma Cajuru  
R SIB Soa Simao  
  
ATB Para, Brazil  
Altomira  
R TCB Tucuru  
  
ITB Parana, Brazil  
Itaipu  
ITB1 Itaipu  
ITB7 Itaipu  
  
SRB Rondonia, Brazil  
Samuel  
  
R PRB Sao Paulo, Brazil  
Paraibuna

Universidade de Sao Paulo, Brazil  
Network code: VAO

SOB Bahia, Brazil  
Sabradinho (Saveto)  
SOB1 Sabradinho (Serra)  
SOB2 Sabradinho (Sao Goncalo)  
SOB3 Sabradinho (Topuio)  
SOB4 Sabradinho (Grasador)  
  
FDA Parana, Brazil  
Faz da Areia  
R FDA4 Faz da Areia  
FDA5 Faz da Areia  
  
ITA Rio de Janeiro, Brazil  
Itatiaia  
  
VA0 Sao Paulo, Brazil  
Valinhos

## -- BULGARIA --

Section of Seismology, Bulgarian Academy of Sciences,  
Sofia

Network code: SOF

Bulgaria  
DIM Dimitrovgrad  
JMB Yambol  
KDZ Kurdzhali  
MMB Musamishta  
PLD Plavdiv  
PSN Preselentsi  
PVL Povelkeni  
SOF Sofia  
VTS Vitosha

## -- CANADA --

EPB, Eastern Canada Telemetered Network, Ottawa, Canada  
Network code: ECTN

New Brunswick, Canada  
EBN Edmundston  
GGN Saint George  
KLN McKendrick Lake  
LMN Coledonia Mountain  
  
Ontario, Canada  
CKO Chalk River  
EEO Eldee  
C FHO Fitzroy Harbour  
WBO Williamsburg  
WEO Welcome  
  
Quebec, Canada  
GAC Glen Almond  
GNT Gentilly  
GRQ Grand Remous  
GSO Grosses Roches  
HTQ Hauterive  
JAQ La Grande-3  
U KAO La Grande-4  
LAQ La Grande  
LBO La Grande  
R LCO La Grande  
R LDO La Grande  
LPO La Pocatiere  
C MIO Moniwaki  
MNO Manicouagan  
MNT Montreal  
SBQ Sherbrooke  
TRO Mont Tremblant  
VDO Val d'Or

University of Alberta, Edmonton, Canada  
Network code: EDM

Alberta, Canada  
C ELD Ethyl Lake Duckett  
  
British Columbia, Canada  
C ATC Attachie  
C CCC Cusp Creek  
C CTC Chetwynd  
C FNC Finlay Fork  
C FRC Federal Ranch  
C PPC Pine Pass

Earth Physics Branch Standard Stations, Ottawa, Canada  
Network code: OTT

Alberta, Canada  
EDM Edmonton  
SES Suffield  
  
British Columbia, Canada  
C FSJ Fort Saint James  
PGC Pacific Geoscience Centre, Sidney  
PHC Port Hardy  
PNT Penticton  
C VIC Victoria  
  
Manitoba, Canada  
FCC Fort Churchill  
FFC Flin Flon

## -- CANADA --

## OTT Network--Continued

STJ Newfoundland, Canada  
Saint John's

Northwest Territories, Canada

ALE Alert

C CMC Coppermine

C FBC Frobisher Bay

FRB Frobisher

INK Inuvik

MBC Mould Bay

YKC Yellowknife

Ontario, Canada

LHC Lakehead University (Thunder Bay)

C LND London

OTT Ottawa

C SCB Scarborough

Quebec, Canada

C GWC Great White River

SCH Schefferville

C SFA Seven Falls

Earth Physics Branch Regional Stations, Ottawa, Canada  
Network code: OTTR

Alberta, Canada

C BAN Bonff

C CLM Coleman

British Columbia, Canada

BIB Bowen Island

R BNB Barry Inlet

BOB Bob Quinn Lake

R CWB Cumshewo

DLB Dease Lake

C FRN Fernie

R FSB Fort Saint James

GDR Gold River

R GOB Galiano Island

C HBC Horseshoe Bay

R LIB Longara Island

C LLL Lillooet

C MCC Mico Creek

C MCE Mico Creek

MNB Mount Dainord

MUB Muncho Lake

OFB Ocean Falls

QCC Queen Charlotte

R RUB Prince Rupert

SJB Cope St. James

SKB Skidegate

C SSQ Sandspit

TSB Tosu

VDB Vedder Mountain

R VIB Von Inlet

WGB Wells Gray

R WKB White Rock

WPB Watts Point

Manitoba, Canada

C PWM Pinow

R ULM Loc du Bonnet

New Brunswick, Canada

UNB University of New Brunswick (Fredericton)

Northwest Territories, Canada

BLC Baker Lake

IGL Igloodik

NPT Nicholson Point

RES Resolute

R SWT Sochs Harbour

R TKT Tuktoyaktuk

C TUK Tuktoyaktuk

YKA Yellowknife Arroy

Nova Scotia, Canada

R GBN Guysborough

HAL Halifax

Ontario, Canada

U BUO Burlington

C CFO Chats Falls

C DAN Done

## -- CANADA --

## OTTR Network--Continued

Ontario, Canada--continued

EFO Effingham

GTO Geroldton

KAD Kapuskosing

C KLC Kirkland Lake

SUD Sudbury

R SUO Sudbury

SXO Sioux Lookout

C WNR Windsor

Quebec, Canada

C CHQ Charlesbourg

C HMC Holland Mills

R KBQ La Gronde-4

R KCQ La Gronde-4

U LGQ La Gronde-2

LMQ La Malboie

R LQO La Gronde-4

R LRQ La Gronde 3

C LTQ La Gronde-3

C POC La Pocatiere

C SHF Showinigon Falls

SIC Sept-Îles

R SLQ Saint Louis du Ha Ha

C TMK Temiskoming

C VMC Ville Marie

Saskatchewan, Canada

BMS Big Muddy Lake

C SAS Saskatoon

Yukon Territory, Canada

C DLY Dezadeash Lake

DWY Dawson City

HYT Haines Junction

KBT Komokuk Beach

C KEY Kluene

C KRY Koidern River

U SIY Silver City

SPY Shingle Point

WHC Whitehorse

University of British Columbia, Vancouver, Canada  
Network code: UBC

British Columbia, Canada

CARB Mount Cartier

DOWB

DPRB Downie Peak Ridge

EPMB

GSTB Goldstream Park

SLEB

TABB Tabernacle Mountain

THOB Mount Thompson

EPB, Western Canada Telemetered Network, Sidney, B.C.,  
Canada

Network code: WCTN

British Columbia, Canada

ALB Alberni

BTB Buttle Lake

CBB Campbell River

EDB Eliza Dome

ETB Estevan Point

HNB Honey

C HYC Honey

MGB Mount Grey

NAB Nanaimo

OZB Mount Ozzord

PFB Port Renfrew

C PIB Pender Island

SHB Sechart

SNB Soturna Island

VGZ Gonzales

WHB Whistler

## -- CHILE --

Universidad de Chile, Santiago  
Network code: SAN

C GGV Antarctic Peninsula, Antarctica  
OHC Gabriel Gonzalez Videla  
O'Higgins

C PED South Shetland Islands, Antarctica  
Pedra Aguirre Cerdo

ALH Aconcagua, Chile  
CTP Alicahue  
JACH Catapilca  
Jahuel

ANT Antofagasta, Chile  
CAC Antofagasta  
MIC Calama  
R MTO Michilla  
Manturaqui  
OAS Oasis  
OFA Oficina Alemania  
OUL Quillagua  
SLN Salinas  
TCN Tacance  
C TCP Tacapilla  
TPL Tacapilla

CAA Atacama, Chile  
CLD Chanaral  
CPP Caldera  
C SDO Capiapa  
Salado

C TEM Cautin, Chile  
TMU Temuco  
Temuca

CON Concepcion, Chile  
Concepcion

TLL Caquimba, Chile  
Talala Astronomical Observatory

C PAN Linares, Chile  
Panimavida  
C SJC San Javier

C PTA Magallanes, Chile  
SOM Punta Arenas  
Sombreira

BACH Santiago, Chile  
CHCH La Barnechea  
FCH Chadas Angostura  
Forellanes  
LQT Las Quelltehues  
PCH Pirque  
PEL Peldehue  
PUT Punta de Talca  
ROCH El Rable  
SAN Santiago  
C SCR San Cristobal  
C SJM San Jose de Maipo  
C STL Santa Lucia  
TACH Talagante

IQD Tarapaca, Chile  
C OLL Iquique  
Ollague

ELP Valparaisa, Chile  
C ELO El Pangu  
LAV El Quisca  
LNV Laguna Verde  
Longavila  
C PSC Isla de Pascua  
VLP Valparaisa

## -- CHINA (MAINLAND) --

State Seismological Bureau, Beijing, China  
Network code: BJI

BJI Beijing, China (Mainland)  
C BJ12 Beijing (Peking)  
Beijing (Peking)

OZH Fujian, China (Mainland)  
Quanzhou

GTA Gansu, China (Mainland)  
Gaotai  
C LAN Lanzhou (Lonchaw)  
LZH Lanzhou (Lanchow)

GZH Guangdong, China (Mainland)  
Guangzhou (Canton)  
QIZ Qiangzhang

GYA Guizhou, China (Mainland)  
Guiyang (Kweiyang)

MDJ Heilongjiang, China (Mainland)  
Mudanjiang

WHN Hubei, China (Mainland)  
Wuhan

BTO Inner Mongolia, China (Mainland)  
HHC Baotou (Paotou)  
Hahhot

C NAN Jiangsu, China (Mainland)  
NJ2 Nanjing (Nanking)  
Nanjing

CN2 Jilin, China (Mainland)  
C CNH Changchun  
Changchun

DL2 Liaoning, China (Mainland)  
SNY Dalian (Luda)  
Shenyang

C SIA Shaanxi, China (Mainland)  
XAN Xian (Sian, Hsian)  
Xian (Hsian)

TIA Shandong, China (Mainland)  
Taian

C SSE Shanghai, China (Mainland)  
ZSC Sheshan  
Sheshan (Zase)

TIY Shanxi, China (Mainland)  
Taiyuan

C CD2 Sichuan, China (Mainland)  
CDU Chengdu (Chengtu)  
Chengdu (Chengtu)

C LHA Tibet, China (Mainland)  
LSA Lhasa  
Lhasa

KSH Xinjiang, China (Mainland)  
WMO Kashi (Kashgar)  
Urumqi (Wulumuchi)

KMI Yunnan, China (Mainland)  
Kunming

## -- CHINA (TAIWAN) --

Central Weather Bureau, Taipei, China (Taiwan)  
Network code: TAP

China (Taiwan)  
ALS Alishan (Arisan)  
ANP Anpu  
CHY Chia-i (Chiayi)  
HEN Heng-chun (Henchuan, Kasyun)  
HSI Hsin-kang (Hsinkong, Singkang)  
HSN Hsin-chu (Sinja)  
HWA Hua-lien (Hwalien, Karenka)

## -- CHINA (TAIWAN) --

## TAP Network--Continued

## Chino (Taiwan)--continued

ILA I-lan (Ylon, Giron)  
 KAU Kao-hsiung (Koushiong, Tokoo)  
 LAY Lon-yu  
 PNG Penghu (Hokoto)  
 TAI Tai-nan  
 TAP Taipei (Toihoku)  
 TAW Ta-wu (Dowu, Tawo)  
 TCU Tai-chung (Taityu)  
 TTN Tai-tung (Toito)  
 YUS Yu-shan (Mount Morrison)

Chinese Earthquake Research Center, Taipei, China (Taiwan)  
 Network code: TATO

China (Taiwan)  
 TATO Taipei  
 R TWA Mu-cho  
 TWC Su-oo  
 TWD Chio-won  
 R TWE Feng-lin  
 C TWF Yu-li  
 TWF1 Yu-li  
 TWG Pin-lang  
 TWK Hsin-ying  
 C TWM Shou Shan  
 TWM1 Shou Shan  
 TWO Mei-shan  
 TWO Tung-shih  
 TWZ Nei-hu (Neifu)

## -- COLOMBIA --

Universidad Joveriona, Instituto Geofisico, Bogoto,  
 Colombia

Network code: BOG

Colombia  
 C BCR Bucaramongo  
 BMG Bucaramongo  
 BOGO Bogoto  
 BOG Bogoto  
 CHN Chinchino  
 ETC El Centro  
 FUD Fuquene  
 GAL Galerazambo  
 PSO Pasto  
 SRD San Andres

Universidad Nacional, Campus Omar Dengo, Heredio, Costa  
 Rica

Network code: HDC

Costa Rica  
 CAO Cobano  
 CDM Cerro de la Muerte  
 R CTCR Caton  
 R CUV Cerro Uvita  
 EPA Esparza  
 C HDC Heredio  
 HDC2 Heredio  
 R IDC Isla del Cono  
 C IRZ Volcan Irazu  
 IRZ2 Volcan Irazu  
 JUD Juan Diaz  
 R LICR Limon  
 PBC Punta Burico  
 POA Poas  
 PTCR Potenciano  
 OPS Quepos  
 RIN Volcan Rincon de la Vieja  
 R TIG Tigre  
 R TUI Turrialba

## -- COSTA RICA --

Instituto Costarricense de Electricidad, San Jose, Costa  
 Rica

Network code: ICRE

Costa Rica  
 A10 Croter  
 #ACR Cerro Adams  
 AR1 Volcan Arenal  
 AR2 Logo de Cote  
 AR3 Tierras Morenos  
 AR4 Solanio  
 AR5 Santa Elena  
 AR6 Chiripo  
 AR7 Cobo Frio  
 AR8 Nicoya  
 AR9 Volcan Norte  
 #BUS Bueno Visto  
 #ICR Volcan Irazu  
 #JCR Jicaral  
 #LCR2 Lo Lucho 2  
 #LIO Limon  
 R #PUC Puriscol  
 R #PUJ Puerto Jimenez  
 #OCR Quepos  
 #SJS San Jose  
 #SRA Son Romon  
 #VCR Visto de Mor  
 #VPS2 Volcan Poas 2

Seccion de Sismologia, Univ. de Costa Rica, San Jose  
 Network code: SJR

Costa Rica  
 ACR Cerro Adams  
 #AR6 Chiripa  
 BUS Bueno Visto  
 ICR Volcan Irazu  
 JCR Jicaral  
 C LCR Lo Lucho  
 LCR2 Lo Lucho 2  
 LIO Limon  
 C LLC Lo Lucho Farm  
 R PUC Puriscol  
 R PUJ Puerto Jimenez  
 OCR Quepos  
 SDS Sonotario Duron  
 C SJR San Jose  
 SJS San Jose  
 C SPS San Pedro de Poos  
 SRA Son Romon  
 VCR Visto de Mor  
 C VPS Volcan Poos  
 VPS2 Volcan Poos 2

## -- CZECHOSLOVAKIA --

Slovak Academy of Sciences, Bratislava, Czechoslovakia  
 Network code: BRA

Czechoslovakia  
 C BRA Bratislava  
 HRB Hurbanovo (Ogyallo, Staro Dala)  
 SPC Skolnote-Pleso  
 SRO Sroborovo  
 ZST Bratislava--Zelezno Studnicko

Geofyzikalni Ustav CSAV, Praha, Czechoslovakia  
 Network code: PRU

Czechoslovakia  
 C CHE Cheb (Eger)  
 KHC Kasperske Hory  
 PRU Pruhonice

## -- DENMARK --

Geodetic Institute, Charlottenlund, Denmark  
Network code: COP

Denmark  
COP Copenhagen  
MUD Monsted Underground

Greenland  
DAG Donmorkshavn  
GDH Godhavn  
C IVI Ivigtut  
KTG Kop Tobin  
C NOR Nord  
C SCO Scoresbysund

## -- DJIBOUTI --

Observatoire Geophysique d'Arto, Djibouti  
Network code: ARO

Djibouti  
C ARO Arto Observatory  
ART Arta  
ATA Atar  
DAF Dofore  
DAY Day  
GBR Grand-Bara  
HLD Halaksitan  
KSU Kousour  
MKL Maskali  
OBO Obock  
SGH Sud-Ghoubbet  
TDD Todjouro  
C TDJ Todjouro

## -- EIRE --

Dublin Institute for Advanced Studies, Eire  
Network code: DIAS

Eire  
DCN Croghon  
DDK Dunsink Observatory  
DKM Kilmoshogue  
DLE Lyons Estate  
DMU Kingscourt  
ECB Carrickbyrne Hill  
ECP Cornsore Point  
ETA Toro

## -- EGYPT --

Helwan Observatory, Helwan, Egypt  
Network code: HLW

Egypt  
R ASL Abu Simbel  
ASW Aswon  
HLW Helwan  
C MMT Morso Motruh

## -- EL SALVADOR --

Centro de Investigaciones Geotecnicas, San Salvador, El Salvador

Network code: SSS

El Salvador  
AHU Ahuachapon  
LPS La Palma  
C NCS Nuevo Concepcion  
SDM Santiago de Moria  
SSS San Salvador

## -- ECUADOR --

Escuela Politecnica Nacional, Quito, Ecuador  
Network code: QUI

Ecuador  
C NCE NASA Cotopoxi  
OAO Observatorio Astronomico de Quito  
C QUI Quito  
OUR Rumipombo  
OUT Tumboco

## -- FED. REP. OF GERMANY --

Division of Earthquake Geology, University of Cologne, FRG  
Network code: BNS

Nordrhein-Westfalen, Fed. Rep. of Germany  
BEG Bergheim  
BNS Bensberg  
CLG Cologne (KoeIn)  
HOK Hohkeppel  
JUE Juelich  
KLL Kolltolsperre  
STB Steinbach

Rheinland-Pfalz, Fed. Rep. of Germany  
BGG Burg Eltz

Geophysikalisches Obs. der Universitat Munchen,  
Furstenfeldbruck, FRG  
Network code: FUR

Austria  
IBK Innsbruck  
OGA Oberegurgl  
SCE Schlegeis

Bayern, Fed. Rep. of Germany  
BHG Bad Reichenhall  
FUR Fuerstenfeldbruck  
GAP Garmisch-Partenkirchen  
HOF Hof  
C MNH Munich  
C NRD Noerdlingen  
WET Wettzell

Zentralobservatorium Graefenberg, Erlangen, FRG  
Network code: GRF

R VNA Greater Antartico, Antarctica  
George Von Neumeyer

Bayern, Fed. Rep. of Germany  
GRA1 Groefenberg Array (Haidhof)  
GRA2 Groefenberg Array (Wildenfels)  
GRA3 Groefenberg Array (Leutzdorf)  
GRA4 Groefenberg Array (Stoeppoch)  
GRA5 Groefenberg Array  
GRB1 Groefenberg Array (Bruennthal)  
GRB2 Groefenberg Array (Reichertswinn)  
GRB3 Groefenberg Array (Eglhofen)  
GRB4 Groefenberg Array (Aicho)  
GRB5 Groefenberg Array (Vorderoedberg)  
GRC1 Groefenberg Array (Eglofsdorf)  
GRC2 Groefenberg Array (Boehmfeld)  
GRC3 Groefenberg Array (Bettbrunn)  
GRC4 Groefenberg Array (Raitenbuch)  
GRF Groefenberg Array (Erlangen)  
GRFO Groefenberg

Geophysikalisches Institut, Karlsruhe, FRG  
Network code: KRW

Baden-Wuerttemberg, Fed. Rep. of Germany  
BUH Buehlerhoehe  
FEL Feldberg in Schwarzwald  
FWS Furtwongen (Schwarzwald)  
KRW Karlsruhe--West

Rheinland-Pfalz, Fed. Rep. of Germany  
PIR Pirmosens

## -- FED. REP. OF GERMANY --

Institut für Geophysik der Universität Stuttgart, FRG  
Network code: STU

Baden-Württemberg, Fed. Rep. of Germany  
HEI Heidelberg (Königstuhl)  
C HOH Hohenheim  
HUN Hundersingen  
MSG Maessingen  
MSS Messtetten  
RAV Ravensburg  
STU Stuttgart  
C TUB Tuebingen

## -- FIJI --

Department of Mineral Resources, Suva, Fiji  
Network code: SVA

Fiji  
BOA Mbenggo  
GAU Ngou Island  
R KDV Kandavu Island  
KRO Koro  
MBU Mbua  
MGO Magadro  
MSV Monasavu  
R NAF Namboro  
NDE Ndelaikoro  
NGA Ngalo  
R NMF Viti Levu  
NMS Namosi  
OVA Ovalau  
SGE South Ridge  
SVA Suva  
TVI Taveuni  
UDU Undu Point  
VDW Vunindawa  
VUN Vunikawai  
YSA Yasawa  
  
Tonga  
+NUK Nukualofa

## -- FINLAND --

Institute of Seismology, University of Helsinki, Finland  
Network code: HEL

Finland  
HEL Helsinki (Helsingfors)  
C JOE Joensuu  
R JOF Joensuu  
R JYV Jyväskylä  
KAF Kangasniemi  
KEF Keuruu  
KEV Kevo  
KJF Kajaani  
C KJN Kajaani  
NUR Nurmijärvi  
OUL Oulu  
PKK Porkkala  
R PRF Porvoo  
C PRV Parvoo  
R SIF Saarijärvi  
SOD Sodankylä  
SUF Sumiainen

## -- FRANCE --

Laboratoire de Detection et de Geophysique, Montrouge,  
France

Network code: LDG

Alsace, France  
CDF Champ du Feu  
  
Auvergne, France  
CAF Calviac  
  
Berry, France  
HYF Humbligny

## -- FRANCE --

LDG Network--Continued

Bourbonnais, France  
BGF Bois d'Agland  
SMF Signal de Mont  
  
Corsica, France  
CVF Calvi  
  
Franche Comte, France  
BSF Ballon de Servance  
HAU Houdampre  
  
Gascogne, France  
EPF Esparras  
  
Guyenne, France  
LFF La Frestol  
LPO Le Pouchou  
  
Limousin, France  
C ARH Archignac  
RJF Les Rejaudoux  
  
Marche, France  
LSF La Souterraine  
MZF Mazirot  
R SER Sermur  
TCF Toulx Ste. Croix  
  
Nivernais, France  
AVF Avril sur Loire  
LBF Les Buteaux  
LOR Lormes (Somee)  
SSF Saint Saulge  
C SSF1 Saint Saulge  
  
Normandie, France  
FLN La Foliniere  
GRR Gorrion  
LDF La Druitiere  
C SSC Saint Souveur de Carouges  
  
Orleanois, France  
LPF Le Pertre  
  
Poitou, France  
MFF Saint Martin du Fouilloux  
  
Provence, France  
FRF La Foret Royale  
LMR La Mourre  
LRG Lorgues  
R SBF Sospel  
C SPF Saint Poul-en-Foret  
  
Savoie, France  
R BOF Bonneval  
LPG La Plagne

Institut de Physique du Globe, Univ. P & M Curie, Paris,  
France

Network code: PAR

Auvergne, France  
PYM Petit Puy de Manson  
  
Bearn, France  
ATE Arette  
BOH Bohocortia  
ESCF Escot  
ISSF Issarbe  
JAU Jaout  
LHE Lhers  
MADF Madeleine  
OGE Ogeu  
  
Gascogne, France  
MLS Moulis  
  
Ile de France, France  
PAR Paris--Parc St. Maur  
VDM Villiers-Adam  
  
Languedoc, France  
SSB Saint Sauveur en Rue

## -- FRANCE --

## PAR Network--Continued

ECH Lorraine, France  
Echery (Ste.-Marie-aux-Mines)

SGR Maine, France  
Segre

PCR Reunion  
La Plaine des Cofres

Institut de Physique du Globe, Univ Louis Pasteur,  
Strasbourg, France  
Network code: STR

DRV Greater Antarctica, Antarctica  
Dumont d'Urville (Pointe Geologie, Adelie)

BAF Alsace, France  
Belacker  
GWF Grand Wintersberg  
ROF Roppe  
STR Strasbourg  
WLS Weischbruch

MNY Dauphine, France  
Monteynard

BES Franche Comte, France  
Besancon  
VOU Vouglans

C BDB Gascogne, France  
Bagneres de Bigorre

VITF Lorraine, France  
Vittel

R AUTN Provence, France  
L'Aution  
R CALN Calern  
R PRAF Pradon  
R IAVF Tovernes

LNS Savoie, France  
Lonslevillard  
RSL Roselend

PAF Kerguelen Islands  
Port aux Francais

## -- FRENCH POLYNESIA --

Laboratoire de Geophysique, Papeete, French Polynesia  
Network code: PPT

AFR Society Islands, French Polynesia  
Afareaitu  
PAE Paea  
PPN Papenaa  
PPT Papeete (Pamitai)  
TVO Taravaa

AMN Tuamotu Archipelago, French Polynesia  
Amanu  
FRT Faratahi  
NAE Nae  
OTP Otepo  
PMO Pomarioria  
RKT Rikitea  
RUV Rauvai  
TPT Tiputa  
VAH Vaihaa

TBI Tubuai Islands, French Polynesia  
Tubuai

## -- GREECE --

National Observatory of Athens, Greece  
Network code: ATH

Greece  
APE Apeiranthos of Noxos  
ARG Arkhangelos  
ATH Athens Observatory  
ITM Ithomi  
JAN Jonina  
KZN Kazoni  
PAT Patras  
PLG Polygyros  
PRK Poraskevi (Lesbos)  
PTL Penteli  
RLS Rialos of Patros  
VLS Valsomota (Kephallenia)

Crete, Greece  
NPS Neopolis  
VAM Vamos

Geophysical Laboratory, University of Thessaloniki, Greece  
Network code: THE

Greece  
GRG Griva  
KNT Kendrikon  
LIT Litakhoron  
OUR Ouranopolis  
PAIG Paliourion  
SOH Sokhos  
SRS Serroi  
THE Thessaloniki

## -- GUATEMALA --

INSIVUMEH, Guatemala City, Guatemala  
Network code: GCG

Guatemala  
BVA Bueno Visto  
BVG Bougainvillea  
CIM Chimochoy  
R CMG La Cumbre  
FGO Fuego  
R FLS Las Flores  
GCG Guatemala City  
ITG Itzapa  
IXG Ixtaco  
JAT Jato  
JMG Jumoytepeque  
R JNJ Junjel  
KIK Kiko Raxquin  
R KJA Kiajonaja  
KKG Kukul  
LHG La Concha  
R LTG Las Tablonas  
LVG La Victoria  
MMG Magdalena Milpos Altos  
MRL Marmol  
MYT Moyuta  
NBG Las Nubes  
OCG Ocos  
R OLG Olintepeque  
QZG Quezaltepeque  
RDG Rabinal  
REC Recreo  
R SBL Sacbichol  
R SJT San Juan Tecuaco  
R SLG Sinonel  
SLP San Antonio La Paz  
TEP Tecpon  
TER Terranova  
TP2 Tecpon 2  
VLG Velasquez  
YUP Yupiltepeque  
ZIS Zishin

## -- HONG KONG --

Royal Observatory, Kowloon, Hong Kong  
Network code: HKC

R CCHK Hong Kong  
HKC Cheung Chou  
R THK Hong Kong  
R YHK Tsim Bei Tsui  
Yuen Ng Fon

## -- HUNGARY --

Hungarian Seismological Institute, Budapest  
Network code: BUD

BUD Hungary  
Budapest  
JOS Josvafo  
PSZ Piszkesteto  
SOP Sopron

## -- ICELAND --

Icelandic Meteorological Office, Reykjavik, Iceland  
Network code: REY

AKU Iceland  
REY Akureyri  
SID Reykjavik  
C VIK Sido  
Vik

## -- INDIA --

Regional Research Laboratory, Jorhat, India  
Network code: JHI

R BMI Arunachal Pradesh, India  
INR Bomdila  
KOL Itanagar  
Khonso

R GWH Assam, India  
JHI Guwahati  
KZI Jorhat  
Kozirongo

R AZL Mizoram, India  
Aizawl

KHM Nagaland, India  
Kohima  
YYI Yoangyimsen

India Meteorological Department, New Delhi  
Network code: NDI

PBA Andaman Islands, India  
Port Blair

C VIS Andhra Pradesh, India  
Vishakhapatnam (Andhra, Waltair)  
Vizionogram

R LKP Arunachal Pradesh, India  
Likhapani

TOC Assam, India  
Tocklai

BOK Bihar, India  
Bokoro

NDI Delhi, India  
New Delhi (Delhi)

GOA Goa, Daman and Diu, India  
Goo (Ponjim)

BHJ Gujarat, India  
Bhuj

## -- INDIA --

NDI Network--Continued

C ROH Haryana, India  
Rohtak

C DLH Himachal Pradesh, India  
Dolhousie  
C JWA Jwalomukhi

TRD Kerala, India  
Trivandrum

SEH Madhya Pradesh, India  
Sehore

BOM Maharashtra, India  
C BOM Bombay (Colabo)  
GOV Gwalikat  
KAD Korad  
C KNI Koyne Nagar  
C MAH Mahabaleshwar  
POO Poona  
C STA Satoro

IMP Manipur, India  
Imphol

SHIO Meghalaya, India  
SHL Shillong  
TURI Turo

C BHK Punjab, India  
Bhakro  
C MUK Mukerion

AJM Rajasthan, India  
Ajmer

KOD Tamil Nadu, India  
Kadaikanol  
MDR Madras

AGT Tripura, India  
Agartala

C AGR Uttar Pradesh, India  
DDI Agro  
C DDI Dehra Dun  
C MEE Meerut  
C SNP Sonapat  
VAR Varanasi

CAL West Bengal, India  
HOW Calcutta (Alipore)  
Howrah

CHA Nepal  
Chotro

## -- INDONESIA --

Lembaga Meteorologi dan Geofisika, Jakarta, Indonesia  
Network code: DJA

JAY Irian Jaya, Indonesia  
Sorong  
SWI Joyapuro

DJA Jawa, Indonesia  
Jokerto (Batavia, Djakarta)  
LEM  
SJI  
TNG  
TRT  
Tongerong  
Tretes

C BKB Kalimantan, Indonesia  
Balikpapan  
BKB2 Balikpapan

AAI Maluku, Indonesia  
SLKI Ambon  
TLE Saumlaki  
TNE Tual  
Ternate



## -- INDONESIA --

## DJA Network--Continued

Nusa Tenggara, Indonesia  
 DNP Denpasar  
 KHKI Kohang-Kohong  
 KUG Kupang  
 C KUP Kupong  
 KUPT Kupong  
 WSI Waingopu

Sulawesi, Indonesia  
 BTNI Buton  
 MKS Ujungpandang (Makassar)  
 MNI Manado  
 PCI Polu

Sumatera, Indonesia  
 R BGI Bengkulu  
 BSI Bando Aceh  
 R GSI Gunungsitoli  
 KLI Kotabumi  
 KSI Kapahiang  
 C MED Medan  
 PPI Podangpanjang  
 PSI Prapost  
 R TPI Tanjungpandan  
 TSI Tuntungan

## -- IRAN --

Ferdowsi University, Moshhad, Iran  
 Network code: MUI

Iran  
 KHI Kokhk  
 MUI Mashhad University  
 SHD Shahrud  
 TGI Taghi Ghambar

University of Tehran, Tehran, Iran  
 Network code: TEH

Iran  
 IR1 Iran Long-Period Array  
 IR2 Iran Long-Period Array  
 IR3 Iran Long-Period Array  
 IR4 Iran Long-Period Array  
 IR5 Iran Long-Period Array  
 IR6 Iran Long-Period Array  
 IR7 Iran Long-Period Array  
 KER Bokhtoron (Kermonshah)  
 MA10 Moshhad  
 MH1 Moshhad  
 C MSH Mashhad  
 SRI Sefid-Roud  
 TAB Tabriz  
 TEH Tehran

## -- IRAQ --

Seismology Unit, Scientific Research Council, Baghdad, Iraq

Network code: BHD

Iraq  
 BHD Baghdad  
 R BSR Basra  
 MS1 Mosul  
 RTB Rutbah  
 R SLY Sulaymaniyah

## -- ISRAEL --

Institute for Petroleum Research and Geophysics, Holon, Israel

Network code: JER

Israel  
 AD1 Adami  
 ASI Mount Amassa  
 R BG10 Bar Givvora

## -- ISRAEL --

## JER Network--Continued

Israel--continued  
 BSO Bso  
 C BTI Bot Shelomo  
 CRI Mount Carmel  
 DOR Dorot  
 GVI Bet Guvrin  
 C HAF Haifa  
 HRI Mount Hermon  
 JER Jerusalem  
 C JNI Jehonathan  
 MGI Mount Gilboa  
 MKT Mochtesh Koton  
 MOI Mount Montar  
 C MSM Mount Sar Shalom  
 C MYI Mount Yoheh  
 NOH Ma'ale Nooh  
 PRNI Poran  
 RMN Mount Romon  
 U ZNH Zanoah  
 ZNT Zur Nothan

## -- ITALY --

Universita di Colobrio, Italy  
 Network code: ACI

Colabria, Italy  
 ACI Arcavocoto  
 CSI Cossano Ionio  
 RO1 Rossono

Istituto Scienze dello Terra, Catania, Italy  
 Network code: CAT

Sicily, Italy  
 CAT Catania  
 MVT Monte Vettore

Istituto Geofisico e Geodetico, Universita di Genova, Italy  
 Network code: GEN

Emilio-Romagno, Italy  
 BVT Borgo Val di Taro

Liguria, Italy  
 GEN Genoa (Genova)

Piemonte, Italy  
 PNI Pinerolo  
 ROB Roburent  
 STV Santa Anno di Valdieri

Istituto Internazionale di Vulcanologia--CNR, Catania, Italy

Network code: LLI

Calabria, Italy  
 FSC Fuscaldo

Lipari Islands, Italy  
 ACL Alicudi  
 GIN Stromboli-Ginostro  
 LLI Lipari  
 PLI Panarea  
 VPL Vulcano Piano

Sicily, Italy  
 NOV Novara

Istituto Geofisico e Geodetico, Messina, Italy  
 Network code: MES

Basilicata, Italy  
 GZI Ganzirri

Colabria, Italy  
 OII Orti

## -- ITALY --

## MES Network--Continued

## -- ITALY --

## ROM Network--Continued

MES Sicily, Italy  
 Messina  
  
 Osservatorio Vesuviano, Naples, Italy  
 Network code: OVO  
  
 CVI Calabria, Italy  
 Copo Vaticano  
  
 DPS Campania, Italy  
 Deserto Penisolo Sorrentina  
 MSC Monte Massico  
 OVO Osservatorio Vesuviano  
 SGG San Gregoria Matese  
  
 Istituto Nazionale di Geofisica, Rome, Italy  
 Network code: ROM  
  
 AQU Abruzzo, Italy  
 L'Aquila  
  
 +GZI Basilicata, Italy  
 Ganzirri  
 MEI Melilli  
  
 CZI Calabria, Italy  
 Monte Caccuzzo  
 MMN Marmanno  
 +OII Orti  
 ORI Oriolo  
 RCI Reggio Calabria  
  
 BSS Campania, Italy  
 Baronissi  
 +DPS Deserto Penisolo Sorrentina  
 +NPL Naples (Napoli)  
 +OVO Osservatorio Vesuviano  
 +SGG San Gregoria Matese  
 SGO Sicignano  
  
 BOL Emilia-Romagna, Italy  
 Bologna  
 +PCN Piacenza  
  
 #RBL Friuli-Venezia Giulia, Italy  
 Udine  
 C UDN  
  
 MNS Lazio, Italy  
 Mant Asolo  
 POI Palino  
 RDP Rocca di Papa  
 RMP Rome (Monte Parzio Catone)  
 C ROM Rome  
  
 +GEN Liguria, Italy  
 Genoa (Genova)  
  
 USI Lipari Islands, Italy  
 Ustica  
  
 PAV Lombardia, Italy  
 Pavia  
 SAL Salò  
 VAI Varese  
 +VAI Varese  
 VG1 Voghera  
  
 ARV Marche, Italy  
 Arcevia  
 CMR Camerina  
 CRN Corinaldo  
 +PRO Pesaro  
  
 DUI Molise, Italy  
 Duronia  
  
 ORO Piemonte, Italy  
 Orapa  
 +STV Santa Anna di Valdieri  
  
 +BAI Puglia, Italy  
 Bari  
 #BRT Bari-Castellana

+FOG Puglia, Italy--continued  
 LCI Foggia  
 TTI Lecce  
 Taranto  
  
 CCI Sardinia, Italy  
 Cogliari Citta  
  
 ERC Sicily, Italy  
 Erice  
 FAI Fovara  
 GIB Gibilmanno  
 +MES Messina  
 MSI Messina I.N.G.  
 PZI Palazzolo Acreide  
  
 BDI Toscana, Italy  
 CRE Bagni di Lucca  
 #FIR Caprese Michelangelo  
 R FSI Firenze Ximeniano (Florence)  
 MAD Fasdinavo  
 +PRT Monte Argentario  
 SIE Prato  
 Siena  
  
 CKI Trentino-Alto Adige, Italy  
 CTI Cairo Montenotte  
 Castello Tesino  
  
 C AMI Umbria, Italy  
 ASS Amelia  
 PRG Assisi  
 Perugia  
  
 PAD Veneto, Italy  
 Padova  
  
 Osservatorio Geofisica Sperimentale, Trieste, Italy  
 Network code: TRI  
  
 BAD Friuli-Venezia Giulia, Italy  
 BOO Bernadia  
 BUA Bordano  
 COL Buia  
 R COLI Callaredo  
 FOA Forni Avoltri  
 MPRI Monte Prat  
 RBL Raibl  
 RCL Montereale Valcellina  
 TRI Trieste (Grotta Gigante)  
 UDI Udine O.G.S.  
  
 R BIE Trentino-Alto Adige, Italy  
 R CAV Briane  
 R DDS Cavalese  
 R PANI Dosso del Sommo  
 R RNI Panarotta  
 Roncone  
  
 R BALI Veneto, Italy  
 Baldo

-- IVORY COAST --

Station Gaphysique de Lamta, Ivory Coast  
 Network code: LIC

R DIC Ivory Coast  
 KIC Kasan Baka  
 LIC Lamta  
 TIC Taumadi

## -- JAPAN --

Nat. Research Center for Disaster Prevention, Ibaraki-ken,  
Japan

Network code: CDPJ

Honshu, Japan  
 R ASG Minomishigoro  
 R COJ Choshi  
 R ENZ Enzon  
 R HHR Hinohoro  
 R HRM Kowasoki  
 R ICH Ichihoro  
 R IWJ Iwai-Kita  
 R IWT Iwatsuki  
 R JIZ Nokaizu  
 R KGN Komogone  
 R KGW Kakegawa  
 R KHJ Kushihiro  
 R MGJ Motegi  
 R MNJ Mineoka  
 R MRJ Moriyo  
 R MSKJ Misokubo  
 R NRY Niroyomo  
 R NSI Nishiizu  
 R OHJ Ohiro  
 R OKB Okobe  
 R SBJ Shimobe  
 R SMJ Shimohsa  
 R SYJ Shimoyama  
 R TNR Tenryu  
 R TYM Toteyama  
 R YKI Yokaichiba

Kyushu, Japan  
 U YSM Yoshimotsu

Japan  
 Network code: DRI

Honshu, Japan  
 U AM1 Amosugowa 1  
 U AM2 Amosugowa 2  
 R AMJ Amo  
 R AZJ Azoi  
 R CZT Chizu  
 R FKJD Fukui  
 U FOTD Funooko  
 R HKJ Hokeniku  
 R HMTD Hikomi  
 R IMJ Imajo  
 R IZT Izumi  
 U KADD Kotsuyomo  
 R KAJD Kotsuyomo  
 U KDT Kadero  
 U KMD Komotsu  
 R KMJD Komotsu  
 U KNJD Kanohara  
 R KTJD Kamitakoro  
 U KWJ Kowai  
 R KYTD Kurayoshi  
 U KZT Konzaki  
 R MHJ Mihama  
 R MZT Mikazuki  
 R NRJ Nirehara  
 U ORJ Ouro  
 U OYT Oyo 1  
 R OYT2 Oyo 2  
 U SGJ Sugihoshi  
 U SMJD Shimonomoto  
 R SNTD Shikono  
 U SRJ Sugihoro  
 U SRJD Shirakawa  
 U TKJD Tokuyomo  
 R TTT Tottori  
 U YST Yumesaki  
 U YZT Yomasaki

Kyushu, Japan  
 R FURD Furusato  
 R GON Gangen  
 R HKD Hikinohira  
 R KITD Kitodake  
 R KOID Koike  
 R NABD Nobeyomo  
 R NOJ Najiri  
 R SHRD Shirohama  
 R YOSD Yoshimotsu

## -- JAPAN --

Earthquake Research Institute, Univ. of Tokyo, Japan  
 Network code: ERIJ

Honshu, Japan  
 R ARD Arido  
 R AVOE Asomo Observatory  
 R DDR Dodairo  
 C FUB Fube  
 R FUJ Fuji-kawa  
 C GOZ Gozaiso  
 R GPY Gippoyama  
 R HBR Hoiboro  
 C HDK Hidoko  
 R HGJ Hongo  
 C HNG Hongo  
 R HNMJ Hino-misaki  
 R HOKE Hokigiyoma  
 R HRG Hiraogawa  
 R HSJ Hoshino  
 R HTK Hotokeiwa  
 R HZA Huzimizaka  
 R ICY Ichiyama  
 C IKJ Ikusoko  
 C INA Inon  
 R INB Inubo  
 R ISE Ise  
 U ITGE Itoigawa  
 R KBH Kobugahara  
 R KISE Kishinomiya  
 C KIY Kiyosumi  
 R KKW Koinokawa  
 R KMGE Kuramomogawa  
 R KMN Kumono  
 C KMT Kinomoto  
 C KOM Komaba  
 C KOY Koyama  
 R KRJ Komimuraga  
 C KSJ Koshima  
 C KUT Kutsugahara  
 R KWZ Kowazu  
 R KYJ Kurayan  
 R KYS Kiyosumi  
 R KZJ Koshiwa-zaki  
 R MKW Mikawa  
 C MSK Misaki  
 U MTGE Mitogawa  
 R MTJ Mount Tsukuba  
 C MTK Mitoko  
 R NGHE Neginohata  
 U NGJ No-gawa  
 R NKR Nokonohara  
 C NNJ Nokono  
 R NOUE Nou  
 R NRME Naromoto  
 R NSW Nokonosawa  
 R ODSE Onioshidashi  
 R OIA Oishiyama A  
 R OIB Oishiyama B  
 R OIC Oishiyama C  
 C OIS Oishiyama  
 R OKN Okuno  
 R OKY Okuyama  
 R OMJ Ohmine  
 R OYM Oyama  
 C SDJ Sonado  
 R SHK Shiraki  
 R SHZE Shinhuzimizo  
 R SKW Shichikawa  
 U SMK Shimokawa  
 R SNZ Senzon  
 R SRT Sorutoni  
 R SRY Shiroyama  
 C SSJ Shinshu-Shinmachi  
 R SSZ Sekisonzon  
 R STRE Sonnotorii  
 C SUS Susaki (Mitsui)  
 C TDR Todoroki  
 R TKE Toke-yama  
 R TKJ Tokodo  
 C TOG Tagane  
 R TSK Tsukuba  
 R UMJE Umejima  
 U UZT Uzuto  
 R WKME Wakoyama  
 C WKU Wakoura (Wakoyama ERI)  
 R YAS Yuasa  
 R YHKE Yohiko  
 U YNT Yunotoni

## -- JAPAN --

## ERIJ Network--Continued

C YOS Honshu, Japan--continued  
R YZU Yoshiwara  
Yuzowo

Kyushu, Japan  
R KV01 Kirishima Volcano  
R KV02 Kamimonzen  
R KV03 Oonami West  
R KV04 Kurino-dake  
R KV05 Oonami East  
R KV06 Karakunidake  
R KV09 Okamoto-Uro  
R KV11 Takachiho West  
R KV12 Sinyu  
R KV91 Uro

Hirasaki University, Japan  
Network code: HRS

Honshu, Japan  
R DAKH Dake  
R GNK Ganki  
R HATH Hata  
R HRD Hirodai  
R IZMH Iizume  
R KZW Kaizawa  
U YAY Yayoi

Hokkaido University, Sapporo, Japan  
Network code: HSS

Hokkaido, Japan  
C AHS Asarigawa Hot Spring  
R AIB Aibetsu  
R AKK Akkeshi  
ERM Erimo  
R ESH Eson  
R GENH Genta-Ana  
R HIC Hidaka-cho  
R HORH Horominae  
HSS Hokkaido University (Misumai)  
R IMG Imagane  
R IWN Iwonai (Obihiro City)  
R KITH Kitausu  
R KKJ Kaminokuni  
R KMU Kamikineusu  
R KNP Kunneppu  
R KONH Konpirayama  
R MATH Motsumotoyoma  
R MITH Mitoyo  
R MSN Misono  
R MUJ Mitsuishi  
R MYR Moyori  
C NKS Nakayama Pass (Kimobetsu)  
R NMR Nemuro--Hokkaido University  
R NRMH Kita-Gairin  
R OHD Ohdaira  
R SHOH Showa-Shinzan  
R SRMH Minami-Gairin  
R TATH Tatsuka  
R TES Teshikaga  
R TOI Tomamai  
R URH Urahoro  
R UVO Usu Kazan Kan

Japan Meteorological Agency, Tokyo  
Network code: JMA

Bonin Islands, Japan  
CBI Chichi-shima (Chichijima)  
HJJ Hochijo-jima (Hatidyozima)  
OSH Oshima  
C TOR Tori-shima  
C TTZ Chichi-shima (Chichijima, Titizima)

Hokkaido, Japan  
ABJ Aboshiri  
ASA Asahikawa  
ASAJ Asahikawa Outpost  
HAK Hokodote  
HOO Hiroo  
HOOJ Hiroo 2  
KUS Kushiro

## -- JAPAN --

## JMA Network--Continued

Hokkaido, Japan--continued  
KUSJ Kushiro Outpost  
MOR Mori  
MRR Muroran  
MRRJ Muroran 2  
NEM Nemuro  
OBI Obihiro  
RMJ Rumoi  
SAP Sapporo  
SUT Suttsu  
URA Urakawa  
WAK Wakkanai

Honshu, Japan  
AIK Aikawa  
AJI Ajiro  
AKI Akita  
AOM Aomori  
AOMJ Aomori Outpost  
CHJ Chichibu  
CHJJ Chichibu Outpost  
CHO Choshi  
FKS Fukushima  
FUK Fukui  
FUN Kowaguchi-ko (Funatsu)  
GIF Gifu  
HAC Hachinohe  
HIK Hikone  
HIM Himeji  
HIR Hiroshima  
HJH Honjo  
HMD Hamado  
HMM Homomatsu (Homomatsu)  
IID Iido  
IIDJ Iido Outpost  
ISN Ishinomaki  
C ITO Ito

KAK Kakioka  
KAKJ Kakioka Outpost  
C KAM Kameyama  
KAN Kanazawa  
KAZ Koriyama  
KMG Kumogaya  
KOB Kobe  
KOF Kofu  
KTJ Komatsu  
KYO Kyoto  
MAE Maebashi  
C MAI Maizuru  
MAJO Matsushiro  
MAT Matsushiro  
MIS Mishima  
MIT Mito  
MIY Miyako  
MRK Morioka  
MTM Matsumoto  
MTMJ Matsumoto Outpost  
MTS Matsue  
MZH Maizuru  
NAG Nagoya  
NAR Nara  
NGN Nagano  
NGT Nagatsuro (Irozaki)  
NII Niigata  
NIJ Niigata Outpost  
OFU Ofunato  
OFUJ Ofunato Outpost  
C OKA Okayama  
R OKA1 Okayama  
R OKA2 Okayama 2  
OMA Omaezaki  
ONA Onahama  
OSA Osaka  
OSK Osaka (Tokayasuyama)  
OWA Owa  
SAI Saigo  
SAK Sakata  
SEN Sendai (Mukaiyama)  
SHJ Shionomisaki (Siomisaki)  
SHN Shimonoseki 3 (Shimonoseki)  
R SHN1 Shimonoseki  
SHN2 Shimonoseki 2  
SHR Shirakawa  
SHZ Shizuoka  
SKH Sakoto Outpost  
TAT Toteyama

## -- JAPAN --

## JMA Network--Continued

## Honshu, Japan--continued

TK01 Tokai O.B.S. 1  
 TK02 Tokai O.B.S. 2  
 TK03 Tokai O.B.S. 3  
 TK04 Tokai O.B.S. 4  
 TKD Takado  
 TKY Takayama  
 C TMS Tamisaki (Mero)  
 TOK Tokyo  
 TOT Tottori  
 TOTJ Tottori Outpost  
 TOY Toyama  
 TSR Tsuruga  
 TSRJ Tsuruga Outpost  
 TSU Tsu  
 TYK Toyooka  
 UTS Utsunomiya  
 WAJ Wajima (Wazima)  
 WKY Wakayama  
 WKYJ Wakayama 2  
 YAM Yamagata  
 YAMJ Yamagata Outpost  
 YOK Yokohama  
 YON Yanago  
 YONJ Yanago 2

## Kyushu, Japan

ASJ Asosan  
 FKJ Fukue  
 FKK Fukuoka  
 IZU Izuhoro  
 KAG Kagoshima  
 KAGJ Kagoshima 2  
 KUM Kumamoto  
 KUMJ Kumamoto 2  
 MYZ Miyazaki  
 R MYZ2 Miyazaki 2  
 NGS Nagasaki  
 NOB Nobeoka  
 OIT Oito  
 SAG Saga  
 C TOM Tamie  
 UNZ Unzendake

## Ryukyu Islands, Japan

ISI Ishigaki-shima  
 KMJ Kume-shima (Kumejima)  
 MVI Minami-daito-jima  
 MYK Miyako-jima  
 NAH Naha  
 NGO Nago  
 NZJ Naze  
 TAJ Tanaga-shima  
 R TAJ2 Tanaga-shima 2  
 YOJ Yonaguni-jima

## Shikoku, Japan

ASZ Ashizuri  
 KOC Kochi  
 MRT Muratamisaki  
 MTY Matsuyama (Matuyama)  
 SUM Sumoto  
 TKM Takamatsu  
 TKSJ Tokushima 2  
 TSS Tsurugisan (Anabuki)  
 UWA Uwajima

Kyoto University, Japan  
Network code: KYT

## Honshu, Japan

ABU Abuyama  
 R BHOK Bomura  
 U IWO Iwaosan  
 U KBE Kobe  
 R KGMK Kamigama  
 R KHK Keihaku  
 R KTNK Katono  
 R MYO Myokenson  
 R OHM Omihachimon  
 R RKO Rokko  
 U SZG Shizugawa  
 R TNAK Tsuno  
 R TNJ Tannan  
 R TTOK Tanto

## -- JAPAN --

## KYT Network--Continued

## Honshu, Japan--continued

R UJI Uji  
 R YGI Yagi  
  
 Kyushu, Japan  
 C ASO Asa  
 R HONK Hondo  
 R KISK Kishima-dake  
 R MAKK Maki  
 R SUNK Sunasenri  
 R TAKK Taka-dake

## Shikoku, Japan

U INMK Ichinomiya  
 R ISIK Ishii  
 R KCY Kuchiyama  
 R KMNK Kaminaka  
 R WKJ Wajiki

Nagoya University, Japan  
Network code: NGY

## Honshu, Japan

R CHTJ Chita  
 U HDAN Heda  
 R HEDN Hedo  
 INU Inuyama  
 R ITD Itadori  
 U KMYN Kameyama  
 R MIKN Mikawa  
 R MIZN Minamiizu  
 R MZE Maze  
 R MZI Mizumiira  
 U OHRN Oohiro  
 R OOS Ooshika  
 U SGMN Shimogama  
 R SGRN Sogoro  
 R SPJN Shinpukuji  
 R TAKN Takayama  
 R TKC Tsucheichi  
 R TKN Takane  
 R TKZ Takazawasan  
 U TYH Toyohoshi  
 R TYNN Toyone  
 R UGK Ugokei  
 R YKE Yokedake

Kyushu University, Japan  
Network code: SHV

## Kyushu, Japan

R CJA Chijiwa  
 U SHV Shimbara  
 R SWAJ Obomo

Tohoku University, Sendai, Japan  
Network code: TOH

## Honshu, Japan

R AOB Aobayama  
 R ATM Atsumi  
 R FUT Futotsui  
 R HJY Honjo  
 R HMK Himekami  
 U HRTT Hiratsu  
 R HSH Hashikami  
 R IMAT Imadeyama  
 R IWK Iwaki  
 R K01 Nishinai  
 R K02 Yamasaki  
 R K03 Shimotochinai  
 R K04 Kokoji  
 R K05 Ishipane  
 R K06 Arakawa  
 R K07 Kotahota  
 R K08 Monomi-yama  
 R K09 Ooide  
 R K10 Oonodaira  
 R K11 Fujikirizawa  
 R K12 Kaide  
 R KGJ Kitakami  
 R KMF Kamafusa  
 R KNY Kanayama

## -- JAPAN --

## TOH Network--Continued

## Honshu, Japan--continued

R KOMT Akitokoma  
 R KSN Kinkoson  
 R KWT Kawatobi  
 R MAKI Makukawa  
 R MKO Miyoko  
 R NIB Nibetsu  
 R OGH Ogo  
 R SAH Sawauchi  
 R SBH Shiboto  
 R SNI Sanriku  
 R TBS Tobishimo  
 R TOBT Tobi-shimo  
 R YMZ Yamizo  
 R YOKT Yokoaka

Kochi University, Kochi, Japan  
Network code: URS

R AOU Aou  
 IHR Ishihoro  
 R UMJ Umoji  
 URS Ugurusu  
 WMY Wakamiya

Utsunomiya University, Japan  
Network code: UTU

R KKGU Kamikuga  
 R UTU Utsunomiya  
 R YMZU Yomizo

## -- JORDAN --

Jordan Seismological Observatory, Amman  
Network code: JSO

Jordan  
 R BURJ Burmo  
 R HMTJ Hamto  
 R KFNJ Kafrein  
 R MASJ El Maslubiya  
 R MKRJ Makawir  
 R RUMJ Er Rumman  
 R SALJ Salt  
 R SMAJ Sumiyo

## -- MADAGASCAR --

Observatoire de Tananarive, Universite de Madagascar  
Network code: TAN

Madagascar  
 AVY Angavokely  
 FRR Firoriano  
 OPO Ambohidratompo  
 TAN Antananarivo (Tananarive)  
 VTY Vatovaky

## -- MALAYSIA --

Malaysian Meteorological Service, Petaling Jaya, Selangor,  
Malaysia

## Network code: KLM

Peninsular Malaysia, Malaysia  
 IPM Ipoh  
 KGM Kluang  
 KLM Kuala Lumpur

KKM Kota Kinabalu  
 R TSM Tawau

## -- MALAYSIA --

## KLM Network--Continued

R KSM Sorowak, Malaysia  
 Kuching

## -- MARTINIQUE --

I.P.G., Observatoire Geophysique, St. Pierre, Martinique  
Network code: FDF

#BPA Antigua, Antigua and Barbuda  
 Boggy Peak  
 Dominica  
 #BBL Barbours Block (Morne Espagnol)  
 #MDN Morne Daniel

Guadeloupe  
 BCG Bois Riant Capesterre  
 BTG Basse Terre (Fort St. Charles)  
 CRG Cormicheol  
 DOG Dango Capesterre  
 R FBG Trois Rivières  
 R IAG Institut Agronomique  
 R MBG Motoubo  
 MGG Morie Galante  
 MLG Mont-d'Or Boillif  
 PAG Le Parnosse  
 SCG Saint Cloude  
 SEG Port Louis  
 SFG Saint Francois  
 SSG Sans Toucher  
 TAG Tarade  
 R TVG Trois Rivières

Martinique  
 C AIL Aileron  
 BIM Bigot  
 R BVM Bellevue  
 CRM Caravelle  
 CXM Morne La Croix  
 FDF Fort de France (Morne des Codets)  
 R MPM Mont Pele  
 MVM Montagne du Vauclin  
 R PAI Pelee Aileron  
 PCM Pelee Cose Petit  
 R PDM Pelee Desile  
 PMCB Pelee Morne Colebasse  
 PML Pelee Morne Lenord  
 SVN Savane Anatole

Saint Lucie  
 #SLW Petit Monier

## -- MEXICO --

CICESE, Ensenada, Baja California, Mexico  
Network code: ECX

Baja California, Mexico  
 CBX Cerro Bola  
 CPBX Cerro Prieto  
 ECBX El Chinero  
 ECX Ensenada--CICESE  
 EMX El Moyer  
 ENX Ensenada  
 PBX Punta Banda  
 SMX San Miguel  
 SPX San Pedro Martir  
 VEX Veracruz

Sonora, Mexico  
 EGX El Golfo de Santa Clara

Instituto de Ingenierio, UNAM, Mexico City  
Network code: IIM

Chiapas, Mexico  
 CR1 Chicoasen Reservoir No. 1  
 CR2 Chicoasen Reservoir No. 2  
 CR3 Chicoasen Reservoir No. 3  
 CR4 Chicoasen Reservoir No. 4  
 CR5 Chicoasen Reservoir No. 5

## -- MEXICO --

## IIM Network--Continued

Chiapas, Mexico--continued  
 CR6 Chicoosen Reservoir No. 6  
 CR7 Chicoosen Reservoir No. 7  
 CSN Chicoosen  
 CZC Chiapa de Corzo  
 OZC Ocozocuautla  
 TCX Tecpatan

Distrito Federal, Mexico  
 IIM Instituto de Ingenieria, UNAM

Guerrero, Mexico  
 R CC1 Caracol Dam No. 1  
 R CC2 Caracol Dam No. 2  
 R CC3 Caracol Dam No. 3  
 CC4 Caracol Dam No. 4  
 IIM Iguala--Cerro de Tuxpan  
 ZIH Zihuatanejo

Mexico, Mexico  
 IIC Santa Rita Coyotepec  
 IIP El Pino

Oaxaca, Mexico  
 PEX Puerto Escondido

Puebla, Mexico  
 IIT Tonantzintla

RESMAC, IIMAS-UNAM, Mexico City  
 Network code: MEX

Chiapas, Mexico  
 TPX Tapochula

Distrito Federal, Mexico  
 #IIM Instituto de Ingenieria, UNAM  
 MEX Mexico City

Guerrero, Mexico  
 ACX Acapulco  
 #III Iguala--Cerro de Tuxpan

Hidalgo, Mexico  
 TLX Tulancingo

Jalisco, Mexico  
 CGX Ciudad Guzman

Mexico, Mexico  
 CRX Cerrillo  
 #IIC Santa Rita Coyotepec  
 #IIP El Pino

Oaxaca, Mexico  
 OXX Oaxaco

Puebla, Mexico  
 #IIT Tonantzintla

Sinaloa, Mexico  
 MZX Mazatlan

Tamaulipas, Mexico  
 TMX Tampico

Veracruz, Mexico  
 LJX  
 C PZX Poza Rico

Instituto de Geofisica, UNAM, Mexico City  
 Network code: UNM

Baja California, Mexico  
 R IGM Isla Guadalupe

Chiapas, Mexico  
 COM Comitan  
 #CR1 Chicoosen Reservoir No. 1  
 #CR2 Chicoosen Reservoir No. 2  
 #CR3 Chicoosen Reservoir No. 3  
 #CR4 Chicoosen Reservoir No. 4  
 #CR5 Chicoosen Reservoir No. 5  
 #CR6 Chicoosen Reservoir No. 6

## -- MEXICO --

## UNM Network--Continued

Chiapas, Mexico--continued  
 #CSN Chicoosen  
 #OZC Ocozocuautla  
 PMM Preso Malpaso  
 #TCX Tecpatan

Chihuahua, Mexico  
 CHH Chihuahua

Colima, Mexico  
 MNZ Manzanillo  
 SRR Isla Socorro

Distrito Federal, Mexico  
 #IIM Instituto de Ingenieria, UNAM  
 TAC Tocubayo  
 UNM Universidad Nacional de Mexico

Guanajuato, Mexico  
 LCG Leon Cerro Gordo  
 LNM Leon

Guerrero, Mexico  
 #ACX Acapulco  
 #CC4 Caracol Dam No. 4  
 #III Iguala--Cerro de Tuxpan  
 #ZIH Zihuatanejo

Hidalgo, Mexico  
 #TLX Tulancingo

Jalisco, Mexico  
 R CJM Chamela  
 GUM Guadalupe

Mexico, Mexico  
 #CRX Cerrillo  
 #IIC Santa Rita Coyotepec  
 #IIP El Pino  
 OXM Oxtotitlan  
 PPM Popocatepetl

Michoacan, Mexico  
 PIM Presa del Infiernillo

Morelos, Mexico  
 TPM Tepoztlan

Nuevo Leon, Mexico  
 TMM Tecnologico de Monterrey

Oaxaca, Mexico  
 OAX Oaxaca  
 PBJ Preso Benito Juarez  
 PIO Pinotepa Nacional  
 R PLO Pochutla  
 R TIO Totontepec  
 R TXO Tlaxiaco  
 C VHM Vista Hermosa  
 VHO Vista Hermosa

Puebla, Mexico  
 #IIT Tonantzintla  
 +PUE Puebla

Sinaloa, Mexico  
 MAZ Mazatlan

Veracruz, Mexico  
 VCM Veracruz

Yucatan, Mexico  
 MER Merido

-- MOROCCO --

Service de Physique du Globe, Rabat Agdal, Morocco  
 Network code: SPGM

Morocco  
 R AIT Ait Ouada  
 AVE Averroes  
 BBT Borraja Ibn Battouta  
 BMB Borraja Mohamed Ben Abdellah

## -- MOROCCO --

## SPGM Network--Continued

Morocco--continued  
 BME Barrage Monsour Eddahbi  
 BMK Barrage el Mokhozine  
 HAD Hassan Addokhil Dam  
 IDR Barrage Idriss Premier  
 IFR Ifrane  
 C KES Ksor Es Souk  
 NKM Nakhla  
 RBA Rabat  
 C RBZ Rabat Zaers  
 TAF Tafarolt  
 TIO Tiouine  
 YBT Youssef Ben Tochfine

## -- MOZAMBIQUE --

Servico Meteorologico de Mocambique, Maputo  
 Network code: CNG

Mozambique  
 CNG Changelane  
 NPA Nampulo  
 TET Tete

## -- NEPAL --

Department of Mines and Geology, Kathmandu, Nepal  
 Network code: OMN

Nepal  
 DMN Daman  
 KKN Kakani  
 PKI Phulchoki

## -- NETHERLANDS --

Royal Netherlands Meteorological Institute, De Bilt  
 Network code: DBN

Netherlands  
 DBN De Bilt  
 ENN Epen  
 HEE Heerlen  
 WIT Witteveen  
 WTS Winterswijk

## -- NEW CALEDONIA --

Centre ORSTOM de Noumea, New Caledonia  
 Network code: NOU

Loyalty Islands  
 OUA Ouanaham

New Caledonia  
 DZM Mont Dzumac  
 KOU Koumac  
 NOU Noumea

Vanuatu Islands  
 INH Isangel  
 LMP Lamap  
 LNR Lonarare  
 LUG Luganville  
 PVC Port Vila  
 VLN Vanua-Lava (Sala)

## -- NEW ZEALAND --

D.S.I.R., Seismological Observatory, Wellington, New Zealand

Network code: WEL

Greater Antorctico, Antarctica  
 C HLL Hallett  
 SBA Scott Base  
 C VND Vando

Cook Islands  
 NUE Niue  
 RAR Rarotonga

Fiji  
 NDF Nadi (Nondi)  
 C SUV Suva

Campbell Island, New Zealand  
 CBZ Campbell Island

Chatham Islands, New Zealand  
 CIZ Chatham Islands

Kermadec Islands, New Zealand  
 RAO Raoul

North Island, New Zealand

C ARA Arapuni  
 AUC Auckland  
 C BUN Bunnytharpe  
 CAZ Castlepoint  
 CNZ Chateau  
 CRZ Cape Reinga  
 C DNN Dannevirke  
 R DRZ Dame Shelter  
 C ECZ East Cape  
 GBZ Great Barrier  
 GNZ Gisborne  
 C GSZ Glacier Shelter  
 C HAS Hastings  
 R HBZ Hicks Bay  
 C HNZ Havelock North  
 KRP Karapiro  
 R MGZ Maungapu  
 MNG Mongahaa  
 R NEZ North Egmont  
 NGZ Ngauruhoe  
 C NPR Napier  
 C NPZ New Plymouth  
 C ONE Onerahi (Whangarei)  
 U RBY Rainbow Mountain  
 R RGZ Rangipo  
 C ROS Roseneath  
 C ROT Rotarua  
 R SKZ South Karori  
 SNZO South Karori  
 C STN Seatoun  
 C STZ Stratford  
 R TAZ Tarawera  
 C TNZ Tarata  
 C TON Tongarira  
 TRZ Taradale  
 TUA Tuai  
 WEL Wellington  
 U WGZ Waimangu  
 WIZ White Island  
 C WNZ Wairakei  
 WTZ Whakatane

South Island, New Zealand

BRZ Barland Ladge  
 C CHR Christchurch  
 CMZ Cashmere  
 COB Cobb River  
 R CYZ Clyde  
 C DNS Denniston  
 DNZ Dunedin  
 C FLW Faulwind  
 C GLE Glenmuick  
 C GPZ Gebbies Pass  
 C GRY Greymouth  
 KAI Kaimata  
 C KKY Kaikoura West  
 KKZ Kaikoura  
 R MHZ Mount Horn  
 C MJZ Mount John  
 C MNW Manawai  
 MSZ Milford Sound



## -- NEW ZEALAND --

## WEL Network--Continued

South Island, New Zealand--continued

OMZ Oamaru

C PPZ Puysegur Point

C ROX Roxburgh

RTY Roto-iti

C TAK Takoko

C WAI Wairiri (Glentunnel)

C WPZ Waipapa Point

Stewart Island, New Zealand

OBZ Oban

Somoo Islands

AFI Afiamolu

API Apio

D.S.I.R., Pukaki network, Wellington, New Zealand

Network code: WELP

South Island, New Zealand

C BSP Bush Stream

C DMP Diadem

C GSP Gladstone Stream

C HGP Huxley Gorge

C HHP Hogget Hill

C MJP Mount John Pukaki

C MMP Mount Mary

C RHP Rhoboro Hills

C THP Taro Hills

TMP Tomahawk Gully

D.S.I.R., Toupou network, Wellington, New Zealand

Network code: WELT

North Island, New Zealand

R HATZ Hinemoiaio

R HITZ Hingaroe

R HUTZ Huka

R KETZ Ketetahi

R RATZ Rangitukua

R TUTZ Tahingamata

D.S.I.R., Wellington network, Wellington, New Zealand

Network code: WELW

North Island, New Zealand

R BHW Baring Head

R BLW Big Hill

CAW Cannon Point

KIW Kapiti Island

R MOW Moikou

R MRW Mokoro Rodio

MTW Mount Morrison

R WDW Wainui Dam

WHW Wrights Hill

South Island, New Zealand

CCW Cape Campbell

TCW Tory Channel

## -- NICARAGUA --

Instituto Nicaraguense de Estudios Territoriales, Monagua,  
Nicaragua

Network code: APY

Nicaragua

ACY Acoyapa

APY Apoyeque

C ASE Aserradero

BOA Boaco

CNR Chonco

COS Cosiguina

C CYN Coyotepe

JIG Jinotega

LIY Limoy

LNB Los Nubes

MCH Masochapa

MMO Medio Mundo

OME Ometepe

PYN Ponelaya

## -- NICARAGUA --

## APY Network--Continued

Nicoroguo--continued

PYT Playitas

RTN Rota

SSN San Juan del Sur

C VER Veracruz

## -- NORWAY --

Seismological Observatory, Bergen, Norway

Network code: BER

Norway

ASK Askoy

BER Bergen

FOO Floro

FRO Froyo

HYA Hoyanger

KMY Karmoy

KON Kongsberg

KONO Kongsberg

C KRK Kirkenes

LHN Lillehammer

ODD Odda

SUE Sulen

TRO Tromso

Jan Moya Islands, Norway

JMI Jan Moya

JNE Jan Moya East

JNW Jan Moya West

Svalbard, Norway

KBS Kingsbay

NTNF/NORSAR, Kjeller, Norway

Network code: NAO

Norway

C N10 Norsar Array Site 10C00

C N11 Norsar Array Site 11C00

C N12 Norsar Array Site 12C00

C N13 Norsar Array Site 13C00

C N14 Norsar Array Site 14C00

NAO Norsar Array Site 01A00

NB2 Norsar Array Site 02B00

C NB3 Norsar Array Site 03B00

C NB4 Norsar Array Site 04B00

C NB5 Norsar Array Site 05B00

C NB6 Norsar Array Site 06B00

C NB7 Norsar Array Site 07B00

NB8 Norsar Array Site 01B00

NC2 Norsar Array Site 02C00

NC3 Norsar Array Site 03C00

NC4 Norsar Array Site 04C00

NC5 Norsar Array Site 05C00

C NC6 Norsar Array Site 06C00

C NC7 Norsar Array Site 07C00

C NC8 Norsar Array Site 08C00

C NC9 Norsar Array Site 09C00

C NCO Norsar Array Site 01C00

NORESS Array, NTNF/NORSAR, Kjeller, Norway

Network code: NRSA

Norway

NRA0 NORESS Array Site A0

R NRA1 NORESS Array Site A1

R NRA2 NORESS Array Site A2

R NRA3 NORESS Array Site A3

R NRB1 NORESS Array Site B1

R NRB2 NORESS Array Site B2

R NRB3 NORESS Array Site B3

R NRB4 NORESS Array Site B4

R NRB5 NORESS Array Site B5

R NRC1 NORESS Array Site C1

R NRC2 NORESS Array Site C2

R NRC3 NORESS Array Site C3

R NRC4 NORESS Array Site C4

R NRC5 NORESS Array Site C5

R NRC6 NORESS Array Site C6

R NRC7 NORESS Array Site C7

R NRD1 NORESS Array Site D1

## -- NORWAY --

## NRSA Network--Continued

Norway--continued  
 R NRD2 NORESS Array Site D2  
 R NRD3 NORESS Array Site D3  
 R NRD4 NORESS Array Site D4  
 R NRD5 NORESS Array Site D5  
 R NRD6 NORESS Array Site D6  
 R NRD7 NORESS Array Site D7  
 R NRD8 NORESS Array Site D8  
 R NRD9 NORESS Array Site D9  
 R NRE0 NORESS Array Site E0

## -- PAKISTAN --

Pakistan Institute of Nuclear Science and Technology,  
 Rawalpindi

Network code: PINS

Pakistan  
 R CEP Cherat  
 R CHCP Chirah Chowk  
 R CPA Chapri  
 R DRP Drazinda  
 R SARP Sargadha  
 R SBDP Shaikh Budin  
 R THW Thammewali

Pakistan Meteorological Department, Quetta, Pakistan  
 Network code: QUE

Pakistan  
 KAR Karachi  
 C LAH Lahore  
 MNL Mangla (New Mirpur)  
 NIL Nilore  
 PSH Peshawar  
 QUE Quetta  
 WRS Warsak

## -- PAPUA NEW GUINEA --

Geological Survey, Port Moresby, Papua New Guinea  
 Network code: PMG

Admiralty Islands, Papua New Guinea  
 MOM Momote  
 Bougainville Island, Papua New Guinea  
 BGA Mount Bagana  
 PAA Panguna  
 D'Entrecasteaux Islands, Papua New Guinea  
 LOSU Lasua  
 WDIS Woodlark Island  
 New Britain, Papua New Guinea  
 R MIP Matupit  
 C PNB Pania  
 TLS Talasea  
 WITU Witu Islands

New Guinea, Papua New Guinea  
 ALOA Alotau  
 C DNG Daru  
 C GKA Goraka  
 C GRK Goraka  
 KDB Konedobu  
 C KRG Kerema  
 KUPN Kupiana  
 C LAE Lae  
 LAT Lae  
 LML Lae--Mount Lunaman  
 MDG Madang  
 MNDI Mendi  
 PMG Port Moresby  
 C POP Popondetta  
 PUR Purari  
 C TPN Tapini  
 TZZ Tabubil  
 WAB Wabag  
 C WEK Wewak  
 WEW Wewak

## -- PAPUA NEW GUINEA --

## PMG Network--Continued

New Guinea, Papua New Guinea--continued  
 C WWW Wewak

New Ireland, Papua New Guinea  
 C KAV Kavieng  
 KVG Kavieng

Geological Survey, Volcanological Observatory, Rabaul,  
 Papua New Guinea  
 Network code: RAB

Bougainville Island, Papua New Guinea  
 C KOA Kobuan  
 R NIS Nissan Island  
 C PIV Piva

D'Entrecasteaux Islands, Papua New Guinea  
 C BDO Budoia  
 ESA Esa Ala  
 ESB Esa Ala

Karkar Island, Papua New Guinea  
 KKI Karkar Island

New Britain, Papua New Guinea  
 BIAL Bialla  
 R BOI Boisen  
 CGA Cape Gloucester Airport  
 C DAW Daw (Haskins)  
 R DOY Duke of York Island  
 C KCM Kilenge Mission  
 C KET Keravat  
 C KMB Kimbe  
 C KRT Keravat  
 LAG Langila (Cape Gloucester)  
 RAB Rabaul  
 RAL Rabalanakaia  
 C RAP Rapindik (Sulphur Creek)  
 RPT Raluana Point  
 SUL Sulphur Creek  
 TAV Tavurvur  
 TKA Tanaka  
 C ULA Ulamona  
 R ULO Ulamona  
 VUL Vulcan (Taviliu)  
 WAN Wanliss Street

New Guinea, Papua New Guinea  
 C AGE Agenahamba  
 KPN Kupiana  
 LKW Lake Wisdom  
 LMG Lamington  
 TBL Tabele  
 WAA Waris

## -- PERU --

Instituto Geafisico del Peru, Lima  
 Network code: LIM

Peru  
 CHP1 Pelados  
 CHP2 Carcavado  
 CHP3 Chacan  
 R CHP4 Algarabilla  
 R CHP5 Huaypira  
 CHP7 Eten  
 CHP8 Chiclayo  
 CST Castrovirreyra  
 R HCO Huanuco  
 HUA Huancaya  
 HUZ Huaraz  
 ICA Ica  
 LIM Lima  
 C LM2 Lima (Magdalena)  
 NNA Nana  
 C PCS Poracos  
 R PP02 Calachota  
 R PP03 Candor  
 R PP04 Saramorca  
 R PP05 Tacota  
 PP06 Puquio  
 R PP07 Ayacucho

## -- PERU --

## LIM Network--Continued

Peru--continued  
 R PP08 Chalhuanco  
 R PP09 Villa El Salvador  
 R PP10 Ancon  
 PT01 Morro Solar  
 PT02 Quillmana  
 PT03 Guadalupe  
 PT04 Zamaco  
 R PT05 Jicomarcho  
 PT06 Pisco  
 PT08 Suche  
 PT09 Santa Fe  
 PT10 Camacho  
 PT11 Juni  
 C QUM Quillmana  
 R SJU San Juan

## -- PHILIPPINES --

PAGASA, Quezon City, Philippines  
Network code: MAN

Botan Islands, Philippines  
 BAP\* Basco  
 R BBP Basco  
 Comiguin, Philippines  
 C MAM Mambajao  
 Cebu, Philippines  
 C CCP Cebu City (Lahug)  
 MAP Mactan  
 Leyte, Philippines  
 PLP Palo  
 Luzon, Philippines  
 AMB Ambulong  
 BAF\* Baguio  
 R BWP Baguio Weather Station  
 CVP Callao Coves  
 R INF Infanta  
 R LEG Legaspi  
 LGP Legaspi  
 MAN Manila (Diliman)  
 MSP Mount Santo Tomas  
 PIP Pasuquin  
 SZP Santa  
 R TAY Toyabas  
 C TLP Tuguegarao  
 Mindanao, Philippines  
 C BTN Butuan  
 CGP Cagayan de Oro  
 C DAP Davao  
 C DIP Dipolog  
 R DWP Davao Weather Station  
 R GTP General Santos  
 C MPP Mount Pasian  
 PPH Pasian Peak  
 R ZBP Zamboanga  
 R ZMP Zamboanga  
 Mindoro, Philippines  
 C ABP Abra de Ilog  
 PGP Puerto Galera  
 Palawan, Philippines  
 PPR Puerto Princessa  
 Panay, Philippines  
 C PAP Pandan  
 PDP Pandan  
 Samar, Philippines  
 CNP Catorman

Manila Observatory, Ateneo de Manila Univ., Manila,  
Philippines

Network code: QCP

## -- PHILIPPINES --

## QCP Network--Continued

Luzon, Philippines  
 BAG Baguio City  
 QCP Quezon City (Monilo Observatory)

Mindonoo, Philippines  
 DAV Davao

## -- POLAND --

Central Institute of Mines, Katowice, Poland  
 Network code: BYT

Poland  
 BYT Bytom  
 DGP Dabrowa Gornicza  
 ZAB Zabrze

Institute of Geophysics, Polish Academy of Sciences,  
Warsaw

Network code: WAR

South Shetland Islands, Antarctica  
 AAS Arctowski Station  
 Svalbard, Norway  
 R HSP Hornsund  
 Poland  
 C BEL Belsk  
 CHZ Chorzow  
 R CYP Chylin  
 KRA Krokow  
 KSP Ksiaz  
 NIE Niedzica  
 RAC Raciborz  
 RBN Rybnik  
 WAR Warsaw (Warszowa)

## -- PORTUGAL --

Instituto Nacional de Meteorologia e Geofisica, Lisbon,  
Portugal

Network code: INMG

Portugal  
 COI Coimbro  
 FAR Faro  
 MTE Monteigos  
 MTH Montochique  
 PRL Portalegre

Madeira Islands, Portugal  
 FUL Funchal

Observatorio Alfonso Chaves, Ponta Delgada, Azores  
 Network code: PDA

Azores, Portugal  
 ADH Angra do Heroismo  
 AGA Aguaiua  
 ASBA Santa Barbara  
 CALA Caldeira  
 CML Cha de Macelo  
 FAC Faja de Cimo  
 FRA Furnas  
 HOR Horta  
 LFA Lagoa do Fogo  
 MTSA Monte Escuro  
 PDA Ponta Delgada  
 RIA Ribeira da Aeira  
 RIB Ribeirinha  
 R SAZ Santa Maria Island  
 SDCA Salto do Cavalo  
 VIF Vilo Franca

## -- ROMANIA --

Center of Earth Physics and Seismology,  
Bucharest-Magurele, Romania  
Network code: BUC

	Romania
C	AAR Sfinta Ana
	ARR Arges
	BAC Bacou
	BIR Birlad
	BIZ Bicaz
	BMR Boia Mare
	BRD Bordesti
	BUC Bucharest
	BUC1 Bucharest
R	BZS Buzias
U	CDB Caldarusani
	CEA Ceahlau
	CEI Carei
	CFR Carcaliu
	CGN Calugareni
	CJR Cluj
	CLI Colonesti
	CLO Closani
	CMP Campulung
	COZ Cozia
	CVD Cernavoda
	CVO Covasna
	DEV Deva
	DOC Dochia
	DRA Dragasani
	DRR Dragan
	FOC Focsani
R	FTB Fintinele
	GZR Gura Zlata
	HNM Heniu Mare
	IAS Iasi
	ISR Istrita
	LOT Lotru
	LRR Leresti
	MDB Medias
C	MII Malini
	MLR Muntele Rosu
	MSR Malnas
	ODB Odobesti
	PPE Popeni
R	SBE Sebes
R	SDR Surduc
	SRE Strehala
	SSR Susara
	TIM Timisoara
	TLB Topalu
	VLR Valea Ierii
	VRI Vrinicioaia

## -- SENEGAL --

Centre ORSTOM de Senegal, M'Bour, Senegal  
Network code: MBO

	Senegal
	BKL Bakel
C	KDG Kedougou
	KDS Kedougou
C	KED Kedougou
	MBO Mbour
C	MMS Matam

## -- SOLOMON ISLANDS --

Ministry of Natural Resources, Honiara, Solomon Islands  
Network code: HNR

	Solomon Islands
	AUK Auki
	GIZ Gizo
	HNR Honiara
	LBT Labete
C	RKS Reka
	SVO Sava
	VSG Visale

## -- SOUTH AFRICA --

Geological Survey, Pretaria, South Africa  
Network code: PRE

SNA	Greater Antarctica, Antarctica
	Sandae
	Namibia
WIN	Windhoek
	Cape Province, South Africa
BLE	Bellville
CER	Ceres
C	CGH Cape Good Hope
C	CTO Cape Town
C	GRH Grahamstown
	GRM Grahamstown
	HVD Hendrik Verwoerd Dam
	KIM Kimberley
	LTT Louis Trichardt
	OKP Ookiep
	SUR Sutherland
	TUH Tulbagh
	Natal, South Africa
	JOZ Jozini
C	PIE Pietermaritzburg
	PTM Pietermaritzburg
	Orange Free State, South Africa
BLF	Bloemfontein
PKR	P.K. Le Roux Dam
PRY	Parys
SEK	Senekal
VIR	Virginia
WKM	Welkom
	Transvaal, South Africa
BFS	Buffelsfontein
BPI	Bernard Price Institute, Johannesburg
EVA	Evander
KSR	Koster
PRE	Pretoria
SLR	Silverton
SWZ	Schweizer-Reneke

## -- SPAIN --

Instituto Geografico y Catastral, Madrid, Spain  
Network code: MDD

	Spain
ACU	
AFC	Alfacar
ALI	Alicante
ALM	Almeria
EHOR	Hornochuelos
ENIJ	Nijar
EPLA	Plasencia
EVAL	Valverde del Camino
GUD	Guadarrama
LGR	Lagrono
MAL	Malaga
C	MDD Madrid
	STS Santiago de Compostela
C	TLO Toledo
	TOL Toledo
	Canary Islands, Spain
GGC	
TBT	Taburiente
TEN	Tenerife
VVD	Valverde

## -- SWEDEN --

National Defence Research Institute, Stockholm, Sweden  
Network code: HFS

	Sweden
R	ABB Abborrasen
	APD Appelbo
R	ATR Alsterbro
R	BYD Bredaryd
R	GBD Granbergs Dal

## -- SWEDEN --

## HFS Network--Continued

Sweden--continued

	GNN	Gunnerudssøetern
R	HED	Hedekas
	HFS	Hagfors
R	HRN	Horndal
R	HVK	Hallstadvik
R	KTN	Katrineberg
R	MRE	Mariestad
R	NYK	Nykoeping
R	OLF	Olofstroem
R	ORK	Oerkelljunga
R	SGAS	Staanga
	SLL	Staellet
	TBY	Torsby
R	TNU	Tenhult
R	VEB	Veberoed
R	VIM	Vimmerby
R	VNY	Vaermlands Nysaeter

Seismological Institute, Uppsala, Sweden  
Network code: UPP

	Sweden	
	DEL	Delary
C	GOT	Gateborg
	KIR	Kiruna
C	KLS	Karlskrona
	MYV	Myrviken
C	SKA	Skalstugan
	UDD	Uddeholm
	UME	Umea
	UPP	Uppsala

## -- SWITZERLAND --

Schweizerischer Erdbebendienst, Zurich, Switzerland  
Network code: ZUR

	Switzerland	
C	BAS	Basel (Basle)
	BBS	Basel--Blauen
C	BUB	Buchberg
C	CHU	Chur (Caire)
	DIX	Grand Dixence
C	EMO	Emasson
	EMS	Emasson--Mur
	LLS	Linthal--Limmern
	MMK	Mattmark
	NEC	Neuchatel
C	NEU	Neuchatel
	OSS	Ova Spin
	SAX	Saentis
	SLE	Schleitheim
	TMA	Tamara
	VDL	Val di Lei
	ZUL	Zurich--Lageren
C	ZUR	Zurich

## -- THAILAND --

Meteorological Department, Bangkok, Thailand  
Network code: CHG

	Thailand	
	BDT	Bhumibol Dam
	CHG	Chiang Mai
	CHTO	Chiang Mai
	KHT	Khaa Laem Dam
	LOE	Laei
C	LPT	Lampang
	NNT	Nong Plab
	NST	Nakhan Sawan
	PCT	Pak Chang
	SNG	Sangkhla

## -- TRINIDAD AND TOBAGO --

University of the West Indies, St. Augustine, Trinidad  
Network code: TRN

R	06A	Antigua and Barbuda East Barbudo O.B.S.
	ANG	Antigua, Antigua and Barbuda Antigua (Friars Hill)
C	AWI	Antigua
	BPA	Boggy Peak
	+BWI	Barbuda, Antigua and Barbuda Barbuda (Highland Field)
	CPB	Codrington
	BDH	Barbados Highclere
	BDS	Barbados (Husbands)
C	BRB	Barbados (Codrington)
	#GCM	Cayman Islands Grand Cayman
	BBL	Dominica Barbers Block (Morne Espagnol)
	MDN	Morne Daniel
	GRE	Grenada Grenada (Saint George's)
	GRW	Mount St. Catherine
	BBJ	Jamaica Bamboo St. Ann
C	BEV	Beverley
C	BRJ	Black River
	GWJ	Greenwich
	HOJ	Hope (Mona)
C	HOP	Hope
R	MBJ	Montego Bay (Kempshat)
	MCJ	Munro College (Malvern St. Elizabeth)
R	NCJ	New Castle
	PAJ	Port Antonio
	PCJ	Portland Cottage
	PRJ	Port Royal
R	SPJ	Spur Tree
	STH	Stony Hill
R	YHJ	Yallahs
	MGH	Montserrat Saint George's Hill
C	MWI	Montserrat (Grove)
	+MRN	Netherlands Antilles Sint Maarten
R	+SBN	Saba
	NEV	Nevis, Saint Christopher--Nevis Hard Times Estate
	BSK	Saint Christopher, Saint Christopher--Nevis Brimstone Hill
	SKI	Saint Kitts (Bayfards)
	SLB	Saint Lucia Belfond
C	SLI	Saint Lucia (Vigie Point)
	SLW	Petit Monier
	BHS	Saint Vincent, St. Vincent and the Grenadines Barnard House
	FCV	Fort Charlotte
R	OHS	Orange Hill
	RSV	Radio Antilles
	SOA	Owia
R	SRH	Rilland Hill
R	SSV	Crater Summit
	SVB	Belmont
R	SVG	Indian Gallows
C	SVI	Saint Vincent (Questelles Point)
R	SVL	Baleine
	SVT	Saint Vincent (Camden Park)
	SVV	Soufriere Volcano (Wallibou)
	BOT	Tobago, Trinidad and Tobago Bacolet
	GNG	Grange
	PIG	Pigeon Point
	PLY	Plymouth

## -- TRINIDAD AND TOBAGO --

## TRN Network--Continued

R SIH Tobago, Trinidad and Tobago--continued  
Signal Hill  
R TOB Tobago (Crown Point)  
TPR Prospect

C PLS Trinidad, Trinidad and Tobago  
Point Lisas  
TBH Brigand Hill  
TCE Chacachacare  
TPP Pointe-a-Pierre  
TRN Trinidad (Saint Augustine)  
TTR Matura

## -- TUNISIA --

Institut National de la Meteorologie, Sidi Bou Said,  
Tunisia

Network code: SBS

Tunisia  
R GAF Gafso  
KCHT Kechabta  
MBZ Menzel Bauzeifa  
SBS Sidi-Bou-Said  
R THA Thala  
ZGN Zaghouan

## -- TURKEY --

Kandilli Observatory, Istanbul, Turkey  
Network code: ISK

Turkey  
R AGN Agin  
ALT Altintas  
R ARF Arif  
BCK Bucak  
BKT Bokacak  
BNT Bandirma  
R CEM Cemisgezdek  
CTT Catolca  
R DGT Duragan  
DMK Demirkoy  
C DRB Dursunbey  
DST Dursunbey  
EDC Edincik  
ELL Elmalı  
C ELZ Elazig  
C ERD Erdek  
EZN Ezine  
C GET Gonen  
GPA Galpazari  
HRT Hereke  
ISK Istanbul--Kandilli  
IZM Izmir  
KCT Karacabey  
KDE Karadeniz Ereglisi  
KEB Kebon  
KGT Karabiga  
KLT Keltepe  
KVT Kavak  
MFT Murefte  
C MGN Mengen  
R PLU Palu  
R PTK Pertek  
R SGT Sevinc  
R TNC Tunceli  
TTK Tokmak  
YER Yerkelik  
YLV Yalava

Technical Univ. of Istanbul, Tesvikiye, Istanbul, Turkey  
Network code: IST

Turkey  
CIN Cine  
ERZ Erzurum  
IST Istanbul  
KAS Kastamonu  
RAM Raman  
SYT Seydisehir

## -- TURKEY --

## IST Network--Continued

Turkey--continued  
TBZ Istanbul (Trabzan)  
ZGT Zonguldak

## -- U.S.S.R. --

Institute of Physics of the Earth, Moscow, USSR  
Network code: MOS

Greater Antarctica, Antarctica  
MIR Mirnyy  
NVL Novolazarevskaya

Cuba  
+RCC Ria Carpintero  
#SOR Soroa

Armenian S.S.R., U.S.S.R.  
ERE Yerevan (Erevan)  
GRS Garis  
R KDR Kadzhoran  
LEN Leninakan

Azerbaijan S.S.R., U.S.S.R.  
BAK Baku  
KRV Kirovabad  
NAK Nakhichevan  
SHE Shemakha

Byelorussian S.S.R., U.S.S.R.  
MNK Minsk

Georgian S.S.R., U.S.S.R.  
BKR Bakuriani  
ZUG Zugdidi

Kazakh S.S.R., U.S.S.R.  
AAA Alma-Ata  
SEM Semipalatinsk  
TLG Talgar (Alma-Ata)

Kirghiz S.S.R., U.S.S.R.  
FRU Frunze  
NRN Naryn  
PRZ Przhvalsk

Moldavian S.S.R., U.S.S.R.  
KIS Kishinev

R.S.F.S.R., U.S.S.R.  
APA Apatity  
ARU Arti  
BOD Bodaybo  
ELT Yeltsovka  
GRO Groznyy  
ILT Iul'tin  
IRK Irkutsk  
KHE Kheis  
KUR Kuril'sk  
MAG Magadan  
MAK Makhachkala  
MGD Magadan 1  
MOS Moscow  
MOY Mandy  
NRI Noril'sk  
NVS Novosibirsk  
OBN Obninsk  
PET Petropavlovsk-Kamchatskiy  
PUL Pulkovo  
PYA Pyatigorsk  
SEY Seymchan  
SKR Severo-Kuril'sk  
SOC Sachi  
SPN Mys Shipunski  
SVE Sverdlovsk (Ekaterinburg)  
TIK Tiksi  
TUP Tupik  
UER Ust-Elegest  
UKR Ust-Kan  
VLA Vladivostok  
YAK Yakutsk  
YSS Yuzhno-Sakhalinsk  
ZAK Zakamensk

-- U.S.S.R. --

## MOS Network--Continued

	Tajik S.S.R., U.S.S.R.
DSH	Dushonbe (Stalinobod)
GAR	Garm
KHO	Khorog
KUL	Kulyab
R RGR	Regar
	Turkmen S.S.R., U.S.S.R.
ASH	Ashkhabad
KAT	Kizyl-Arvat
VAN	Vannovskaya
	Ukrainian S.S.R., U.S.S.R.
LVV	Lvov (Lemberg)
SIM	Simferopol
UZH	Uzhgorod (Unuar)
	Uzbek S.S.R., U.S.S.R.
ANR	Andizhon
SAM	Samarkand
TAS	Tashkent

Inst. Physics of the Earth Regional Stations, Moscow, USSR  
Network code: MOSR

	U.S.S.R.
R VEH	Verkh-Boza
	Armenian S.S.R., U.S.S.R.
R BAW	Bavro
R METS	Metsamor
STE	Stepanovan
R VRD	Vordenis
	Azerbaijan S.S.R., U.S.S.R.
R KUB	Kuba
LNK	Lenkoron
R MGC	Mingecheur
R PRLS	Pirkuli
R SHKS	Sheki
R ZHI	Ostrov Zhiloy
R ZKT	Zakataly
	Georgian S.S.R., U.S.S.R.
R DMNS	Dmanisi
R TKI	Tkibuli
	Kazakh S.S.R., U.S.S.R.
CHL	Chilik
CHM	Chimkent
R CHMS	Chumysh
R DZA	Dzhambul
R KST	Kostek
KUU	Kurty
R TDK	Taldy-Kurgan
R TGN	Turgen
	Kirghiz S.S.R., U.S.S.R.
R ANVS	Ananyeva
R ARK	Arkit
R ARLS	Aral
R BGK	Belogorko
R BTK	Batken
R KR1	Kirovskoe
R OHH	Osh
R OTK	Orto-Tokoy
RYB	Rybachye
SFK	Sufi-Kurgan
R TSTS	Tash-Pashat
	Moldavian S.S.R., U.S.S.R.
R KGL	Kagul
	R.S.F.S.R., U.S.S.R.
R AKT	Akhty
R ANKS	Angarakan
ANN	Anapa
R APN	Apakhonchich
ARS	Arshan
R AVH	Avacho
BDN	Bodon
BKI	Bering (Komandorsky Islands, Nikolskoe)
R BLCS	Bulachka
R BMKS	Bomnak
R BTGS	Batagay

-- U.S.S.R. --

## MOSR Network--Continued

	R.S.F.S.R., U.S.S.R.--continued
R CES	Cherskiy
R CGD	Chogdo
CIT	Chito
R CLNS	Chulmon
R CRS	Choro
CUR	Chagon-Uzun
R DBI	Debin
R DRN	Derbent
R ERNS	Erzin
R ESO	Esso
R INSS	Institut
KAB	Kabansk
R KBG	Krutoberegovo
R KHG	Khondygo
R KHY	Khatystyr
R KII	Karymskii
R KLDS	Kuldur
KLY	Klyuchi
KMO	Kumora
R KOK	Koryakskiy
KOZ	Kozyrevsk
KPC	Khapcherango
R KRN	Kronoki
R KROS	Kiravskiy
R KVO	Kavokta
R KZL	Kozelskiy
R MNAS	Manas
NIZ	Nizhne-Angarsk
NKL	Nikolaevsk-no-Amure
NLY	Nelyaty
R OMS	Omsukchan
R ORA	Oron
ORL	Orlik
R OSSR	Ossoro
R OZE	Ozernoye
PAU	Pouzhetko
R RMNS	Romny
SEL	Semlyachik
R SLBS	Syulbon
R SOL	Solontsovaya
SRK	Sredniy Kolar
R SUUS	Susumon
R SVBS	Severo-Baykalsk
R SVK	Severo-Muysk
R TEL	Teli
R TNL	Tonnelnyy
TOP	Topolovo
TRG	Tyrgono
R TUG	Tungurcho
TYV	Tymovskoe
R UKT	Uakit
R UNR	Ust-Nero
R USO	Ust-Omchug
R USZ	Ust-Nyukzho
R YASS	Yasnyy
R YOA	Uoyan
R ZEA	Zeya
R ZIP	Tsipikan
	Tajik S.S.R., U.S.S.R.
R BLD	Boldzhuon
R BZN	Bogi-Zagon
CGT	Chuian-Garon
R CSD	Chor-Sady
DZE	Dzherino
DZT	Dzhirgotal
R IGR	Igron
KLD	Kalaidasht
R KMAS	Komarov
R KMSS	Komsamalabad
R KNR	Kongurt
KRU	Karasu
LNA	Lyangor
MUR	Murgob
OBG	Obigarm
R PSV	Peshtova
R RAG	Ragun
R SHTS	Shaartuz
R SNI	Shing
URT	Uro-Tyube
	Turkmen S.S.R., U.S.S.R.
R AGAS	Argan-Ata
R CAGS	Chagyl
R CHDS	Chardzhou

## -- U.S.S.R. --

## MOSR Network--Continued

R GAUS Turkmen S.S.R., U.S.S.R.--continued  
 R KAH Gyaurs  
 R KRF Kaushut  
 R MNYS Krasnovodsk  
 R SA1 Manysh  
 Sarykul

## Ukrainian S.S.R., U.S.S.R.

ALU Alushta  
 CRA Chernovtsy  
 FEO Feodosiya  
 R KSV Kosov  
 R MEZ Mezghorye  
 R MRSS Marshin  
 RAK Rakhov  
 YAL Yalta

## Uzbek S.S.R., U.S.S.R.

AGL Agalyk  
 R ANE Angren  
 R CIMS Chimgan  
 DZI Dzhizak  
 R DZN Dzhangeldy  
 FRG Fergana  
 NAM Namangan  
 R NUKS Nukus  
 NUT Nurata  
 R TERS Termez  
 R TMD Tamdybulak

Sakholin Complex Research Institute, Novooalexandrovsk,  
 USSR

Network code: SAKL

## R.S.F.S.R., U.S.S.R.

MAU Matua  
 OKH Okha  
 REI Reidovoe  
 SHO Shikotan  
 SIU Simushir  
 UGL Uglegorsk  
 YUK Yuzhno-Kurilsk

## I.G. of Georgian SSR, Tbilisi, USSR

Network code: TIF

## Georgian S.S.R., U.S.S.R.

ABS Abastumani  
 AKH Akhalkalaki  
 BGD Bagdanovka  
 DUS Dusheti  
 GEG Gegechkori  
 GOR Gori  
 R KHS Khoishi  
 R LGD Lagodekhi  
 MTA Mtatsminda (Tbilisi 2)  
 ONI Oni  
 R SAB Saberia  
 TIF Tbilisi (Tiflis)  
 R TSE Tsebelido

## -- UNITED KINGDOM --

British Geological Survey, Edinburgh, United Kingdom  
 Network code: BGS

## Greece

R VAG Aggia Anna  
 R VFI Filaki  
 R VGL Glafira  
 R VMA Markatai  
 R VNE Neochorion  
 R VPA Pavliani  
 R VSI Simia  
 R VSK Skopelos  
 R VTH Erithrai

## New Britain, Papua New Guinea

R EDY Kabakan Island  
 EKN Konogogo  
 ELB Lambom Island  
 ERB Rabaul

## -- UNITED KINGDOM --

## BGS Network--Continued

## New Britain, Papua New Guinea--continued

ESM Semalu  
 ETV Tovanokuss  
 R EVZ Mount Vorzin  
 EWT Watom Island

## England, United Kingdom

AWH Whinburgh  
 CRO Rosemonowes  
 HPK Hoverah Park  
 HTL Hartland  
 XAL Allendale  
 XDE Dent Fell

## Scotland, United Kingdom

EAB Aberfoyle  
 EAU Auchinoon  
 EBH Black Hill  
 EBL Broadlaw  
 ECK Cauldkine Hill  
 EDI Edinburgh  
 EDU Dundee  
 C EGL Gala Low  
 ELO Logiealmond  
 ESK Eskdalemuir  
 ESY Stoneypath  
 KYL Kyle  
 MCD Coleburn Distillery  
 XSO Sourhope Farm

## Shetland Islands, United Kingdom

LRW Lerwick

## Wales, United Kingdom

HCG Craig Goch

Procurement Executive, Ministry of Defence, Blacknest, UK  
 Network code: BKN

Northern Territory, Australia  
 #WRA Worramunga Array

Northwest Territories, Canada  
 #YKA Yellowknife Array

Karnataka, India  
 #GBA Gouribidanur Array

C SWD Swaziland  
 Swaziland

## England, United Kingdom

R BKN Blacknest  
 CLB Chilbolton  
 R MMY Middlesmaar  
 POE Porton East  
 C POS Porton South  
 R SBD Saint Breward  
 R SCK South Creake  
 R SHT Shorpitor  
 WOL Wolverton

## Scotland, United Kingdom

EKA Eskdalemuir Array

## Wales, United Kingdom

R BYB Berrybush  
 R LLW Llanuwchllyn  
 LPW Lampeter

Wyoming, U.S.A.  
 C PMW Pole Mountain

University of Leeds, Yorkshire, UK  
 Network code: OMB

Cameroon  
 R NGC N'Gaoundere  
 YND Yaounde

Sudan  
 C NYA Nyala



-- UNITED KINGDOM --

QMB Network--Continued

R BMY England, United Kingdom  
C OMB Bingley Moor  
Queensbury

-- U.S.A. --

University of Michigan, Ann Arbor  
Network code: AAM

Indiana, U.S.A.  
IN1 Indiana Array  
IN2 Indiana Array  
IN3 Indiana Array  
IN4 Indiana Array

Michigan, U.S.A.  
AAM Ann Arbor  
ACM Allegan  
KZM Kalamazoo  
C SUG Sugar Island  
WPM White Pine

Ohio, U.S.A.  
AN1 Anna  
AN10 Anna  
AN11 Anna  
AN12 Anna  
AN3 Anna  
AN4 Anna  
AN7 Anna  
AN8 Anna  
AN9 Anna

USGS, Alaska Seismic Project, Menlo Park, California  
Network code: AGS

Alaska, U.S.A.  
ABF Auke Bay  
AGAM Agassiz Lake  
ALC Alcan  
BALM Baldy  
BCPM Bancas Point  
BGM Big Mountain  
C BIG Big Mountain  
BMRM Bremner River  
BRLK Bradley Lake  
C BRNE Brodley Lake NE  
C BRNW Bradley Lake NW  
C BRSE Bradley Lake SE  
C BRSW Bradley Lake SW  
CFI College Fiord  
CGLM Capps Glacier  
CHX Chaix Hills  
CKK Chekok  
CNPM China Paot  
CRP Crater Peak  
CSG Childs Glacier  
CTGM Chitina Glacier  
CVA Cordova  
C CYT Cape Yakataga  
C DSK Disk Island  
C ERN Ernestine  
FID Port Fidalga  
C FIS Fire Island  
GBY Granite Bay  
GHO Glory Hole Creek  
GLB Gilahina Butte  
C GLC Glacier Island  
GLI Glacier Island  
GYD Guyat Hills  
HIN Hinchinbrook Island  
HMT Hamilton  
HON Harlequin Lake  
ILM Iliamna  
KAIM Kayak Island  
KLU Klutina  
KMP Kimball Pass  
KNIM Knight Island  
KNK Knik Glacier  
C KTM Katmai  
C KYK Kayak Island  
LOU Louis Bay  
MLA Malaspina Glacier

-- U.S.A. --

AGS Network--Continued

Alaska, U.S.A.--continued

MPA Moose Pass  
MSE Moose Creek  
C MTG Montague Island  
MTU Montague Island  
C NGL North Gasline  
C NIN Niniitchik One  
NKA Nikiskho  
NNL Niniitchik  
C NTK Nunatak  
PCA Pinnacle  
PDB Pedro Bay  
PLRM Palmer USGS  
PNL Peninsula  
PTE Portage  
PWL Port Wells  
RAGM Ragged Mountain  
RDT Redoubt  
C RGD Ragged Mountain  
RIU Riou  
C SDEM Sadie Cove  
SEW Seward  
C SGA Stephens Glacier  
SGAM Sherman Glacier  
C SKL Skilak (Cooper Landing)  
SKT Skwentna  
SLKM Skilak Lake  
SLV Seldovia  
SML Sawmill  
SNH Sunshine Point  
SPU Mount Spurr  
C SST Susitna  
C STY Stony River  
SUA Susitna One  
SUK Suckling Hill  
C TLK Tolkeetna Mountains  
TSIM Tsino  
TTV Teren Tiev Lake  
VLZ Voldez  
C VZS Valdez South  
VZW Voldez West  
WAX Waxell Ridge  
C WLM Willow Mountain  
WRG White River Glacier  
YAH Yahtse  
YKGM Yakotaga  
C YKT Yakutat

Georgia Tech University, Atlanta  
Network code: ATL

Alabama, U.S.A.  
BKA Kennedy  
HGA Collinsville  
HVA Hanceville  
MLAL Sawyerville  
OCA Owens Crossroads  
TDA Talladega  
TSAL Tannehill State Park

Georgia, U.S.A.  
ATL Atlanta  
CDG Carters Dam  
CH5 Clark Hill Reservoir  
CH6 Clark Hill Reservoir  
DALG Dalton  
ETG Eatonton  
GBG Greensboro  
REG Rock Eagle  
RMG Rome  
WDG Wallace Dam

University of Texas, Austin  
Network code: ATX

Texas, U.S.A.  
ATX Austin  
FMTX Flower Mountain  
NSLM New Salem  
PRST Prospect

## -- U.S.A. --

University of Kentucky, Lexington  
Network code: BHKY

## Kentucky, U.S.A.

BHKY Bowmon Hall  
L6KY Lock 6  
LLKY Lond-Between-the-Lakes  
PKKY Grayson  
SMKY Sacramento  
SOKY Sonora

Virginia Polytechnic Institute, Blacksburg  
Network code: BLA

## Virginia, U.S.A.

BAV Blacksburg  
BLA Blacksburg  
BV1 Bath County 1  
BV2 Bath County 2  
BV3 Bath County 3  
BV4 Bath County 4  
C CLT Charlottesville  
CNV Carbin  
CVL Charlottesville  
FRV Farmville  
GHV Gauchland  
C KMV Keen Mountain  
NA11 North Anna  
NA12 North Anna  
NA2 North Anna  
R NA5 North Anna  
NAV Narrows  
C NV1 North Anna  
C NV2 North Anna  
C NV3 North Anna  
C NV4 North Anna  
C NV5 North Anna  
C NV6 North Anna  
C NV7 North Anna  
PBV Petersburg  
PUV Pulaski  
VWV Patts Mountain

## West Virginia, U.S.A.

HWV Hinton  
PWV Princeton

Indian Point Network, Woodward-Clyde Consultants, New  
Jersey

## Network code: BLMY

## New Jersey, U.S.A.

ABMC Merrill Creek  
DENJ Denville  
EPMC Merrill Creek  
FHMC Merrill Creek  
HRMC Merrill Creek  
MONJ Montclair  
PDMC Merrill Creek  
PEMC Merrill Creek  
PFMC Merrill Creek  
PMMC Merrill Creek

## New York, U.S.A.

ABRN Auburn  
ANNS Annsville  
BERL Berlin  
BIPS Buchanan  
R BLMY Blum  
CAMB Cambridge  
CAZE Cazenovia  
CHAU Chaumont  
R CHRY Collis Hallow Road  
CLAR Clarkstown  
COSP Cold Spring  
R DBMY Dunderburg Mountain  
R DPLY Delli Paoli  
ELNV Ellenville  
GARN Gorrisan  
GERM Germantown  
GILB Gilboa  
GLOV Glaversville  
R GOBY Gabbelet  
R GSCY Girl Scout Camp  
HAVE Haverstrow  
LCNA Lacono

## -- U.S.A. --

## BLMY Network--Continued

## New York, U.S.A.--continued

LILH Lima  
ONTR Ontario  
R OSBY Osborn  
OSNY Ossining  
OSWG Oswego  
PHEL Phelps  
PUTN Putnam  
QLNY Queensboro Lake  
RLSP Rockland Lake  
ROTD Rotterdam  
SNPY Stony Point  
SONY Sodus  
R SPSY Saint Peters School  
R SRMY Scherman  
R STLY Stiles  
STWA Stillwater  
SUFF Suffern  
WEST Westmoreland  
R WGLY Wegel  
WMNY West Manrae  
WTVE Waterville

University of Colorado, Boulder  
Network code: BOU

## Alaska, U.S.A.

AD1 Great Sitkin  
AD2 Umak  
AD3 Kagalaska  
AD4 Hidden Bay  
AD5 Yakak  
AD6 South Kanaga  
AD7 North Kanaga  
AD8 Adagdak  
C AK0 North Tanaga  
AK1 West Kanaga  
AK2 South Tanaga  
AK3 North Tanaga  
AK4 Babraf  
AK5 North Tanaga  
C AT1 West Kanaga  
C AT2 South Tanaga  
C AT3 North Tanaga

## Colorado, U.S.A.

C BOU Boulder  
C PMC Paarman Mine

University of California, Berkeley  
Network code: BRK

## California, U.S.A.

ARC Arcata  
BKS Berkeley--Byerly  
BRK Berkeley--Haviland  
C CLS Calistoga  
C CNC Concord--Diablo Valley College  
FHC Fickle Hill  
C FRE Fresno  
FRI Friant  
GCC Granite Creek  
C HRC Harris Ranch  
C JAS Jamestown  
JAS1 Jamestown  
R JMS Jamestown  
LLA Llanada  
MHC Mount Hamilton (Lick Observatory)  
MIN Mineral  
MLC Manzanita Lake  
C PAC Pala Alta--Bronner  
PCC Pilarcitas Creek  
C PRC Paint Reyes  
PRI Priest  
PRS Paraiso  
SAO San Andreas Geological Observatory  
C SCC Santa Cruz  
C SFB San Francisco  
C SHS Shasta Dam  
C VIN Vineyard  
C VIT Vineyard--Telemeter  
WDC Whiskeytown Dam  
C WKC Walker Ridge  
WKC2 Walker Ridge

## -- U.S.A. --

## BRK Network--Continued

ZSP California, U.S.A.--continued  
San Pablo Dam

#MNA Nevada, U.S.A.  
Mina

Boise State University, Idaho  
Network code: BSE

Idaho, U.S.A.  
BSE Boise  
CPI Crown Point  
SBID Snowbank Mountain  
TID Three Point Mountain  
TYI Trinity Mountain  
WPI Wilson Peak

Montana Bureau of Mines and Geology, Butte  
Network code: BUT

Montana, U.S.A.  
AMM Anaconda  
C BCM Basin Creek  
BUT Butte  
CCMT Clark Canyon Reservoir  
C DPM Delma Park  
ERMT East Ridge  
HRF Holter Research Foundation--Helena  
HRY Holter Research Foundation--York Bridge  
LCCM Lewis and Clark Caverns  
LRM Limekiln Ridge  
NCM Ninemile Creek  
RFM Reservoir Flats  
SVMT Summit Valley  
SXM Sixmile

Massachusetts Institute of Technology, Cambridge  
Network code: CAM

Massachusetts, U.S.A.  
C CAM Cambridge  
COD South Dennis  
DUX Duxbury  
GLO Gloucester  
HRV Harvard--Oak Ridge  
WFM Westford

New Hampshire, U.S.A.  
DNH Durham  
ONH Oakhill (Concord)  
PNH Pitcher Mountain  
WNH Whiteface

California Department of Water Resources, Sacramento  
Network code: CDWR

California, U.S.A.  
C CED Cedar Springs  
R CSL Crestline  
CSP Cedar Springs  
C FEA Feather Falls  
GAS Alder Springs  
KPK Kanaka Peak  
MGL Magalia  
R MRD Mojave River Dam  
ORV Oroville  
PAM Palermo  
PEC Perris  
PYR Pyramid  
RMT Round Mountain  
SLD San Luis Dam

Nevada, U.S.A.  
R BNPN Boundary Peak

Southern Methodist University, Dallas, Texas  
Network code: DAL

Texas, U.S.A.  
DAL Dallas  
LTX Lajitas

## -- U.S.A. --

## DAL Network--Continued

Texas, U.S.A.--continued  
R MTX Morathon  
R SFTX Shafter  
R TTX Tres Cuevos

Teledyne Geotech Corporation, Garland, Texas  
Network code: GEOT

Louisiana, U.S.A.  
LSU1 Parcperdue Array  
LSU2 Parcperdue Array  
LSU3 Parcperdue Array  
LSU4 Parcperdue Array  
LSU5 Parcperdue Array

Geophysical Institute, Univ. of Alaska, Fairbanks  
Network code: GIA

Alaska, U.S.A.  
R ACK Alder Creek  
C AGI Augustine Island  
R ANI Aniakchak  
ANV Anvil Mountain  
R AUE Augustine Island  
AUF Augustine Island  
AUH Augustine Island  
AUI Augustine Island  
AUL Augustine Island  
AUM Augustine Island  
R BBO Besboro Island  
C BDP Brood Pass  
BEH Bench  
C BI1 Barter Island  
C BI2 Barter Island  
C BI3 Barter Island  
C BI4 Barter Island  
BLM Blue Mountain  
C BRH Birch Hill  
BRV Borrow  
CCB Clear Creek Butte  
C CDA Cape Douglas  
CDD Cape Douglas  
CDL Candler  
CDY Cape Darby  
R CHIA Chirikof Island  
CHW Chawiet Island  
R CKR Christmas Creek  
C CNA Contwell  
DDM Donnelly Dome  
DMA Devil Mountain  
DMB Deadman Bay  
EAM Ear Mountain  
C ELV Elvey  
C ENG Engineer Hill  
FLP Featherly Pass  
FY1 Fort Yukon  
FY2 Fort Yukon  
C FY3 Fort Yukon  
C FY4 Fort Yukon  
FY5 Fort Yukon  
FYU Fort Yukon  
C GIA Geophysical Institute, Univ. of Alaska (College)  
GKC Gold King Creek  
GLM Gilmore Dome  
HDA Hording Lake  
HOM Homer  
C HPP Hepp  
C HUR Hurricane  
R KGR Kogok River  
KTA Katzebue  
LVY Levy  
C MCB Moose Creek Bluff  
MCK McKinley  
C MCL McNeil River  
MCNL McNeil River  
C MCR Mercer  
C MIK Minitrack  
MMC Middle Cape  
MRS Maors  
NEA Nenana  
C NRA North River  
OPT Oil Point  
PAX Poxson  
C PJD Pedro Dome

## -- U.S.A. --

## GIA. Network--Continued

Alaska, U.S.A.--continued

PNN Pinnacle Mountain  
 PUB Puole Bay  
 RAI Raspberry Island  
 RDS Richard D. Siegest  
 RED Redoubt Volcano  
 C RON Remote  
 C SCF Sheep Creek Facility  
 SCM Sheep Creek Mountain  
 C SCT Scatty Lake  
 SHU Shuyak Island  
 SII Sitkinak Island  
 SKD Sitkalidak Island  
 SPL Spiridan Lake  
 C SSH Sunshine  
 R TCY Tin City  
 TKK Tapkok  
 TNA Tin City  
 TNN Tanana  
 UGI Ugak Island  
 C UKL Ugashik Lake  
 USL Ugashik Lake  
 WRH Wood River Hill  
 YCB Yellow Creek Bluff

Geophysics Department, Colorado School of Mines, Golden  
 Network code: GOL

Colorado, U.S.A.  
 GOL Golden (Bergen Park)  
 C HDQ Headquarters  
 C HLR Highlands Ranch  
 C WTC Watertan

Hawaii Institute of Geophysics, Honolulu  
 Network code: HIG

Midway Islands, Hawaiian Islands  
 C MDY Midway  
 Marcus Island, Japan  
 C MCS Marcus Island

Guatemala Basin, North Pacific Ocean  
 GB01 Guatemala Basin O.B.S. 1  
 GB02 Guatemala Basin O.B.S. 2  
 GB03 Guatemala Basin O.B.S. 3  
 GB04 Guatemala Basin O.B.S. 4  
 GB05 Guatemala Basin O.B.S. 5  
 GB06 Guatemala Basin O.B.S. 6  
 GB07 Guatemala Basin O.B.S. 7  
 GB08 Guatemala Basin O.B.S. 8

Hawaii, U.S.A.  
 HIG Hawaii Institute of Geophysics  
 C HNL Honolulu  
 Wake Island  
 C WKE Wake

University of Texas, Galveston  
 Network code: HKT

Honduras  
 SSU San Pedro Sula

Texas, U.S.A.  
 HKT Hackley  
 MOT McDonald Observatory  
 MT1 Baracha Peak  
 MT2 Eagle Mountain  
 MT3 Miller Ranch  
 MT4 Brite Ranch

NOAA, Pacific Tsunami Warning Center, Honolulu, Hawaii  
 Network code: HON

Hawaii, U.S.A.  
 C BAH Barrette  
 DHH Diamond Head  
 HKL Haleakala  
 HON Honolulu

## -- U.S.A. --

## HON Network--Continued

Hawaii, U.S.A.--continued  
 HPO Honuapo  
 KIP Kipapo  
 KKH Kailua Kana  
 C KPH Kaena Point  
 MHA Mahukona  
 MKH Mauna Kea  
 MOK Mokapu  
 OPA Opono  
 C PUP Pupakea

USGS, Hawaiian Volcano Observatory, Hawaii  
 Network code: HVO

Hawaii, U.S.A.  
 AHA Ahu  
 AIN Ainapo  
 CPH Captain Cook  
 CPK Cane Peak  
 DAH Dandelian  
 DES Desert  
 ESR Escape Road  
 HBH Hawaiian Beaches  
 HIL Hilo  
 HLK Haleakala  
 HLP Hilina Pali  
 HMH Humuula Sheep Station  
 HPU Hale Pahaku  
 HTC Hot Caves  
 HUH Hualalai  
 HUL Heiheiuhulu  
 HVO Hawaiian Volcano Observatory (Kilauea)  
 KAE Kaena  
 C KEA Kealakama  
 KFH Kaaiki Faults  
 KHU Kahuku  
 KIH Kanehiki  
 KKH Keonokolu  
 KKL Kapapala Ranch  
 C KLM Kealakakua  
 KMH Puu Kamoama  
 C KML Kamuela  
 KNH Kipuka Nene  
 C KNW Konawaena  
 KOH Kohala  
 KPO Kapoho  
 KUH Kaapuna  
 C M12 M12  
 MKA Makaopuhi  
 MLH Mauna Loa  
 MLX Mauna Loa 2  
 MVH Mountain View  
 MWH Mokuaweoweo  
 C NAA Naalehu  
 C NBH North Bay  
 NGH National Guard  
 NPH North Pit  
 OUT Outlet  
 C PAH Pahoa  
 C PHH Puu Huluhulu  
 PHO Puu Hanuaua  
 PKL Puu Kaliu  
 PLL Puu Ulaula  
 POH Pahaiki  
 PPL Puu Pili  
 PUH Pauahi  
 PWH Poliakeawe Pali  
 RIM Rim  
 SPT South Point  
 SWH Southwest Rift  
 TRH Trail  
 UWE Uwekahuna  
 WHA Wahaia  
 C WHI Whitney  
 WIH Wilkes Camp  
 WKH Waikiki  
 WLG Waldron Ledge  
 WOB Weather Observatory  
 WOH Wood Valley  
 C WPH West Pit

-- U.S.A. --

Cornell University, Ithaca, New York  
Network code: INY

NUK Tongo  
Nukualofa

INY New York, U.S.A.  
Ithaca

DVP Vanuatu Islands  
Devils Point

EME Emae

EPI Epi

MBV Mont Bernier

RTV Rentapaa

SWB Southwest Bay

Lawrence-Livermore Laboratories, Livermore, California  
Network code: LAC

CL1 California, U.S.A.  
Del Valle

CL2 Mines Road

LAC Landers

ELK Nevada, U.S.A.  
Elko

MNV Mina

KNB Utah, U.S.A.  
Kanab

Kansas Geological Survey, Univ. of Kansas, Lawrence  
Network code: LAK

BEK Kansas, U.S.A.  
Belvue

CNK Concordia

EDK El Dorado

EMK Emporia

HWK Hiawatha

LAK Lawrence

MLK Milford Reservoir

C NNK Norton

C OBK Oberlin

SNK Salina

TCK Tuttle Creek Reservoir

BENE Nebraska, U.S.A.  
Beatrice

CCNE Clay Center

HMN Homestead National Monument

INDN Indianola

JHN Johnson

LCNE Loup City

MKN Medicine Creek Dam

PCNE Platte Center

WHNE Wahoo

Large Aperture Seismic Array, Billings, Montana (closed)  
Network code: LASA

C LAO Montana, U.S.A.  
LASA Array

C LB1 LASA B Ring

C LB2 LASA B Ring

C LB3 LASA B Ring

C LB4 LASA B Ring

C LC1 LASA C Ring

C LC2 LASA C Ring

C LC3 LASA C Ring

C LC4 LASA C Ring

C LD1 LASA D Ring

C LD2 LASA D Ring

C LD3 LASA D Ring

C LD4 LASA D Ring

C LE1 LASA E Ring

C LE2 LASA E Ring

C LE3 LASA E Ring

C LE4 LASA E Ring

C LF1 LASA F Ring

C LF2 LASA F Ring

C LF3 LASA F Ring

C LF4 LASA F Ring

-- U.S.A. --

Los Alamos Scientific Laboratories, Los Alamos, New Mexico  
Network code: LOA

C TSL Arizona, U.S.A.  
Tsaile (Navajo Community College)

C BRC New Mexico, U.S.A.  
Barley Canyon

CLP Clara Peak

R CZL Cerro Azul

DMPK Deadmon Peak

EUM Eureka Mesa

C FARG Farmington

C FCN Frijoles Canyon

JOAQ Joaquin Lookout

C LCV La Cueva

C LFC Lake Fork Canyon

C LOA Los Alamos

MSA Mount San Antonio

MTL Mount Taylor

OTZ Ortiz Mountain

REDP Redondo Peak

C RIO Rio Grant (Caja del Rio)

SPD Saint Peter's Dome Lookout

TSP Tesuque Peak

TTP Tetilla Peak

Lang Range Seismic Monitoring Network, Garland, Texas  
(closed)

Network code: LRSM

C LZ-BV Bolivia  
La Paz

C JP-AT Alberta, Canada  
Jasper

C KV-AT Keg River

C WS-AT Waterways

C CK-BC British Columbia, Canada  
Coche Creek

C FL-BC Fort Nelson

C FT-BC Fort McLeod

C HM-BC 100 Mile House

C ME-BC Merritt

C PD-BC Princeton

C PG-BC Prince George

C PG2BC Prince George

C ON-BC Quesnel

C SI-BC Smithers

C WK-BC Williams Lake

C CH-MT Manitoba, Canada  
Churchill

C EB-MT East Braintree

C ER218 New Brunswick, Canada  
Early Rise 218

C ER219 Early Rise 219

C ER220 Early Rise 220

C ER221 Early Rise 221

C ER222 Early Rise 222

C ER223 Early Rise 223

C ER224 Early Rise 224

C ER225 Early Rise 225

C ER226 Early Rise 226

C ER227 Early Rise 227

C ER228 Early Rise 228

C ER229 Early Rise 229

C ER230 Early Rise 230

C NP-NT Northwest Territories, Canada  
Mould Bay

C ER231 Nova Scotia, Canada  
Early Rise 231

C ER232 Early Rise 232

C ER233 Early Rise 233

C ER234 Early Rise 234

C ER235 Early Rise 235

C ER236 Early Rise 236

C ER237 Early Rise 237

C ER238 Early Rise 238

C ER239 Early Rise 239

C ER241 Early Rise 241

C ER242 Early Rise 242

-- U.S.A. --

## LRSM Network--Continued

Ontario, Canada  
 C ER101 Early Rise 101  
 C ER102 Early Rise 102  
 C ER103 Early Rise 103  
 C ER104 Early Rise 104  
 C ER105 Early Rise 105  
 C ER106 Early Rise 106  
 C ER107 Early Rise 107  
 C ER108 Early Rise 108  
 C ES-ON Esponolo  
 C MW-ON Mottawo  
 C RK-ON Red Lake  
 C SL-ON Sault Sainte Marie

Quebec, Canada  
 C BU-OB Buckingham  
 C ER109 Early Rise 109  
 C ER110 Early Rise 110  
 C ER111 Early Rise 111  
 C ER112 Early Rise 112  
 C ER113 Early Rise 113  
 C ER114 Early Rise 114  
 C ER115 Early Rise 115  
 C ER116 Early Rise 116  
 C ER117 Early Rise 117  
 C ER118 Early Rise 118  
 C ER119 Early Rise 119  
 C ER120 Early Rise 120  
 C ER201 Early Rise 201  
 C ER202 Early Rise 202  
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 C ER207 Early Rise 207  
 C ER208 Early Rise 208  
 C ER209 Early Rise 209  
 C ER210 Early Rise 210  
 C ER211 Early Rise 211  
 C ER212 Early Rise 212  
 C ER213 Early Rise 213  
 C ER215 Early Rise 215  
 C ER216 Early Rise 216  
 C ER217 Early Rise 217  
 C SO-OB Sarel  
 C SV2OB Schefferville  
 C SV3OB Schefferville

Yukon Territory, Canada  
 C BH-YK Burwash Landing  
 C WH-YK Whitehorse  
 C WH2YK Whitehorse  
 C WL-YK Watson Lake

Cook Islands  
 C TG-IS Tongareva Island

Cuba  
 C GM-CU Guantanamo

Bayern, Fed. Rep. of Germany  
 C GG-GR Graefenberg

Greenland  
 C IC-GL Ice Cap  
 C TE-GL Thule

Johnston Island  
 C JN-IS Johnston Island

Line Islands, Kiribati  
 C PR-IS Palmyra Island

Marshall Islands  
 C EW-IS Eniwetok

Norway  
 C OO-NW Oslo

Panama  
 C FH-PM Fort Sherman

Puerto Rico  
 C PZ-PR Ponce

-- U.S.A. --

## LRSM Network--Continued

Alabama, U.S.A.  
 C AX-AL Alexander City  
 C AX2AL Alexander City  
 C BO-AL Brewton  
 C EU-AL Eutaw  
 C EU2AL Eutaw

Alaska, U.S.A.  
 C AA-IS Atka  
 C AC-IS Amchitko  
 C AD-IS Adak Island  
 C BQ-AK Bethel  
 C FB-AK Fairbanks  
 C FB2AK Fairbanks  
 C SP-IS Saint Paul  
 C SQ-IS Shemya

Arizona, U.S.A.  
 C FS-AZ Flagstaff  
 C GE-AZ Globe  
 C HR-AZ Heber  
 C JR-AZ Jerome  
 C KG-AS Kingman  
 C KG-AZ Kingman  
 C KH-AZ Kohls Ranch  
 C LG-AZ Lang Valley  
 C NL-AZ Nazlini  
 C NL2AZ Nazlini  
 C PY-AZ Payson  
 C SF-AZ Snowflake  
 C SG-AZ Seligman  
 C SN-AZ Sunflower  
 C SV-AZ Springerville  
 C WM-AZ Williams  
 C WO-AZ Winslow

Arkansas, U.S.A.  
 C BK-AR Bald Knob  
 C CW-AR Conway  
 C IK-AR Ink  
 C MK-AR Marked Tree  
 C MP-AR Mountain Pine  
 C MY-AR McCrory  
 C MZ-AR Mount Ida  
 C PV-AR Perryville  
 C WR-AR Walnut Ridge  
 C WY-AR Wynne

California, U.S.A.  
 C BF-CL Bakersfield  
 C BP-CL Bishop  
 C CP-CL Campo  
 C DV-CL Death Valley  
 C KM-CL Kramer  
 C ML1CL Mono Lake  
 C ML2CL Mono Lake  
 C ML3CL Mono Lake  
 C ML4CL Mono Lake  
 C MV-CL Marysville  
 C ND-CL Needles  
 C TF-CL Toft  
 C TN-CL Twentynine Palms  
 C YR-CL Yreka

Colorado, U.S.A.  
 C DR-CO Durango  
 C FK-CO Franktown

Florida, U.S.A.  
 C BE-FL Belleview  
 C OR-FL Orlando

Georgia, U.S.A.  
 C LA-GA Lafayette

Hawaii, U.S.A.  
 C HW-IS Hawaii Island  
 C OA-IS Oahu Island

Idaho, U.S.A.  
 C CL-ID Challis  
 C HL-ID Hailey  
 C HL2ID Hailey  
 C MO-ID Mountain Home  
 C PQ-ID Preston

-- U.S.A. --

## LRSM Network--Continued

Illinois, U.S.A.  
 C PW-IL Pontiac  
 C WO-IL Wotseka

Iowa, U.S.A.  
 C BY-IO Bloomfield  
 C VO-IO Vinton

Kansas, U.S.A.  
 C EM-KA Emporio

Kentucky, U.S.A.  
 C DY-KY Dry Ridge  
 C RS-KY Russell Springs

Louisiana, U.S.A.  
 C JE-LA Jena  
 C LV-LA Liddieville

Maine, U.S.A.  
 C AG-ME Augusta  
 C BG-ME Bangor  
 C HN-ME Houlton

Maryland, U.S.A.  
 C ER304 Early Rise 304  
 C GS-MD Grantsville

Michigan, U.S.A.  
 C ED-MI Edgewood  
 C PF-MI Pickford  
 C TT-MI Trout Lake

Minnesota, U.S.A.  
 C GP-MN Grand Rapids  
 C GY-MN Gaylord  
 C HT-MN Hastings  
 C JA-MN Jospers  
 C JO-MN Jordan  
 C NB-MN North Branch  
 C PP-MN Pipestone  
 C SE-MN Sleepy Eye  
 C TY-MN Tracy  
 C WD-MN Windom  
 C WF-MN Wykoff

Mississippi, U.S.A.  
 C GH-MS Greenville  
 C LD-MS Lucedale  
 C LD2MS Lucedale  
 C LD3MS Lucedale  
 C LL-MS Laurel  
 C LU-MS Lumberton  
 C MB-MS McComb  
 C PC-MS Picayune  
 C PU-MS Purvis  
 C RI-MS Richton  
 C TO-MS Tatum Dome

Missouri, U.S.A.  
 C EN-MO Ellsinore  
 C KC-MO Kansas City

Montana, U.S.A.  
 C -A0MA Subarray A0 LASA  
 C AN-MA Angela  
 C BS-MA Billings  
 C DI-MA Dillon  
 C FR-MA Forsyth  
 C GI-MA Glendive  
 C HV-MA Havre  
 C HY-MA Hysham  
 C LN-MA Lewistown  
 C SW-MA Sweetgrass

Nebraska, U.S.A.  
 C AI-NB Alliance  
 C CR-NB Crete  
 C CR2NB Crete  
 C CZ-NB Cody  
 C GO-NB Gordon  
 C HS-NB Hay Springs  
 C MH-NB Mitchell  
 C NR-NB Niobrara River

-- U.S.A. --

## LRSM Network--Continued

Nevada, U.S.A.  
 C AT-NV Austin  
 C CO-NV Caliente  
 C CU-NV Curren  
 C EK-NV Eureka  
 C EY-NV Ely  
 C EY2NV Ely  
 C FA-NV Faultless  
 C GF-NV Goldfield  
 C IO-NV Ione  
 C KP-NV Kawich Peak  
 C LI-NV Liberty  
 C LM-NV Lake Mead  
 C LO-NV Lovelock  
 C MN-NV Mino  
 C NT-NV Nevada Test Site  
 C NT2NV Nevada Test Site  
 C OB-NV Oak Springs Butte  
 C OB2NV Oak Springs Butte  
 C OB3NV Oak Springs Butte  
 C PH-NV Jarum 4  
 C PH2NV Jarum 1  
 C PH3NV Handley 1  
 C PH4NV Handley 6  
 C QM-NV Quartzite Mountain  
 C RH-NV Rawhide Mountain  
 C SC-NV Sutcliffe  
 C ST-NV Stillwater  
 C SZ-NV Shadai  
 C TI-NV Tolicho Peak  
 C TP-NV Tippihah  
 C WI-NV Winnemucco  
 C WZ-NV Worm Springs  
 C YF-NV Yucca Flat NTS  
 C YF2NV Yucca Flat NTS  
 C YF3NV Yucca Flat NTS  
 C YF4NV Yucca Flat NTS  
 C YM-NV Yucca Mountain

New Hampshire, U.S.A.  
 C LB-NH Lebanon  
 C LS-NH Lisbon

New Mexico, U.S.A.  
 C GB-NM Gasbuggy  
 C GN-NM Gnome  
 C LC-NM Las Cruces  
 C ML-NM Mogollon  
 C RT-NM Raton  
 C TC-NM Truth or Consequences (T or C)  
 C TD-NM Tres Piedros

New York, U.S.A.  
 C DH-NY Delhi  
 C DP-NY Deposit

North Carolina, U.S.A.  
 C AE-NC Albemarle  
 C ER319 Early Rise 319

North Dakota, U.S.A.  
 C HH-ND Hannah  
 C HH2ND Hannah  
 C RY-ND Ryder  
 C TS-ND Trotters

Ohio, U.S.A.  
 C GZ-OH Galion

Oklahoma, U.S.A.  
 C AK-OK Atoka  
 C AL-OK Antlers  
 C AM-OK Ardmore  
 C AP-OK Apache  
 C CT-OK Clayton  
 C DU-OK Durant  
 C HB-OK Hobart  
 C TO-OK Tishomingo  
 C WA-OK Watson

Oregon, U.S.A.  
 C BT-OR Bates  
 C KR-OR Crane  
 C PK-OR Pilot Rock  
 C PN-OR Pine Creek  
 C PT-OR Pendleton

-- U.S.A. --

## LRSM Network--Continued

Oregon, U.S.A.--continued

C SA-OR Seneca  
C SR-OR Sparto  
C UK-OR Ukiah  
C VT-OR Venator

Pennsylvania, U.S.A.

C AS-PA Altoona  
C BB-PA Bloomsburg  
C BD-PA Bedford  
C BR-PA Berlin  
C BV-PA Belleville  
C ER300 Early Rise 300  
C ER301 Early Rise 301  
C ER302 Early Rise 302  
C ER303 Early Rise 303  
C GT-PA Goleton  
C HD-PA Howard  
C LT-PA Lewistown  
C MR-PA Middleburg  
C MS-PA Mantrose  
C PJ-PA Pottstown  
C SH-PA Shomakin  
C TU-PA Tunkhannock

South Dakota, U.S.A.

C AY-SD Academy  
C CO-SD Colame  
C DL-SD Dell Rapids  
C MC-SD Mitchell  
C RG-SD Redig  
C SX-SD Salem  
C SY-SD Stickney  
C WN-SD Winner

Tennessee, U.S.A.

C CA-TN Caryville  
C CP-SO Cumberland Plateau Observatory  
C CS-TN Crossville  
C CV-TN Centerville  
C JS-TN Jackson  
C LE-TN Lewisburg  
C LF-TN La Fallette  
C MM-TN McMinnville  
C MX-TN Manchester  
C PB-TN Parsons  
C WT-TN Wartburg

Texas, U.S.A.

C AZ-TX Amarillo  
C BM-TX Balmarheo  
C EF-TX Eagle Flat  
C EO2TX Elmo  
C EP-TX El Paso  
C FO-TX Fort Stockton  
C GA-TX Grand Saline  
C GA2TX Grand Saline  
C GA3TX Grand Saline  
C GL-TX Garland  
C GR1TX Grit  
C GR2TX Grit  
C GV-TX Grapevine  
C HE-TX Hempstead  
C JU-TX Juna  
C LP-TX La Pryor  
C PO-TX Post  
C SA2TX San Angelo  
C SA4TX San Angelo  
C SJ-TX San Jose  
C SK-TX Shamrock  
C SM-TX Seymour  
C SS-TX Sanderson  
C ST1TX Streeter  
C ST2TX Streeter  
C ST4TX Streeter  
C WP-TX Willis Point

Utah, U.S.A.

C BX-UT Blanding  
C FM-UT Fillmore  
C KN-UT Kanab  
C VN-UT Vernal  
C WW-UT Wah Wah Mountains

-- U.S.A. --

## LRSM Network--Continued

Virginia, U.S.A.

C BI-VA Big Stone Gap  
C CG-VA Cumberland Gap  
C CI-VA Clintwood  
C ER308 Early Rise 308  
C ER309 Early Rise 309  
C ER310 Early Rise 310  
C ER311 Early Rise 311  
C ER312 Early Rise 312  
C ER313 Early Rise 313  
C ER314 Early Rise 314  
C ER315 Early Rise 315  
C ER316 Early Rise 316  
C ER317 Early Rise 317  
C ER318 Early Rise 318  
C GD-VA Grundy  
C SU-VA Schuyler

Washington, U.S.A.

C BW-WA Blewett  
C CC-WA Cascade Tunnel  
C CE-WA Concrete  
C EL-WA Ellensburg  
C GC-WA Glacier Peak  
C KE-WA Kennewick  
C LW-WA Lake Wenatchee  
C LY-WA Lynden  
C MU-WA Mount Baker  
C PH-WA Pomeroy  
C TK-WA Tonasket  
C YA-WA Yakima

West Virginia, U.S.A.

C AB-WV Amboy  
C BL-WV Beckley  
C BZ-WV Buckhannon  
C CX-WV Croigsville  
C ER306 Early Rise 306  
C ER307 Early Rise 307  
C FN-WV Franklin  
C PE-WV Pineville  
C PX-WV Philippi  
C RN-WV Rainelle

Wisconsin, U.S.A.

C AO-WS Argonne  
C AR-WS Aurora  
C BA-WS Baldwin  
C CF-WS Colfax  
C CN-WS Cornell  
C MF-WS Medford  
C NG-WS Niagara  
C RL-WS Rib Lake  
C TM-WS Tomahawk

Wyoming, U.S.A.

C CY-WY Cheyenne  
C HK-WY Hawk Springs  
C PI-WY Pinedale  
C PI2WY Pinedale  
C PM-WY Pole Mountain  
C TL-WY Thermopolis

USGS, National Center for Earthquake Research, Menlo Park,  
California

Network code: MNLO

Alabama, U.S.A.

R DLC Deerlick Creek  
EMA Elm  
FLT Fleetwood  
R HLT Holt  
LCA Log Cabin  
R PEA Pea Ridge  
PTR Peterson  
RHA Reichold

California, U.S.A.

AARM Airport Road  
ABJM Bob Jauregui Ranch  
ABRM Brophy Road  
ADC Auburn Dam (Forest Hill Divide)  
ADR Anderson Reservoir  
ADWM Drytown Water District  
AFHM Forest Hill Site



-- U.S.A. --

## MNLO Network--Continued

California, U.S.A.--continued

	AFRM	Fiddymont Ranch
	AGC	Angel Island
	AGIM	Gold Rush Inn
R	AHDM	Hacienda Drive
	AHRM	Harold F. Ross
	ALAM	Latrobe
	ALNM	Lincoln
	AMC	Almoden
C	AN2*	Forsythe
	ANZ	Anzor Road
	AODM	Outingdale
	AOHM	Oregon House
	APRM	Poppy Hill Road
	ARJM	Robert W. Jensen
	ARN	Arnold Ranch
	ARRM	Rickey Ranch
	ARWM	Richard P. Wilkes
R	ASRM	Slough House Road
	AVRM	Valley Road Site
	BAVM	Antelope Valley
	BBGM	Big Mountain
	BBR	Beebe Ranch
	BCGM	Cienega Road
	BCHM	Black Canyon North
	BGC	Bolinger Road
	BGH	Beor Gulch
	BHSM	Hastings State Park
	BJOM	Mount Johnson
	BKC	Brookwood Reservoir
	BLRM	Lewis Ranch
	BMCM	McPhails Peak
	BMHM	Mount Harlon
	BMSM	Mersey Hot Springs
	BPCM	Pine Canyon
	BPFM	Pfeiffer Point
	BPLM	Pinnacles
	BPPM	Pinyon Peak
	BRMM	Rolling Bench Mark
	BSBM	Swanson's Bluff
	BSCM	Stone Canyon
	BSLM	Silva Ranch
	BSRM	Salinas Radio Site
	BTW	Bitterwater Creek
	BVL	Bear Valley
	BVYM	Vineyard
	CACM	Antioch
C	CB2	Calero Reservoir
C	CB7	Poverty Ridge
	CBC	Chamberlain
	CBHM	Coso Basin North
	CBO	Chesbro Reservoir
	CBSM	Byron Hot Springs
	CCYM	Coyote Hills
	CDC	Conado Road
	CDSM	Don Santos Ranch
	CDVM	Del Valle
	CFWM	Cactus Flat West
	CGSM	China Gardens South
	CMCM	Mills College
	CMLM	Mount Lewis
	CMMM	Mount Mocha
	CMNM	Mines Road
	CMPM	Mikes Peak
R	CNCM	Norris Canyon Road
	COE	Coe Ranch
	COSM	Mount Oso
	CPNM	Pleasanton Water Tower
	CPTM	Cactus Peak West
	CRAM	San Ramon
C	CRC	Castle Rock
	CRD	Covedale Road
	CRH	Carson Hill
	CRPM	Russellman Park
	CSAM	Sondia
	CSH	California State, Hayward
	CSR	Chase Ranch
	CSSM	Coso Springs South
	CTLM	Tesla Road
	CTM	Castle Mountain
	CVLM	Valicitos
	CVR	Colaveros Reservoir
	CYC	Craw Canyon Road
C	CYH	Coyote Hills
	DIL	Dillon Ranch
C	DIR	Diamond Ranch

-- U.S.A. --

## MNLO Network--Continued

California, U.S.A.--continued

R	DKNM	Devils Kitchen North
	DOO	Doolan Road
R	DTM	Dunmowntown East
	DUC	Duorte Ranch
C	EGR	Empire Grade Road
	EKH	Elkhorn Ranch
	EMT	Emmet
	EUC	Eureka Canyon
	FRP	Fremont Peak
	FTR	Fort Ross
C	GAFM	Point Arena AFB
	GAXM	Alexander Volley
	GBDM	Big Dorby
	GBGM	Boggs Mountain
	GBOM	Black Oak
	GCBM	Chamberlain Ridge
	GCM	Cobb Mountain
	GCRM	Castle Rock Ridge
	GCV	Cloverdale
	GCWM	Cow Mountain
	GDCM	Dry Creek
	GDXM	Geysers
	GFTM	Plant 15--Mercuryville
	GGLM	Glenview
	GGPM	Geyser Peak
	GHC	Gold Hill
	GHCM	House Creek
	GHGM	Hog Mountain
	GHLM	Highland Springs
	GHMM	Hull Mountain
	GHS	Gilroy Hot Springs
	GMCM	McLaughlin Ranch
	GMKM	Mount Konoctoi
	GMOM	Maffitt Ranch
	GPM	Pine Mountain
R	GRMM	Round Mountain
	GRNM	Rancho Navarro
	GRIM	Round Top Mountain
	GS	Seigler Mountain
	GSMM	Sacrotis Mine
	GSNM	Snow Mountain
	GVR	Green Valley Road
	GWKM	Walker Ridge
	GWRM	Wonder Ranch
	HBTM	San Juan Bautista
C	HCC	Holy Cross
	HCOM	Corn Cob Canyon
	HCPM	Crevison Peak
	HCZM	Cordova Dairy
	HFFM	Flint Hills
	HGWM	Gilroy West
	HJGM	San Juan Grade
	HJSM	John Smith Road
	HKRM	Kincaid Ranch
	HMR	Hamilton Ranch
	HSFM	Saint Francis Retreat
	HSLM	San Luis Dam
	HSPM	Sheep
	HVC	Hernandez Valley
	HWSM	Haiwee Spring South
	JBLM	Camp Ben Lomond
	JBMM	Black Mountain
	JBZM	Buzzard Lagoon Road
	JEGM	El Granada
	JHC	Johnson Canyon
	JHLM	Holstrom Ranch
	JHPM	Huddart Park
	JOL	Jolan Road
	JPRM	Presidio
	JRGM	Rodeo Gulch Road
	JRRM	Redwood Retreat
R	JRWM	Joshua Ridge West
	JSMM	Sowmill Road
	JSTM	Santa Teresa Hills
	JTGM	Trout Gulch Road
	JUCM	Univ. of California, Santa Cruz
	KBBM	Bear Butte
	KBNM	Bluenose
	KBRM	Barry Ridge
	KBSM	Bell Springs
	KCPM	Cahto Peak
	KCRM	Chalk Rock
	KCTM	Capetown
	KFPM	Forley Peak
	KGMM	Grouse Mountain

-- U.S.A. --

## MNLO Network--Continued

## California, U.S.A.--continued

KIPM Iron Peak  
 KKPM Kettenpom  
 KMPM Mount Pierce  
 KPPM Pickett Peak  
 KRKM Rackout Springs  
 KSPM Sherwood Peak  
 C LAS Mount Lassen  
 LBFM Black Fox  
 LCFM Crescent Cliffs  
 LCMM Colby Mountain  
 LGBM Groy Butte  
 LHKM Mount Harkness  
 LKC Lake Chabot  
 LMHM Mount Hoffman  
 LMPM Military Pass  
 LMZM Manzanita Lake  
 LOC Lincoln School  
 LPDM Pandosa  
 LRC Lone Oak Road  
 LRDM Redding Peak  
 LRV Little Rabbit Valley  
 LSLM South Lassen  
 LT15 Bear Creek Road  
 LT3 Portola State Park  
 C LT5 La Honda  
 C LT9 San Andreas Lake  
 LTCM Tuscan Springs  
 LTR Lane Tree Road  
 LTW Las Trancas Woods  
 LXR Lexington Reservoir  
 MAC Mark West Springs  
 MBFM Blanchard Fire Station  
 R MCSM Central Site  
 MCUM Copperopolis  
 C MDC Mount Diablo  
 MFS McCloud Flat South  
 MGA Milagra Ridge  
 MHR Mount Hamilton Road  
 MIX Mix Canyon Road  
 MMWM Mi Wuk Village  
 MNHM New Hagan Reservoir  
 MNR Mines Road  
 C MOB Menlo Park  
 MOP Monarch Peak  
 MOYM O'Byrne Ferry  
 MRFM Railroad Flat South  
 MSJ Mission San Jose  
 MSTM Stent  
 C MTB Montebella Ridge  
 MTC Morgan Territory  
 MTR Monterey  
 NBPM Berryessa Peak  
 NCFM Confield Road  
 NDHM Dunnigon Hills  
 NFIM Forallon Islands  
 NHBM Healdsburg  
 NLHM Lake Herman  
 NMC Nine Mile Canyon  
 NMHM Mount Saint Helena  
 NMTM Middletown  
 NOLM Olema  
 NPRM Point Reyes  
 NSHM Saint Helena Road  
 NTB M Tomales Bay  
 NTMM Taylor Mountain  
 NTPM Mount Tamalpais  
 NWRM Wright Ranch  
 OBHM Bloomer Hill  
 OCHM Cohasset Ridge  
 OCR O'Connell Ranch  
 OGOM Van Goodin Ranch  
 OHCM Hancut  
 C OLC Olema  
 ORAM Rattlesnake Point  
 OSTM Stimpson Lane  
 OSUM Sutter Buttes  
 OTBM Table Mountain  
 OWYM Wyandotte  
 PADM Adeladia  
 PAGM Antelope Grade  
 PANM San Antonio Reservoir  
 PAPM Alder Peak  
 PARM Anticline Ridge  
 PBRM Bassetti Ranch  
 PBYM Bryson

-- U.S.A. --

## MNLO Network--Continued

## California, U.S.A.--continued

PCGM Cerro Alto Campground  
 PCL Pacheco Lake  
 PCRM Curry Mountain  
 R PDRM Domengine Ranch  
 PEV Pleasant Valley  
 R PGWM Grace West  
 PHAM Harlan Ranch  
 R PHBM Huron Fishing Bridge  
 PHCM Hearst Castle  
 PHGM Hag Canyon  
 PIVM Indian Valley  
 PJLM Jalon Road  
 PKC Peckham Road  
 R PKEM Kettleman Hills  
 PKF Parkfield Array  
 PKH Park Hill  
 PLC Palomares Road  
 PMCM McMillan Canyon  
 PMGM Santa Margarita  
 PMRM Maxey Ranch  
 C PNC Pine Canyon  
 PPRM Paso Robles  
 PRCM Roach Canyon  
 PSAM San Ardo  
 PSD Pescadero  
 PSEM See Canyon  
 PSHM Shandon  
 PSMM Smith Mountain  
 PSRM Scobie Ranch  
 PSTM Stockdale Mountain  
 PTRM Twissleman Ranch  
 PTV Peach Tree Valley  
 R PWMM Westland Maintenance Station  
 QSR Quien Sabe Ranch  
 RCWM Renegade Canyon West  
 RVCM Rose Valley Central  
 SAC San Andreas Lake  
 SBT San Benito  
 SCCM Colson Canyon  
 SEC Stevens Creek  
 SFL San Felipe  
 C SFR San Francisco--Rincon  
 SFT Stanford Telescope  
 R SGC Saratoga Country Club  
 C SHC Mount Saint Helena  
 SHG Shirttail Gulch  
 SJH Saint Joseph Seminary  
 SKG Skaggs Springs  
 R SMWM Sugarloaf Mountain West  
 SNT Sears Point  
 SOS Soda Springs  
 C SRC Salinas Radio Site  
 C STC Stone Canyon Observatory  
 SVC Silver Creek  
 TRC Taylor Ranch  
 C TWN Twin Peaks  
 VPEN Volcano Peak East  
 WASM Alta Sierra Campground  
 WBMM Breckenridge Mountain  
 WBSM Bird Springs  
 WCHM Chimney Peak  
 WCOM Cook Peak  
 WCXM China Lake Receiver Site  
 WDS Woodside  
 WHFM Hanning Flat  
 WHVM Havilah  
 WJPM Jahns Peak  
 WKR Work Ranch  
 WKTM Kern Tulare  
 R WLHM Little Horse  
 WLPM Leibel Peak  
 WNMM Nine Mile Canyon  
 WOFM Oak Flat  
 WORM Onyx Ranch  
 WSCM Short Canyon  
 R WSHM Spongler Hills  
 WWPM Walker Pass  
 GCR Montana, U.S.A.  
 SGM Groyling Creek  
 YPDC Silver Gate  
 R YPWB Denny Creek  
 YWY West Yellowstone  
 West Yellowstone

-- U.S.A. --

## MNLO Network--Continued

Nevada, U.S.A.  
 C NYC Charley  
 C NYJ Joshua Tree  
 C NYM Climax Mine  
 C NYR Receiver Site  
 C NYS Syncline Ridge  
 C NYV Vern

Oregon, U.S.A.  
 VBEM Beaver Butte  
 VBPM Bald Peter  
 VCLM Crater Lake  
 VCMM Chase Mountain  
 VFBM Frederick Butte  
 VGMM Grass Mountain  
 VGPM Green Peter  
 VGTM Goat Mountain  
 VHBM Hamelton Butte  
 VHEM Hood Meadows East  
 VHHM High Heaven  
 VHOM Mount Hebo  
 VHYM Horsefly Mountain  
 VIPM Ingram Point  
 VJYM Jersey  
 VLMM Larch Mountain  
 VMHM Mount Hagen  
 VMNM Maupin  
 VPIM Pine Mountain  
 VPMM Saint Patrick Mountain  
 VRBM Round Butte Dam  
 VSBM Spring Butte  
 VSCM Scott Mountain  
 VSMM Salem  
 VTCM Trout Creek Butte  
 VTDM The Dalles  
 VTHM Trough  
 VWBM Wanaga Butte  
 VWMM Walker Mountain

Texas, U.S.A.  
 C CEC Childress  
 C CNE Childress  
 C CNO Childress  
 C CNW Childress  
 C CSE Childress  
 C CSW Childress  
 C CWT Childress

Washington, U.S.A.  
 C CNL Connel  
 C HSW Hot Spot  
 C LSW Landslide  
 C VGB Gordon Butte

Wyoming, U.S.A.  
 C CJW Canyon Junction  
 C MHS Mammoth Hot Springs  
 C MJW Madison Junction  
 MVW Mud Volcano  
 NJW Norris Junction  
 WTW West Thumb  
 YMC Maple Creek  
 YNB Natural Bridge  
 R YPBR Bridge Bay  
 R YPGV Grant Village  
 R YPHS Hot Springs Basin  
 R YPLB Lake Butte  
 YPOF Old Faithful  
 R YPPC Pelican Cane  
 R YPSB Soda Butte  
 YTC Trail Creek

University of Minnesota, Minneapolis  
 Network code: MNM

Minnesota, U.S.A.  
 BEM Bemidji  
 CM1 Central Minnesota Array  
 CM2 Central Minnesota Array  
 CM3 Central Minnesota Array  
 CM4 Central Minnesota Array  
 R CM5 Central Minnesota Array  
 CM6 Central Minnesota Array  
 C DUL Duluth  
 C MFM Minneapolis--St. Paul Ford Plant

-- U.S.A. --

## MNM Network--Continued

Minnesota, U.S.A.--continued  
 C MNM Minneapolis  
 C MNN Minneapolis  
 U MRM Morris

University of Montana, Missoula  
 Network code: MSO

Idaho, U.S.A.  
 C BHI Bertha Hill  
 C DEI Dent  
 C ERI Eureka Ridge  
 C GHI Gilbert Hill  
 C HHI Harmony Heights  
 C LGM Little Green Mountain  
 C MAS Masan Butte  
 C WBI Whiskey Butte

Montana, U.S.A.  
 C BBM Big Bend  
 C BCB Big Creek Baldy  
 C BLK Black Butte  
 C CFM Cliffsides  
 C CKM Coopers Lake  
 C GBM Granite Butte  
 C HLM Helmville  
 C LBM Little Butte  
 C LFM Lubrecht Forest  
 C LHM Lake Helena  
 MSO Missoula  
 C PNK Pinkham Creek  
 C SWP Swamp Creek  
 C TEE Teepees Ranch  
 C WCM Warland Creek  
 C WHM Wild Horse Parks  
 YCM YMCA Camp

Delaware Geological Survey, Newark  
 Network code: NED

Delaware, U.S.A.  
 BBD Blackbird State Forest  
 BVD Bellevue State Park  
 BWD Brandywine Creek State Park  
 GTD Georgetown  
 NED Newark

USGS, Nat. Earthquake Info. Service, Golden (formerly NEIC  
 and USCGS)  
 Network code: NEIS

Greater Antarctica, Antarctica  
 SPA South Pole  
 Lesser Antarctica, Antarctica  
 C BYR Byrd  
 Belau  
 C KOR Karar  
 Caroline Islands  
 C TRU Truk  
 Guam, Mariana Islands  
 GUA Guam (Santa Rosa)  
 GUMO Guam  
 PJG Patts Junction  
 Puerto Rico  
 SJG San Juan  
 C SJP San Juan  
 C VOS Vieques

Alaska, U.S.A.  
 CMO College--Fairbanks  
 COL College Outpost

Arizona, U.S.A.  
 C BDA Boulder Dam  
 GCA Glen Canyon  
 C PFA Pierce Ferry  
 TUC Tucson  
 TUO Tucson Observatory

-- U.S.A. --

## NEIS Network--Continued

C TUT Arizona, U.S.A.--continued  
Tucson--Telemeter

UKI California, U.S.A.  
Ukiah

C CGC Colorado, U.S.A.  
Craig

C DGC Durango

C EGC Eagle

GLD Golden

C MRC Montrose

PV01 Paradox Valley (The Burn)

PV02 Paradox Valley (Monogram Mesa)

PV03 Paradox Valley (Wild Steer)

PV04 Paradox Valley (Carpenter Flat)

PV05 Paradox Valley (Three Step)

PV06 Paradox Valley (Coal Canyon)

PV07 Paradox Valley (Lang Mesa)

PV08 Paradox Valley (Montpelier)

PV10 Paradox Valley (South La Sal)

C RBC Rio Blanco

RW1 Ridgway

RW2 Ridgway

RW3 Ridgway

RW4 Ridgway

RW5 Ridgway

RW6 Ridgway

C TDC Trinidad

C NRL District of Columbia, U.S.A.  
Naval Research Laboratory

C WAS Washington

C NTI Idaho, U.S.A.  
Nordman

C CLH Maryland, U.S.A.  
Cheltenham

C NHB National Naval Medical Center

C NLM Naval Ordnance Lab

C VIL Villa Mercy

C WSC Washington Science Center

C HHM Montana, U.S.A.  
Hungry Horse

EUR Nevada, U.S.A.  
Eureka

ABO New Mexico, U.S.A.  
Albuquerque

R ALBO Albuquerque

ALO Albuquerque

ANMO Albuquerque

C CCN Cachucha Ranch

CDN Cerro del Durazano

C CNM Chama

COH Cachiti

C DNM Dulce

EST Estancia

GNM Golden

LAD Ladrón Mountain

LPM Los Pinos Mountain

MLM Mesa Lucero

SVM Silver City

WMA West Mesa

C BMO Oregon, U.S.A.  
Blue Mountains Array

C CPO Tennessee, U.S.A.  
Cumberland Plateau

PV09 Utah, U.S.A.  
Paradox Valley (North La Sal)

RMU Rainbow Monument

CBN Virginia, U.S.A.  
Corbin

C GCW Washington, U.S.A.  
Grand Coulee

NEW Newport

-- U.S.A. --

## Lomont-Doherty Geophysical Observatory, Palisades, New York

Network code: PAL

R SWIP Anguillo  
Sombrero

BWI Barbuda, Antigua and Barbuda  
Barbuda (Highland Field)

C ABC Chad  
Abeche

NAS Fiji  
Nosonggo

NHF Nausori Highlands

MRN Netherlands Antilles  
Sint Maarten

R SBN Saba

AMP Pakistan  
Ambor

BGP Bagro

CBP Campbellpur

R CKP Chonarkot

DBP Darband

R KIA Kiara Terrace

NTP Nathion

R OIB Qiblo Bondi

R RBH Right Bank House--Pihur

SIP Shinkiori

R SWR Swabi-Maira

R TRB Tarbela

R CGV Puerto Rico  
Camp Garcia

CSJ Cape San Juan

CUP Culebro

MTP Monte Pirotto

C PWP Barrio Florida

RRD Roosevelt Roads

R STKP Saint Christopher, Saint Christopher-Nevis  
St. Kitts

C NIU Tonga  
Niumote

TEK Teekin

C FBK Alaska, U.S.A.  
Fairbanks

C OBS California, U.S.A.  
Ocean Bottom Seismometer

C CNJ New Jersey, U.S.A.  
Cottish Pond

GMTN Garret Mountain

GPD Greenpond

LVNJ Long Valley

C OGD Ogdensburg

PQN Pahaquarry

PRIN Princeton

C PVN Peters Valley

RAMA Ramapo Mountain

C TABN Tabernacle

C ADN New York, U.S.A.  
Adams

C ALF Alfred

ALX Alexander Bay

AMNH Manhattan

C APH Airport Hangar

C ATT Attica

BGR Bangor

BING Binghamton

C BML Blue Mountain Lake

C CANY Canisus

C CLIN Clinton

C CLY Crystal Lake

CRNY Cross River

CROG Croghon

CSRY Cold Spring River

CTR Castle Rock

C DANY Dannemora

DHN Doyle Hill

C DNY Dersam

-- U.S.A. --

## PAL Network--Continued

New York, U.S.A.--continued

C DSN Dusing  
 C EGN Eagle's Nest  
 C ELM Elmo  
 C GFN Grafton  
 GNF Goodnow Flow  
 C HMB Homburg  
 C HNY Hamilton  
 MEDY Medina  
 MSNY Mosseno  
 C OAK Oakfield  
 C OCN Over Castle Rock  
 PAL Palisades  
 PNY Plattsburgh  
 PTN Potsdam  
 SANY Sanborn  
 R SFN Sterling Forest  
 C SFO Sterling Forest  
 SKLY Ski Hill Lift  
 C SKN Skaneateles  
 TBR Table Rock  
 C TUS Tuscarora  
 C UWL Utowana Lake  
 C WLI Wellesley Island  
 WND Windham  
 WNY Wilmington  
 WPNY West Park  
 C WPR Ward Pound Ridge  
 WVLY West Valley

Pennsylvania, U.S.A.

C HKP Hidden Lake  
 C SSL Sunset Lake  
 C WAY Waynesburg

Vermont, U.S.A.

C COV Colchester  
 FLET Fletcher  
 HBVT Hinesburg  
 C MARL Marlboro  
 MDV Middlebury  
 C MGVT Montgomery  
 C MPVT Montpelier

Virgin Islands

ABV Anegado  
 CGPV Cottagorden Point  
 R GPV Virgin Gordo Peak  
 SCV Saint Croix  
 SJV Saint John  
 VST Saint Thomas

Zaire

C ELI Lubumbashi (Elizabethville)

California Institute of Technology, Pasadena  
 Network code: PAS

Bajo California, Mexico

LAX Bahia de Los Angeles  
 R RHM Rio Hardy  
 RSJ Rancho San Jose  
 SFP San Felipe

Bajo California Sur, Mexico

LAP La Paz

Sinaloa, Mexico

R TPB Topolabampo

Sonora, Mexico

CBS Caborca  
 EGM El Galfo de Santa Clara  
 GYM Guaymas

Arizona, U.S.A.

C BPK Black Peak  
 R FTM Fortuna Mine  
 R LGA Laguna Mountains  
 R SLU San Luis  
 R YMD Yuma Desert

California, U.S.A.

ABL Mount Abel  
 ADL Adelanto

-- U.S.A. --

## PAS Network--Continued

California, U.S.A.--continued

AIC Anacapa Island  
 AMS Amos  
 R ARVC Arvin  
 BAR Borrett  
 R BABC Bot Cove Butte  
 C BBC Big Bear  
 BC2 Big Chuckwollo Mountains No. 2  
 BCC Colson Canyon  
 BCD Cositos Dam  
 R BCH Branch Mountain  
 C BCL Cositos Lake  
 BLG Loguno Peak  
 R BLKC Black Mountain  
 BLP Lampoc  
 BLU Blue Ridge  
 C BMM Big Maria Mountains  
 BMTC Bear Mountain  
 BON Bonds Corner  
 R BODC South Base Booster  
 R BRGC Borrego Mountain  
 R BRTC Bertell Ranch  
 BSC Santa Cruz Island  
 R BSCP Brocks Form  
 BSM San Miguel Island  
 BSN San Nicolas Island  
 R BTL Butler Peak  
 R CAHC Cahuillo Valley  
 R CALC California City  
 R CAMC Comarillo Hills  
 R CAVC Cave Mountain  
 R CBKC Conebroke  
 R CFL Chiloo Flats  
 R CFT Crafton Hills  
 CH2 Chocolate Mountain  
 C CHP Chuchupate  
 CIS Catalina Island  
 R CJV Coso Juvon  
 R CKC Cook Canyon  
 CLC Chino Lake  
 R CLIC Calipatria  
 CMH Chemehuevi Mountains  
 R CO2 Coxcomb Mountains No. 2  
 COA Coochello  
 COK Cook Ranch  
 COQ Corona Quarry  
 R COT Chocolate Mountains  
 COY Coyote Mountain  
 CPE Camp Elliot  
 R CPM Copper Mountain  
 CPT Camp Pendleton  
 CRGC Crocker Grade  
 CRR Corizzo Plain  
 CTW Cottonwood Mountains  
 CWC Cottonwood Creek  
 R DB2 Double Butte  
 R DBM Double Mountain  
 C DHS Desert Hot Springs  
 C DLT Dalton  
 R DTP Desert Tortoise Park  
 C DVL Devil Canyon  
 R EAG Eagle Mountain  
 C ECA El Cajon  
 C ECC El Centro  
 ECF Echo Falls  
 R ELMC El Mirage  
 R ELRC Elmore Ranch  
 R ELS Elsinore Mountain  
 R EMSC East Mesa  
 R ERPC Ernie's Place  
 R EWC East Wide Canyon  
 R FAL Falling Springs  
 R FIL Fillmore  
 FLSC Flash Two Peak  
 R FOX Fox Airport  
 R FRGC Fargo Canyon  
 R FRK Frink  
 FTC Fort Tejon  
 R GALC Galileo  
 GAV Glen Avon  
 GLA Glamis  
 R GRP Granite Pass  
 GSC Goldstone  
 C HAI Haiwee  
 C HAV Hovilah  
 HAY Hayfield

-- U.S.A. --

## PAS Network--Continued

California, U.S.A.--continued

HDG Hidalgo Mountain  
R HOD Hodge  
HOT Hat Springs Mountain  
R HYS Haystack Butte  
IKP Inkopah  
R INDC India Hills  
ING Ingram Ranch  
INS Inspiration  
IRC Iron Canyon  
R IRN Iron Mountains  
R IRS Iris  
ISA Isabella  
JFS Joseph F. Staten  
JNH Juniper Hills  
R JTR Joshua Tree Park  
JULC Julian  
C KBY Kabayashi Ranch  
KEE Keen Camp Maintenance Station  
C KNO Knox Ranch  
C KRC King Ranch  
R KYP Key Paint  
R LANC Lancaster  
R LAOC La Quinta  
R LAVC Lavic  
LED Lead Mountain  
R LEOC Leona Valley  
C LGC Lakewood Golf Course  
LHU Lake Hughes  
LJB Lovejoy Buttes  
C LJC La Jolla  
R LLAC Llana  
R LOK Lackwood Valley  
LPC La Cumbre Peak  
R LRMC Laurel Mountain  
LRRC Littlerack Reservoir  
R LTC Little Chuckwalla Mountains  
LTM Little Maria Mountains  
R MARC Maricapa  
R MDA Mount Davis  
R MECC Mecca Hills  
R MIRC Martinez Indian Reservation  
R MLL Mill Creek  
MRVC Marango Valley  
MWC Mount Wilson  
NW2 New River  
OBB Obsidian Butte  
R OLYC Mount Olympus  
R ORCC Oricopia Mountain  
PAS Pasadena  
PCF Pomona  
PEM Pine Mountain  
R PIC Picacha Peak  
C PIU Piute Mountains  
PKM Peak Mountain  
R PLEC Pleito Hills  
PLM Palamar  
PLT Pilot Knob  
PNMC Pinto Mountains  
R POB Polly Butte  
C PRR Perris  
R PSP Palm Springs  
R PT2 Paint Dume  
C PVR Palas Verdes  
R QAL Quail Lake  
R RAY Raywood Flat  
RCH Reche Mountain  
RDM Round Mountain  
RMR Rimrack  
ROD Rodman Mountain  
R RSE Rose Pump  
RUN Ruthven  
RVM Ria Vista Mine  
RVR Riverside  
RVS Riverside Mountains  
RYS Reyes Peak  
R SAD Saddle Peak  
SBB Saddle Back Butte  
SBC Santa Barbara  
R SBKC Saddleback Mountain  
SCI San Clemente Island  
R SCY Stone Canyon Reservoir  
R SDLC Saltdale  
SDW Sidewinder Mine  
SGL Mount Signal  
R SHH Sheep Hole Mountains

-- U.S.A. --

## PAS Network--Continued

California, U.S.A.--continued

SI2 Simi Peak  
SIL Silver Peak  
C SJO San Joaquin Reservoir  
R SLTC Salton Sea Test Base  
R SME Santa Rosa Mine  
R SMO Santa Rosa Mountain  
C SNC San Nicolas Island  
R SNDC Sand Canyon  
SNR Schaffner Ranch  
SNS San Onofre  
C SPH San Pedro Hill  
SPM Ship Mountains  
R SRTC Snort  
SS2 San Sevaime  
R SSK Sunset Peak  
C STP Stepladder Mountains  
R STTC Scott Ranch  
SUP Superstition Mountain  
SWM Sawmill  
SYP Santa Ynez Peak  
R SYS San Ysidro  
C TCC Turnbull Canyon  
R TEJ El Tejan  
R THC Tehachapi Microwave  
R THR Three Sisters  
TIN Tinemaha  
R TJR Tejan Ranch  
TMB Temblor Range Southeast  
R TOW Tower One  
TPC Twentynine Palms  
R TPO Tropico Hills  
TTM Turtle Mountains  
TWL Twin Lakes  
VG2 Vista Grande  
VPD Villa Park Dam  
VSTC Vista  
C WDY Woody  
WH2 Whipple Mountains No 2  
R WIS Wister  
WLK Wiest Lake  
R WML Westmarland  
C WRC Williams Ranch  
R WSP Warm Springs  
WWR Whitewater  
R XMS Christmas Canyon  
R YAO Yaqui Meadows  
YEG Yeguas Mountain  
R YUH Yuha Desert

Nevada, U.S.A.  
C RUT Ruth

NOAA, Alaska Tsunami Warning Center, Palmer  
Network code: PMR

## Alaska, U.S.A.

ADK Adak  
ANM Name--Anvil Mountain  
BLR Black Rapids  
BRW Barrow  
C CSA Cape Sarichef  
FBA Fairbanks  
C GIL Gilmore Creek  
C GMA Granite Mountain  
IMA Indian Mountain  
KDC Kodiak  
MID Middleton Island  
C NIK Nikalski  
C NKL Nikalski  
C PMA Port Moller  
PME Palmer East  
PMR Palmer  
PMS Palmer South (Arctic Valley)  
PWA Palmer West (Houston)  
SDN Sand Point  
SIT Sitka  
SMY Shemya  
SVW Sparrevahn  
TOA Tolsona  
TTA Tatalina  
YKU Yakutat

-- U.S.A. --

University of Nevada, Reno  
Network code: REN

Colifornia, U.S.A.

U AVC Adobe Valley  
R BMRR Black Mountain  
U BODR Bodie  
CLKR Crowley Lake  
C HBM Hobart Mills  
HBT Hobart Mills  
IND Independence  
KBF Kyburz Flat  
R LITR Litchfield  
LMCR Lookout Mountain  
U MCRR Mono Craters  
MONR Mono Valley  
MPK Martis Peak  
ORC Owens River  
U PZC Pizosa Creek  
TNK Tinkers Knab  
VPK Verdi Peak

Nevada, U.S.A.

U ANCR Anchorite  
R APNR Astar Pass  
BFC Buffalo Canyon  
C BGN Big Creek  
BIS Bismark Peak  
BMN Battle Mountain  
BONR Boundary Peak  
R BOX Box Canyon  
R BYX Boyer Ranch  
U CANR Candelaria  
C CMN Crown Mine  
CND Currant  
U COLR Columbus  
U COTR Cottonwood  
DIXR Dixie Hot Springs  
R DSM Dog Skin Mountain  
C EKO Elko  
U ESTR Eastside  
U EXC Excelsior  
FERR Ferguson  
C FPN Fairview Peak  
U GBT Gilbert  
U GLLR Gillis  
GNO Genoa  
GRX Graver  
HCK Huntan Valley  
R HLX Hole  
U HVL Huntan Valley  
HYX Hoyt Mine  
KVN Kaiserville  
U LBP Lucky Bay Pass  
C LDV Leadville  
LHV Little Huntan Valley  
C LVK Lovelack  
MNA Mina  
NRR North Reno  
R PARR Paradise  
C PNR Penrod  
U QNR Quinn River  
C ORV Quinn River Valley  
C REN Reno  
RYN Ryan  
U SIMR Simon  
R SOX Sue Hot Springs  
C STM Slate Mountain  
U SWN Stillwater  
TNP Tanapah  
C UVN Unionville  
VIP Virginia Peak  
R WAD Wadsworth  
WCN Washae City  
U WLDR Wildhorse  
C WMN Winnemucca  
R WSH Washington Hill  
R WTCR Whites Canyon

Sandia Laboratories, Albuquerque, New Mexico  
Network code: SAND

Northwest Territories, Canada  
RSNT Yellowknife

-- U.S.A. --

## SAND Network--Continued

Ontario, Canada  
RSON Red Lake

California, U.S.A.  
C DAC Darwin

Nevada, U.S.A.  
C ELY Ely  
C NEL Nelson  
TPH Tonapah

New York, U.S.A.  
RSNY Adirondack

South Dakota, U.S.A.  
RSSD Black Hills

Tennessee, U.S.A.  
RSCP Cumberland Plateau

Utah, U.S.A.  
LEE Leeds

Pennsylvania State University, State College  
Network code: SCP

Pennsylvania, U.S.A.

R ABG Abington  
R BVR Beaver  
R ERP Erie  
SCP State College

University of Washington, Seattle  
Network code: SEA

Oregon, U.S.A.  
HRO Hermiston  
MFW Milton-Freewater  
PNO Pendleton

Washington, U.S.A.

BDG Badger Mountain  
BFW Bow Faw Mountain  
BLN Blyn Mountain  
CBW Chelan Butte  
C CLW Colville  
R CMW Cultus Mountain  
CPW Capital Peak  
CRF Corfu  
DHW Dyer Hill  
DVW Davenport  
EPW Ephrata  
ETP Eltopia  
EUW Eureka  
FMW Mount Fremont  
FPW Fields Point  
FTW Fairmont  
GBL Gable Mountain  
GHW Garrison Hill  
GMW Gold Mountain  
GSM Grass Mountain  
HTW Haystack Lookout  
JCW Jim Creek  
LMW Ladd Mountain  
LON Langmire  
LYW Lyman  
MBW Mount Baker  
MCW Mount Constitution  
MDW Midway  
ODS Odessa  
OHW Oak Harbor  
OMW Omak  
OTH Othello  
PRW Prosser  
RMW Rattlesnake Mountain  
RSW Rattlesnake Hills  
SAW Saint Andrews  
C SCW Sherman Crater--Mount Baker  
C SEA Seattle  
SHW Mount Saint Helens  
SMW South Mountain  
SPW Seward Park  
STW Striped Peak  
SYR Smyrna

-- U.S.A. --

-- U.S.A. --

## SEA Network--Continued

## SLC Network--Continued

## Washington, U.S.A.--continued

TUM Tumwater  
 VTG Vantage  
 WAH Wahluke  
 WBW Wilson Butte  
 WGW Wallila Gap  
 WIW Wooded Island  
 WNW Wenatchee  
 WRD Worden

University of Utah, Salt Lake City  
 Network code: SLC

## Idaho, U.S.A.

BEI Bear River Range  
 GRCI Grant Creek  
 JECI Jensen Cabin  
 MCPI Mackay Peak  
 MLI Malad Range  
 NPI North Pacatello Valley  
 PTI Pacatello Creek  
 C STI Star Valley  
 SURI Summit Reservoir  
 WICI Willow Creek

## Utah, U.S.A.

C AAU Alta  
 AIUT Southern Antelope Island  
 ANU Antelope Island  
 ARUT Antelope Range  
 BDU Big Dutch Hollow  
 BKU Beaver Lake Mountains  
 BMUT Black Mountain  
 C BPU Bountiful Peak  
 CCU Cedar City  
 CFU Cave Fort  
 CMU Cedar Mountain  
 CPU Coon Peak  
 CWU Camp Williams  
 DAU Daniels Canyon  
 DCU Deer Creek Reservoir  
 DUG Dugway  
 DWU Dry Willow Peak  
 EPU East Promontory  
 C ETU East Traverse Mountains  
 FDU Ford Ridge  
 C FGU Flaming Gorge  
 FLU Faal Peak  
 FPU Francis Peak  
 FSU Fish Springs  
 GMU Granite Mountain  
 C GSUT Gun Site Peak  
 GZU Grizzly Peak  
 HDU Hyde Park  
 HTU Hayt Peak  
 HVU Hansel Valley  
 JLU Jardanelle  
 KDUT Kidman Hollow  
 C LBUT Lower Browns Hale  
 C LMU Lake Mountain  
 C LOG Logan  
 LSUT Lucky Star  
 LTU Little Mountain  
 Lvu Levan Peak  
 MCU Monte Cristo Peak  
 R MLU Millard  
 MMU Miners Mountain  
 MNU Millard North  
 MOUT Mount Ogden  
 MSU Marysville  
 NLU North Lily  
 NSU North Stansbury  
 C OGU Ogden Bay  
 C PBU Perry Basin  
 PCU Price  
 C PPU Promontory Point  
 PTU Portage  
 C PUU Piute Reservoir  
 RBU Red Butte Canyon  
 RHU Roosevelt Hot Springs  
 RSUT Red Spur Mountain  
 C RVUT Riverside  
 C SAU Saltair  
 C SBU Stansbury Island  
 SGU Sterling

## Utah, U.S.A.--continued

SLC Salt Lake City  
 SNU Stansbury North  
 C SOU Squaw Peak  
 SUU Santaquin Canyon  
 C UBO Uinta Basin Array  
 WCU Willow Creek  
 C WHU Wild Horse  
 C WMU West Mountain  
 WMUT West Mountain  
 WVUT Wellsville

University of Utah Research Institute, Salt Lake City  
 Network code: SLCI

## Idaho, U.S.A.

R JSM Jim Sage Mountain  
 R NWR Narrow River  
 R RMI Round Mountain

## Utah, U.S.A.

R BAP Bailey Peak  
 BVK Beaver Lake  
 CVE Cedar Cove  
 LWA Lower Mag Wash  
 MWA Mag Wash  
 OPL Opal Mound  
 PCY Pole Canyon  
 WLD Wild Horse Canyon

St. Louis University, St. Louis, Missouri  
 Network code: SLM

Svalbard, Norway  
 E01 Edge Oyo

## Arkansas, U.S.A.

R HCI Hotchie Coon Island  
 C LRA Little Rock  
 PGA Paragould  
 POW Powhatan

## Illinois, U.S.A.

BPIL Belle Prairie  
 CIRL Cave-in Rock  
 CSIL Creal Springs  
 ELC Elco  
 GOIL Rosebud  
 NHIL New Haven  
 SMV Samsville  
 WSIL West Salem

## Indiana, U.S.A.

SPIN Swan Pond Ditch  
 WDIN Wadesville

## Kentucky, U.S.A.

CRU Crutchfield  
 WCK Wilson Creek

## Missouri, U.S.A.

C BRM Bernie  
 C BRR Berryman  
 CGM Cape Girardeau  
 DMV Demmitville  
 DON Dangala  
 DWM Dagwood  
 ECD Elk Chute Ditch  
 C FLO Florissant  
 C FRM Flat River  
 FVM French Village  
 C GRV Greenville (Lake Wappapelo)  
 LST Lone Star  
 C MLD Malden  
 R MMM Pea Ridge Mine  
 C NMM New Madrid  
 NRMS Noranda  
 C PTG Portageville  
 RMB Rombauer  
 SLM Saint Louis  
 TYS Tyson Valley



-- U.S.A. --

## SLM Network--Continued

Tennessee, U.S.A.  
 C DY1 Dyersburg  
 C DY2 Lassiter  
 C DY3 Tiptonville  
 C DY4 Samburg  
 C DY5 Lassiter Corners  
 C GRT Grotto  
 C HHT Hurricane Hollow  
 C LTN Lennox  
 C NKT Nonkipoo  
 C OKG Oak Grove  
 C ZZT Zu Zu

New Mexico Tech, Socorro, New Mexico  
 Network code: SNM

New Mexico, U.S.A.  
 C BBN Black Butte  
 CLN Carlsbad  
 CLN2 Carlsbad  
 CLN4 Carlsbad  
 CLN7 Carlsbad  
 SNM Socorro  
 C SRF Snake Ranch Flats  
 C SRM Socorro--La Joya

Tennessee Earthquake Information Center, Memphis  
 Network code: TEIC

Alabama, U.S.A.  
 PWLA Pickwick Lake  
 Arkansas, U.S.A.  
 CRID Crittenden County--Downhole  
 CRIS Crittenden County--Surface  
 HOGG Hoggard's Bluff  
 LGAR La Grange  
 OLY Olyphant  
 STAR Star City  
 WLA Wittsburg Lake

Georgia, U.S.A.  
 BBC Brasstown Bald  
 RCG Rock City

Kentucky, U.S.A.  
 BETH Bethel

Mississippi, U.S.A.  
 PGM Pleasont Grove

North Carolina, U.S.A.  
 AVNC Asheville  
 BENN Benn Knob  
 BRBC Blue Ridge Broadcasting Company  
 GFM Grandfather Mountain  
 PKNC Pores Knob  
 RBNC Richland Balsam  
 RICH Rich Mountain  
 TRYN Tryon Peak

Tennessee, U.S.A.  
 C BHT Blowhole  
 CGTN Cumberland Gap  
 EBZ Ebenezer Church  
 ETT Etowah  
 GBTN Greenback  
 GLT Gallatin  
 MET Memphis  
 C MPH Memphis  
 C SFTN Shelby Forest  
 SMTN Short Mountain  
 TKL Tuckaleechee Caverns

Virginia, U.S.A.  
 CCVA Cudjo Caverns  
 PLVA Point Lookout

Oklahoma Geological Survey, Leonard  
 Network code: TUL

-- U.S.A. --

## TUL Network--Continued

Oklahoma, U.S.A.  
 ACO Alabaster Cavern State Park  
 BHO Bethel  
 C CDO Cedar Creek  
 C CRO Cornsaw Mountain Lookout Tower  
 C GBO Fort Gibson  
 R JCE1 John's Creek  
 MEO Meers  
 C MFO Meers Fault  
 C MRO Meridian  
 C MZO Mozie Landing  
 C NMO Narmon  
 C OCO Oklahoma City  
 C OLO Oologah  
 PCO Ponca City  
 C QMO Quartz Mountain State Park  
 QZO Quartz Mountain State Park  
 RLO Rose Lookout Tower  
 RRO Red Rock Canyon  
 R SCE1 Shell Creek  
 SIO Slick  
 TUL Tulsa (Oklahoma Geophysical Observatory)  
 VVO Vivion  
 WLO Wilson

Tennessee Valley Authority, Knoxville  
 Network code: TVA

Alabama, U.S.A.  
 LCAL Lambert Chapel  
 MSAL Monte Sano

Kentucky, U.S.A.  
 BGKY Bowling Green  
 SSKY Summer Shade

Tennessee, U.S.A.  
 ABTN Auburntown  
 ANTN Anderson  
 CHTN Church Hills  
 C COTN Columbia  
 CPOT Cumberland Plateau  
 CRIN Comb Ridge  
 HPKT Knoxville  
 LMTN Little Mountain  
 MOTN Model  
 NATN Natchez Trace State Park  
 ONTN Oneida  
 PDTN Piedmont  
 SHTN Soudy Hook  
 SLTN Sullivan  
 C SWTN Sewanee  
 WMTN White Oak Mountain

University of Southern California, Los Angeles  
 Network code: USC

California, U.S.A.  
 R CIW Santa Catalina Island West  
 R FMA Fort MacArthur  
 R LCL Rancho Los Cerritos  
 R PVPS Palos Verdes  
 R SBI Santa Barbara Island

US Geological Survey--other than AGS, MNLO, NEIS and HVO  
 Network code: USGS

Puerto Rico  
 APR Arecibo  
 C CAG Caguas  
 CCA Coamo  
 CDP Cerro de Punta  
 CPD Cerro La Pandura  
 CSB Colonia Sabana  
 C DOS Dos Bocas Dam  
 C EYP El Yunque  
 IDE Isla Desecheo  
 IMO Isla Mono  
 C IMR Isla Mona  
 LPR La Peregrina  
 LRS Lores  
 LSP Los Mesos  
 MCP Moco

--- U.S.A. ---

--- U.S.A. ---

## USGS Network--Continued

## USGS Network--Continued

MGP Muguoyo  
 MOV Morovis  
 PNP Penuelos  
 PON Ponce  
 SJGC Coyey  
  
 Puerto Rico--continued  
  
 Alaska, U.S.A.  
 C ACA Amchitko Central A  
 C ACB Amchitko Central B  
 C ACC Amchitko Central C  
 C ACD Amchitko Central D  
 C ACE Amchitko Central E  
 C ACF Amchitko Central F  
 C ADA Adok (Finger Boy)  
 C AMA Amotignak Island  
 C ANA Amchitko  
 C ANB Amchitko  
 C AND Amchitka  
 C ASB Amchitka  
 C ASC Amchitko  
 C ASD Amchitka  
 C BIO Biorka  
 C LSI Little Sitkin Island  
 C MFA Mitchell Field  
 C RAT Rat Island  
 C SBY Sand Bay  
 C SSI Semisopochnoi Island  
 C UNA Unalaska  
  
 Arizona, U.S.A.  
 C FLG Flagstaff  
  
 California, U.S.A.  
 AMR Amargoso  
 FMT Funeral Mountains  
 GVN Grapevine  
 GWV Greenwater Valley  
 LCH Last Chonge Range  
 MCA Marble Canyon  
 NOP Napah Range  
 PGE Panamint Range  
 PPK Piper Mountain  
 QSM Queen of Sheba Mine  
 TMO Tin Mountain  
  
 Colorado, U.S.A.  
 C SIG South Ingalls  
 SMC Somerset  
  
 Idaho, U.S.A.  
 C BBI Big Bend  
 CIB Cedar Butte  
 C DCI Dry Creek  
 C GBI Big Grossy Butte  
 C GMI Garnes Mountain  
 C HID Hamer Butte  
 C HPI Howe Peak  
 JGI Juniper Gulch  
 C LRI Big Lost River  
 C MBI Menan Buttes  
 TMI Taylor Mountain  
  
 Nevada, U.S.A.  
 C ADM NRDS  
 C ALA Alamo  
 C APK Angel's Peak  
 C APKW Angels Peak  
 C BCN Boulder City  
 C BEA Beatty  
 C BGB Big Butte  
 C BLT Belled Range  
 C BMT\* Black Mountain  
 C BMTN Black Mountain  
 C BRO Bare Mountain  
 C BTY Beatty  
 C BUK 413  
 C CDH1 Calico Hills  
 C CDH5 Calico Hills  
 C CPN CP-17  
 C CPX CP-1  
 C CTS Coctus Peak  
 C DLM Delamar Mountains  
 R EHN Echo Peak  
 C EPR East Paranagot Range  
 C ETS Engine Test Stand

Nevada, U.S.A.--continued  
 GLR Groom Lake Road  
 GMN Gold Mountain  
 GMR Groom Range  
 C GZN Ground Zero  
 HCR Hot Creek Range  
 JON Johnnie  
 KRNA Kowich Range  
 C LO2 Pohute Meso  
 LOP Lookout Peak  
 LSM Little Skull Mountain  
 U LSN Little Skull Mountain  
 C LVN Las Vegas  
 C LVW Los Vegas  
 C LWN 416  
 C MCN Mercury  
 C MCV Mercury  
 MCY Mercury  
 MGM Mogruder Mountain  
 MTL Mount Irish  
 MZP Montezumo Peak  
 NMN Noso Mountain  
 NPM North Pahute Mesa  
 NPN North Pahroc Range  
 C NRM North Roinier Mesa  
 C OVE Overton  
 C PMN Pohute Meso  
 PRN Pahroc Range  
 QCS Queen City Summit  
 C RVE Reveille Range  
 SDH Striped Hills  
 SGV South Grapevine Mountains  
 SHRG Sheep Range  
 C SMN Sleeping Mountain  
 SPRG Spotted Range  
 SRG Seamon Range  
 SSP Shoshone Peak  
 C SSX SS1  
 C STX Station 2  
 SVP Silver Peak Range  
 TMBR Timber Mountain  
 TMN Timber Mountain  
 C TPK Talicho Peak  
 TPU Tempiute Mountain  
 C TPV Tonopoh  
 C TSV Twin Springs  
 WRN Worthington Mountains  
 C WSN Worm Springs  
 C WSR Worm Springs Repeater  
 YMT1 Yucco Mountain  
 YMT2 Yucco Mountain  
 YMT3 Yucca Mountain  
 YMT4 Yucca Mountain  
 YMT5 Yucca Mountain  
 YMT6 Yucco Mountain  
 C ZOX Ground Zero  
  
 New Mexico, U.S.A.  
 KT1 Kermit  
 C KT2 Kermit  
 C KT5 Kermit  
  
 South Carolina, U.S.A.  
 BCS Baptist College of Charleston  
 BOW Bowman  
 CCS Cowcaw Swamp  
 CHF Calhoun Falls  
 COW Cow Castle Creek  
 DRC Dorchester  
 C FMF Francis Marion National Forest  
 C GVS Graniteville  
 HBF Harts Bluff  
 HWD Hollywood  
 JSC Jenkinsville  
 LHS Liberty Hill  
 MGS Middleton Gardens  
 C MKC Moncks Corner  
 MTT Monetto  
 C NHS North Hampton  
 OSB Orangeburg  
 C OSC Orangeburg  
 PBF Porcher Bluff  
 PBS Pigeon Boy  
 C PPS Pierpont  
 PRM Parsons Mountain  
 ROW Rowesville

-- U.S.A. --

## USGS Network--Continued

## South Carolina, U.S.A.--continued

SBK Seabrook  
 SGS St. George  
 C SMA Summerton  
 SMS C Smeltzer Mountain  
 SVS Slandsville  
 TRK Turkey Creek  
 VEW Oceanview  
 VRN Vornville  
 C VSC Vornville  
 WMS West Middle School  
 WSS West Ashley  
 ZIN Mount Zion Church

## Texas, U.S.A.

KIE Kermit  
 KIT Kermit  
 KKT Kermit  
 KM2 Kermit  
 KM3 Kermit  
 KM5 Kermit  
 KM6 Kermit  
 KM9 Kermit  
 C KME Kermit  
 KT3 Kermit  
 KT4 Kermit  
 KT7 Kermit  
 KT8 Kermit  
 C KT9 Kermit  
 C KTE Kermit  
 C KTT Kermit  
 KTX Kermit

## Utah, U.S.A.

C BCU Bear Canyon  
 C FLA Flat  
 C HCU Horse Canyon  
 C PST Pasture Canyon  
 C SCU Sheep Canyon  
 C SMU Sunnyside Mine  
 C SUN Sunnyside

## Virginia, U.S.A.

GSR Geological Survey, Reston

## Wyoming, U.S.A.

C PI1 Pinedale  
 C PI2 Pinedale  
 C PI3 Pinedale  
 C PI4 Pinedale  
 C PI5 Pinedale  
 C PI6 Pinedale  
 C PI7 Pinedale  
 C PIN Pinedale

## Weston Observatory, Boston, Massachusetts

Network code: WES

## Connecticut, U.S.A.

C APT Avery Point  
 BCT Brookfield  
 C BPT Bridgeport  
 C CPL Chaplin  
 ECT Ellsworth  
 HDM Haddam  
 MD1 Maadus (Comstock Bridge)  
 MD2 Maadus (Pickerel Lake)  
 MD3 Maadus (Cave Hill)  
 MD4 Maadus (Haddam Neck)  
 MD5 Maadus (Shailerville)  
 NSC North Stonington  
 C TMT Talcott Mountain  
 UCT University of Connecticut (Storrs)

## Maine, U.S.A.

AGM Allagash  
 BPM Bucksport  
 CBM Caribou  
 D1A Dickey  
 D2A Dickey (Kelly Mountain)  
 D3A Dickey (Carter Brook)  
 D4A Dickey (Rocky Mountain)  
 D5A Dickey (Browns Brook)  
 D6A Dickey (Two Mile Stream)  
 EMM East Machias

-- U S A --

## WES Network--Continued

## Maine, U.S.A.--continued

HKM Hinckley  
 HNME Houlton  
 JKM Jackman  
 MIM Milo  
 P00 Cooper Hill  
 P01 East Ridge  
 TRM Turner

## Massachusetts, U.S.A.

FLR Fall River  
 LNX Lenox  
 NMA Nantucket  
 QUA Quabbin  
 WES Weston

## New Hampshire, U.S.A.

BNH Berlin  
 HNH Hanover

## Rhode Island, U.S.A.

C LAF Lafayette

## Vermont, U.S.A.

BLVT Baltimore  
 DVT Derby  
 IVT Ira

-- VENEZUELA --

## Instituto Sismologico, Observatorio Cagigal, Caracas, Venezuela

Network code: CAR

## Venezuela

R BCU Bocono  
 C BLV Bailadores  
 CAR Caracos  
 CBV Ciudad Bolivar  
 R CCV Caicara  
 R CPV Carupana  
 CUM Cumana  
 R ECV El Callao  
 EHV El Hato  
 R IAV Isla Aves  
 R JCV Junquita-Corocos  
 LGN Logunillas  
 R MGJ Morgorita  
 R MRV Maracaibo  
 R SBV San Cristobal  
 SDV Santa Domingo  
 SIR Sirio  
 TOV El Tacuyo  
 +UAV Universidad de las Andes (Merida)  
 R URV Uribante

## Guri, Venezuela

Network code: GUV

## Venezuela

R GMC Macagua  
 R GMV El Manteca  
 R GTV Cerro Toribia  
 GUV Guri  
 R GUV1 Guri Network  
 R GUV2 Guri Network  
 R GUV3 Guri Network  
 R GUV4 Guri Network  
 R GUV5 Guri Network  
 R LEV Loma de el Viento

## Universidad de las Andes, Merida, Venezuela

Network code: UAV

## Venezuela

PMV Pico Espejo  
 UAV Universidad de las Andes (Merida)  
 R UAV1 Merida network  
 R UAV2 Merida network

## -- VIETNAM --

National Center for Scientific Research, Hanoi, Vietnam  
Network code: PLV

	Vietnam
	BGV Bac-Giang
R	DLV Da Lot
	HBVN Hoa-Binh
	NHA Nha Trang
	PLV Phu-Lien (Kien-An)
C	SPV Sa-Pa
	TQV Tuyen-Quang

## -- YUGOSLAVIA --

Seismological Survey, SR of Slovenia, Ljubljana,  
Yugoslavia

Network code: LJU

	Yugoslavia
CEY	Cerknica
LJU	Ljubljana (Laibach)
VOY	Vojsko

Seismological Observatory, Skopje University, Yugoslavia  
Network code: SKO

	Yugoslavia
KAY	Katlanovo
LIP	Lipkova
MYG	Matka
OHR	Ohrid
SKO	Skopje
VAY	Valandava

Seismological Institute of Montenegro, Titograd,  
Yugoslavia

Network code: TTG

	Yugoslavia
BDV	Budva
BRY	Bratogas
HGY	Herceg Novi
IYA	Ivangrad
NKY	Niksic
PLE	Pljevlja
PVY	Plav
TTG	Titograd
ULC	Ulcinj

## -- ZAMBIA --

Geological Survey Department, Lusaka, Zambia  
Network code: LSZ

	Zambia
R	IKZ Isaka
	ITZ Itezhi-Tezhi
	KMZ Kasempa
	LSZ Lusaka
	MZZ Mansa
R	PTZ Petauke

## -- ZIMBABWE --

Gaetz Observatory, Bulawayo, Zimbabwe  
Network code: BUL

	Malawi
+CLK	Chileka
+MZM	Mzuzu
	Zimbabwe
	BUL Bulawayo
	CIR Chiredzi
R	HWZ Hwange (Wankie)
C	KRB Kariba
	KRI Karai
C	KRR Karai
	MTD Maunt Darwin
R	MUZ Mutare (Umtali)

## -- SPECIAL NETWORKS --

Modified High Gain Long Period Network  
Network code: ASRO

KAAO Afghanistan  
Kabul

CTAO Queensland, Australia  
Charters Towers

ZOBO Bolivia  
Zongo (La Paz)

MAJO Honshu, Japan  
Motsushiro

KONO Norway  
Kongsberg

Digital Worldwide Standard Seismograph Network (DWSSN)  
Network code: DWSS

TAU Tasmania, Australia  
Tasmania University

BDF Distrito Federal, Brazil  
Brasilia

KEV Finland  
Kevo

GDH Greenland  
Godhavn

LEM Jawa, Indonesia  
Lembang

BER Norway  
Bergen

AFI Samoa Islands  
Afiama'u

SLR Transvaal, South Africa  
Silverton

TOL Spain  
Toledo

COL Alaska, U.S.A.  
College Outpost

C JAS California, U.S.A.  
Jamestown

JAS1 Jamestown

HON Hawaii, U.S.A.  
Honolulu

ALO New Mexico, U.S.A.  
Albuquerque

SCP Pennsylvania, U.S.A.  
State College

LON Washington, U.S.A.  
Longmire

High Gain Long Period Network  
Network code: HGLP

CTA Queensland, Australia  
Charters Towers

C ZLP Bolivia  
Zongo (La Paz)

C EIL Israel  
Eilat (Eilat)

MAT Honshu, Japan  
Motsushiro

KON Norway  
Kongsberg

## -- SPECIAL NETWORKS --

## HGLP Network--Continued

C TLO Spain  
Toledo

CHG Thailand  
Chiang Mai

KIP Hawaii, U.S.A.  
Kipopo

C OGD New Jersey, U.S.A.  
Ogdensburg

ALO New Mexico, U.S.A.  
Albuquerque

International Deployment of Accelerometers Network  
Network code: IDA

SPA Greater Antartico, Antarctica  
South Pole

CAN Australian Cap. Terr., Australia  
Conberro

R TWOA South Australia, Australia  
Tennyson Woods Observatory (Adelaide)

BDF Distrito Federal, Brazil  
Brasilia

ALE Northwest Territories, Canada  
Alert

HAL Nova Scotia, Canada  
Halifax

C EIC Valparaiso, Chile  
Easter Island

RAR Cook Islands  
Rarotonga

SSB Longueudoc, France  
Saint Saviour en Rue

ERM Hokkaido, Japan  
Erimo

GUA Guam, Mariana Islands  
Guam (Santa Rosa)

NNA Peru  
Noro

SJG Puerto Rico  
San Juan

SUR Cape Province, South Africa  
Sutherland

GAR Tajik S.S.R., U.S.S.R.  
Garm

ESK Scotland, United Kingdom  
Eskdalemuir

CMO Alaska, U.S.A.  
College--Fairbanks

R PFO California, U.S.A.  
Pinyon Flat Observatory

KIP Hawaii, U.S.A.  
Kipopo

Seismic Research Observatory Network  
Network code: SRO

NWAO Western Australia, Australia  
Norrogin

BCAO Central African Republic  
Bangui

## -- SPECIAL NETWORKS --

## SRO Network--Continued

TATO	China (Taiwan) Taipei
BOCO	Colombia Bogota
GRFO	Bayern, Fed. Rep. of Germany Groefenberg
R DEIO	Delhi, India Delhi
SHIO	Meghalaya, India Shillong
MAIO	Iran Mashhad
R BGIO	Israel Bar Giyyara
R NAKO	Kenya Nairabi
GUMO	Guam, Mariana Islands Guam
SNZO	North Island, New Zealand South Karari
R QUPQ	Pakistan Quetta
R MPSO	Swaziland Mpaka
CHTO	Thailand Chiang Mai
ANTO	Turkey Ankara
ANMO	New Mexico, U.S.A. Albuquerque
USGS, National Earthquake Information Center US Telemetered Network Network code: USTN	
RSNT	Northwest Territories, Canada Yellowknife
RSDN	Ontario, Canada Red Lake
NRAO	Norway NORESS Array Site A0
PWLA	Alabama, U.S.A. Pickwick Lake
ADK	Alaska, U.S.A. Adak
ANM	Nome--Anvil Mountain
BRW	Barrow
FBA	Fairbanks
IMA	Indian Mountain
KDC	Kodiak
C NKI	Nikolski
PMR	Palmer
SIT	Sitka
SMY	Shemya
TTA	Tatalina
GCA	Arizona, U.S.A. Glen Canyon
OLY	Arkansas, U.S.A. Olyphant
POW	Pawhatan
ARN	California, U.S.A. Arnold Ranch
BLP	Lompac
FHC	Fickle Hill

## -- SPECIAL NETWORKS --

## USTN Network--Continued

California, U.S.A.--continued	
FRI	Front
GAS	Alder Springs
GLA	Glamis
C JAS	Jamestown
JAS1	Jamestown
LGBM	Gray Butte
LMHM	Mount Hoffman
NOP	Nopoh Range
NWRM	Wright Ranch
ORV	Oroville
PEC	Perris
PGE	Panamint Range
PHAM	Harlan Ranch
PHGM	Hog Canyon
PYR	Pyramid
RMT	Round Mountain
SCCM	Calson Canyon
SDW	Sidewinder Mine
VPEM	Valcana Peak East
WASM	Alta Sierra Campground
WKTU	Kern Tulare
WWPM	Walker Pass
Colorado, U.S.A.	
GLD	Galden
GOL	Galden (Bergen Park)
PV01	Paradox Valley (The Burn)
PV02	Paradox Valley (Manogram Mesa)
PV03	Paradox Valley (Wild Steer)
PV04	Paradox Valley (Carpenter Flat)
PV05	Paradox Valley (Three Step)
PV06	Paradox Valley (Coal Canyon)
PV07	Paradox Valley (Long Mesa)
PV08	Paradox Valley (Montpelier)
PV10	Paradox Valley (South La Sal)
RW1	Ridgway
RW2	Ridgway
RW3	Ridgway
RW4	Ridgway
RW5	Ridgway
RW6	Ridgway
Hawaii, U.S.A.	
DHH	Diamond Head
HKL	Haleakala
HON	Honolulu
HPO	Hanuapa
KIP	Kipapa
KKH	Kailua Kana
MHA	Mahukona
OPA	Opana
Idaho, U.S.A.	
BEI	Bear River Range
HPI	Hawe Peak
TMI	Taylor Mountain
Illinois, U.S.A.	
ELC	Elca
Maine, U.S.A.	
CBM	Caribou
EMM	East Machias
HNME	Haulton
MIM	Mila
Missouri, U.S.A.	
DMV	Demmitville
FVM	French Village
LST	Lane Star
Nevada, U.S.A.	
BMN	Battle Mountain
DLM	Delamar Mountains
GLR	Groom Lake Road
HCR	Hat Creek Range
MNA	Mina
SHRG	Sheep Range
SRG	Seaman Range
SVP	Silver Peak Range
WCN	Washoe City
YMT1	Yucca Mountain
YMT3	Yucca Mountain

## -- SPECIAL NETWORKS --

## USTN Network--Continued

BNH	New Hampshire, U.S.A. Berlin
CPD	New Jersey, U.S.A. Greenpond
PRIN	Princeton
ALO	New Mexico, U.S.A. Albuquerque
C APH	New York, U.S.A. Airport Hangar
BING	Binghamton
DHN	Doyle Hill
PTN	Potsdam
RSNY	Adirondack
SANY	Sanborn
SKLY	Ski Hill Lift
TBR	Table Rock
GFM	North Carolina, U.S.A. Grandfather Mountain
MFV	Oregon, U.S.A. Milton-Freewater
VCLM	Crater Lake
VPIM	Pine Mountain
HBF	South Carolina, U.S.A. Harts Bluff
JSC	Jenkinsville
LHS	Liberty Hill
OSB	Orangeburg
PRM	Parsons Mountain
SBK	Seabrook
SGS	St. George
ZIN	Mount Zion Church
RSSD	South Dakota, U.S.A. Black Hills
GRT	Tennessee, U.S.A. Gratio
RSCP	Cumberland Plateau
TKL	Tuckaleechee Caverns
LTX	Texas, U.S.A. Lajitas
BKU	Utah, U.S.A. Beaver Lake Mountains
DAU	Daniels Canyon
DUG	Dugway
GZU	Grizzly Peak
MMU	Miners Mountain
MOU	Mount Ogden
MSU	Marysville
PV09	Paradox Valley (North La Sal)
RMU	Rainbow Monument
BLA	Virginia, U.S.A. Blacksburg
CVL	Charlottesville
NA12	North Anna
NA2	North Anna
NAV	Narrows
BFW	Washington, U.S.A. Bow Faw Mountain
GMW	Gold Mountain
LON	Longmire
MCW	Mount Constitution
NEW	Newport
RMW	Rattlesnake Mountain
SHW	Mount Saint Helens
VGB	Gordon Butte
BDW	Wyoming, U.S.A. Boulder
IMW	Indian Meadow

## -- SPECIAL NETWORKS --

Worldwide Standard Seismograph Network (WSSN)  
Network code: WWSS

KBL	Afghanistan Kabul
C SDB	Angola Sa da Bandeira
C HLL	Greater Antarctica, Antarctica Hallett
SBA	Scott Base
SNA	Sanae
SPA	South Pole
LPA	Buenos Aires, Argentina La Plata
RIV	New South Wales, Australia Riverview
CTA	Queensland, Australia Charters Towers
ADE	South Australia, Australia Adelaide (Mount Bonython)
TAU	Tasmania, Australia Tasmania University
MUN	Western Australia, Australia Mundaring
BEC	Bermuda Bermuda--Columbia
LPB	Bolivia La Paz
BDF	Distrito Federal, Brazil Brasilia
CAL	Rio Grande do Norte, Brazil Caico
C NAT	Natal
C CMC	Northwest Territories, Canada Coppermine
ANT	Antofagasta, Chile Antofagasta
SOM	Magallanes, Chile Sombbrero
PEL	Santiago, Chile Peldehue
ANP	China (Taiwan) Anpu
BOG	Colombia Bogota
RAR	Cook Islands Rarotonga
COP	Denmark Copenhagen
VAL	Eire Valentia
HLW	Egypt Helwan
LPS	El Salvador La Palma
C QUI	Ecuador Quito
GIE	Galapagos Islands, Ecuador Galapagos Islands
AAE	Ethiopia Addis Ababa

## -- SPECIAL NETWORKS --

## WWSS Network--Continued

STU	Baden-Wurttemberg, Fed. Rep. of Germany Stuttgart
KEV	Finland
NUR	Keva
	Nurmijarvi
LOR	Nivernois, France Lormes (Somee)
ATH	Greece Athens Observatory
C CCG	Greenland Camp Century
DAG	Danmarkshavn
GDH	Gadhavn
KTG	Kap Tobin
C NOR	Nord
HKC	Hang Kong Hong Kong
AKU	Iceland Akureyri
NDI	Delhi, India New Delhi (Delhi)
POO	Maharashtra, India Paana
SHL	Meghalaya, India Shillang
KOD	Tamil Nadu, India Kodaikanal
HOW	West Bengal, India Howrah
LEM	Jawa, Indonesia Lembang
C MHI	Iran Mashhad
MSH	Mashhad
SHI	Shiraz
TAB	Tabriz
C EIL	Israel Eilat (Eilat)
JER	Jerusalem
AQU	Abruzzo, Italy L'Aquila
TRI	Friuli-Venezia Giulia, Italy Trieste (Gratta Gigante)
MAT	Hanshu, Japan Matsushiro
SHK	Shiraki
NAI	Kenya Nairobi
GUA	Guam, Mariana Islands Guam (Santa Rosa)
UNM	Distrito Federal, Mexico Universidad Nacional de Mexico
TPM	Marelos, Mexico Tepoztlan
WIN	Namibia Windhoek
WEL	North Island, New Zealand Wellington
KON	Norway Kongsberg
C KRK	Kirkenes

## -- SPECIAL NETWORKS --

## WWSS Network--Continued

KBS	Svalbord, Norway Kingsbay
C LAH	Pakistan Lahore
NIL	Nilore
QUE	Quetta
C BHP	Panama Balboa Heights
UPA	Universidad de Panama
RAB	New Britain, Papua New Guinea Raboul
PMG	New Guinea, Papua New Guinea Port Maresby
ARE	Peru Arequipa (Characata)
NNA	Nana
BAG	Luzon, Philippines Baguio City
MAN	Manila (Diliman)
DAV	Mindanao, Philippines Davao
PTO	Portugal Ponta (Serro do Pilar)
PDA	Azores, Portugal Ponta Delgada
SJG	Puerto Rico San Juan
AFI	Samoa Islands Afiamatu
HNR	Solomon Islands Haniara
GRM	Cape Province, South Africa Grahamstown
PRE	Transvaal, South Africa Pretoria
SEO	South Korea Seoul (Keizya)
MAL	Spain Malaga
TOL	Taledo
UME	Sweden Umea
CHG	Thailand Chiang Mai
SNG	Sangkha
TRN	Trinidad, Trinidad and Tabago Trinidad (Saint Augustine)
IST	Turkey Istanbul
ESK	Scotland, United Kingdom Eskdalemuir
SHA	Alabama, U.S.A. Spring Hill
COL	Alaska, U.S.A. College Outpost
TUC	Arizona, U.S.A. Tucson
BKS	California, U.S.A. Berkeley--Byerly
GSC	Goldstone
PLM	Palamar

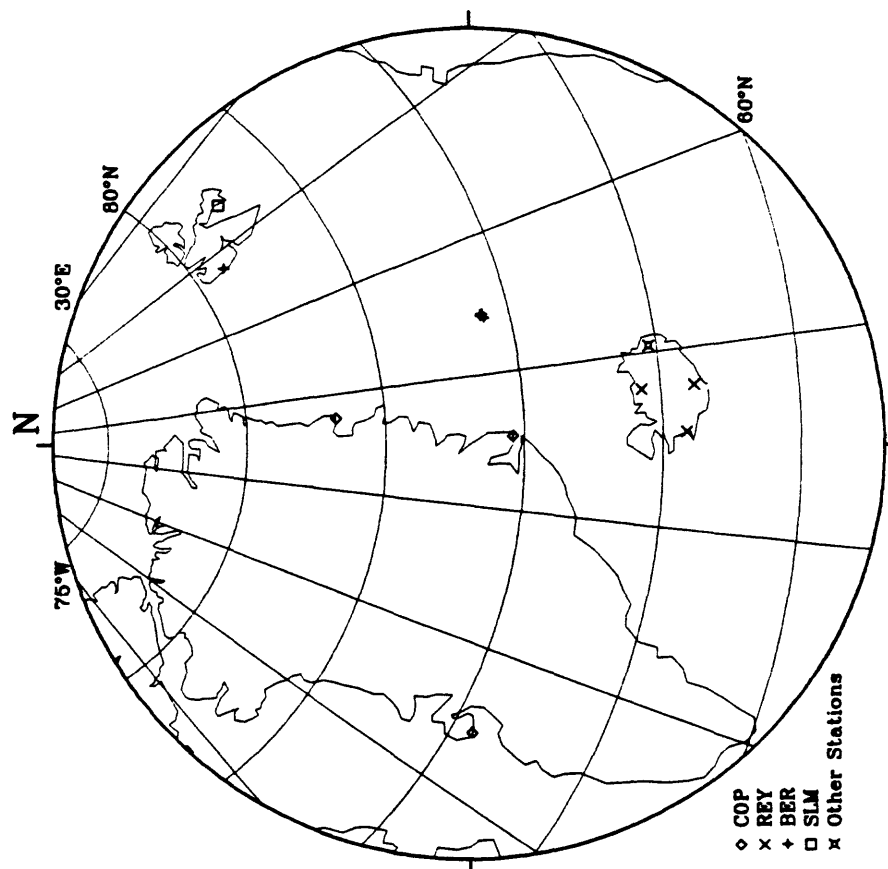


## -- SPECIAL NETWORKS --

## WWSS Network--Continued

GOL	Colorado, U.S.A. Golden (Bergen Park)
GEO	District of Columbia, U.S.A. Georgetown
ATL	Georgia, U.S.A. Atlanta
HON KIP	Hawaii, U.S.A. Honolulu Kipapa
WES	Massachusetts, U.S.A. Weston
AAM	Michigan, U.S.A. Ann Arbor
C MNN	Minnesota, U.S.A. Minneapolis
C OXF	Mississippi, U.S.A. Oxford
C FLO FVM	Missouri, U.S.A. Florissant French Village
C BOZ MSO	Montana, U.S.A. Bozeman Missoula
C OGD	New Jersey, U.S.A. Ogdensburg
ALO	New Mexico, U.S.A. Albuquerque
COR	Oregon, U.S.A. Corvallis
SCP	Pennsylvania, U.S.A. State College
RCD	South Dakota, U.S.A. Rapid City
DAL EPT JCT LUB	Texas, U.S.A. Dallas El Paso Junction Lubbock
DUG	Utah, U.S.A. Dugway
BLA	Virginia, U.S.A. Blacksburg
LON	Washington, U.S.A. Longmire
C MDS	Wisconsin, U.S.A. Madison
CAR	Venezuela Caracas
NHA	Vietnam Nha Trang
BUL	Zimbabwe Bulawayo

STATIONS IN ICELAND,  
GREENLAND AND SVALBARD  
CONTRIBUTING DATA TO NEIC



STATIONS IN  
NORTHERN CANADA  
CONTRIBUTING DATA TO NEIC

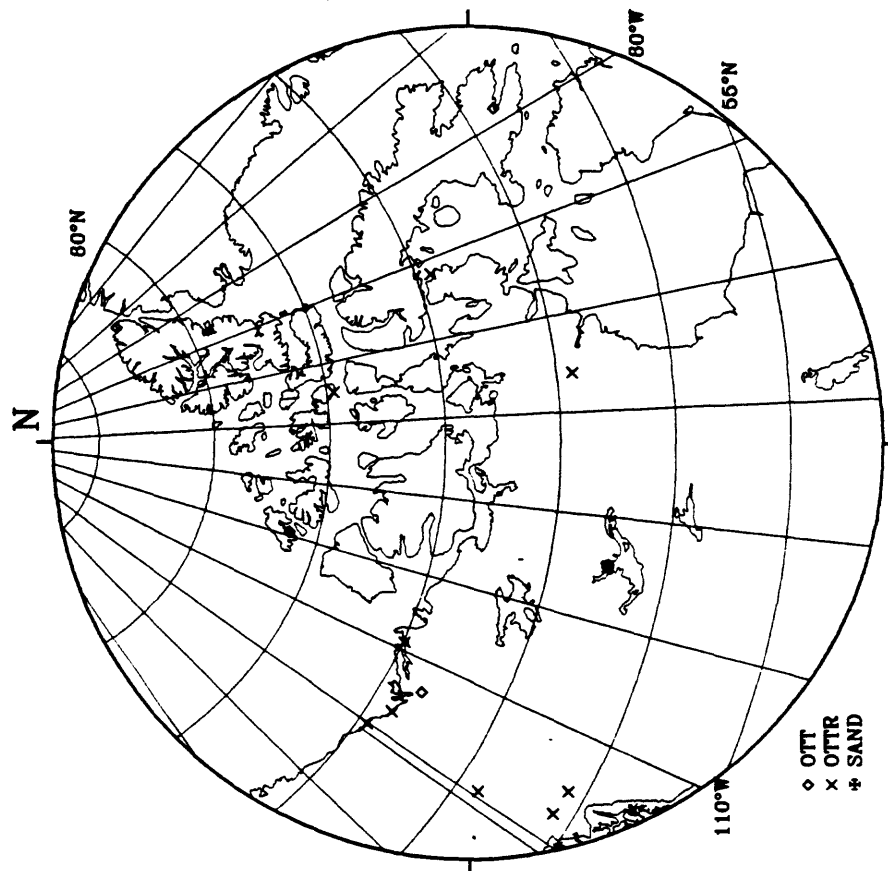
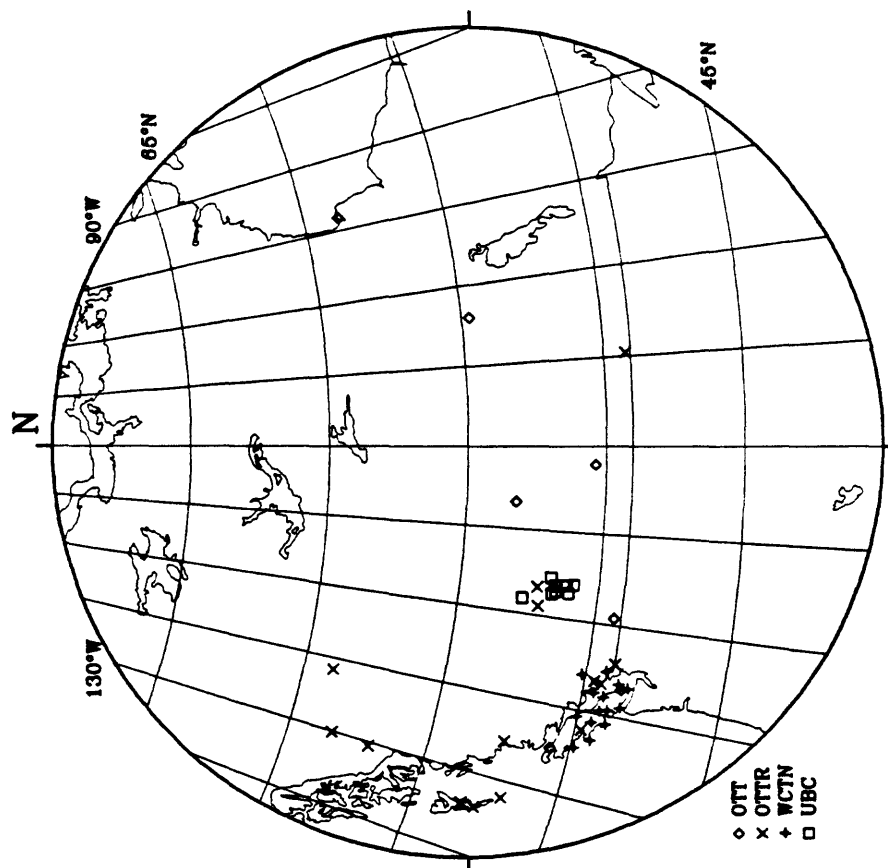


Figure 1

# STATIONS IN WESTERN CANADA

CONTRIBUTING DATA TO NEIC



# STATIONS IN EASTERN CANADA

CONTRIBUTING DATA TO NEIC

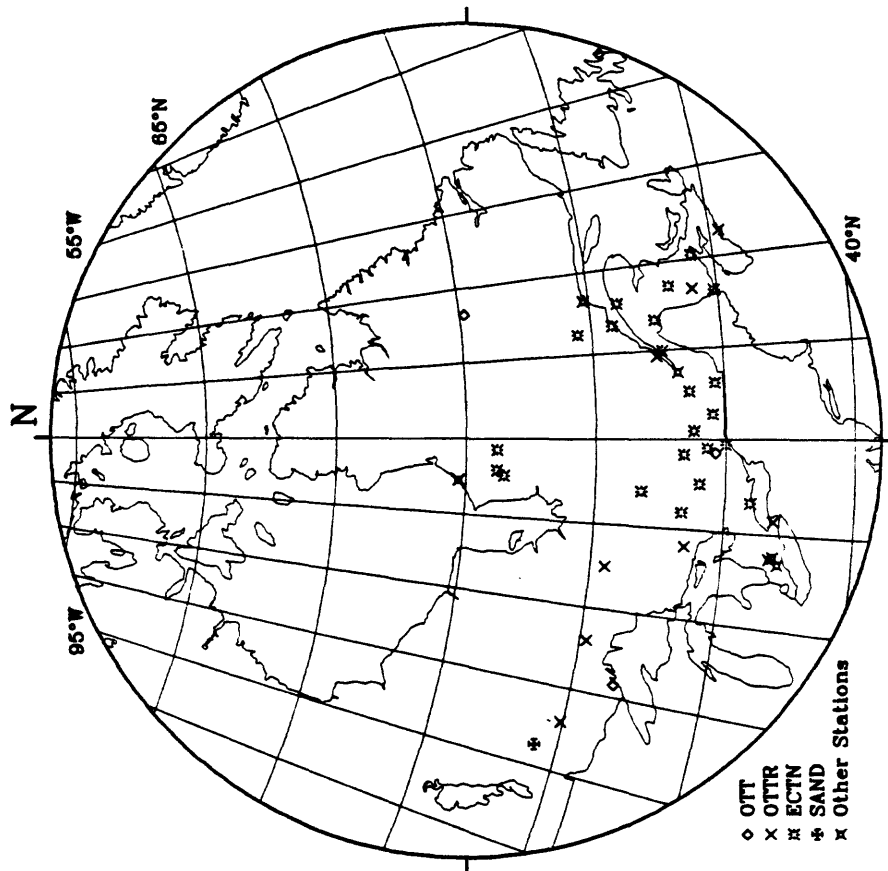
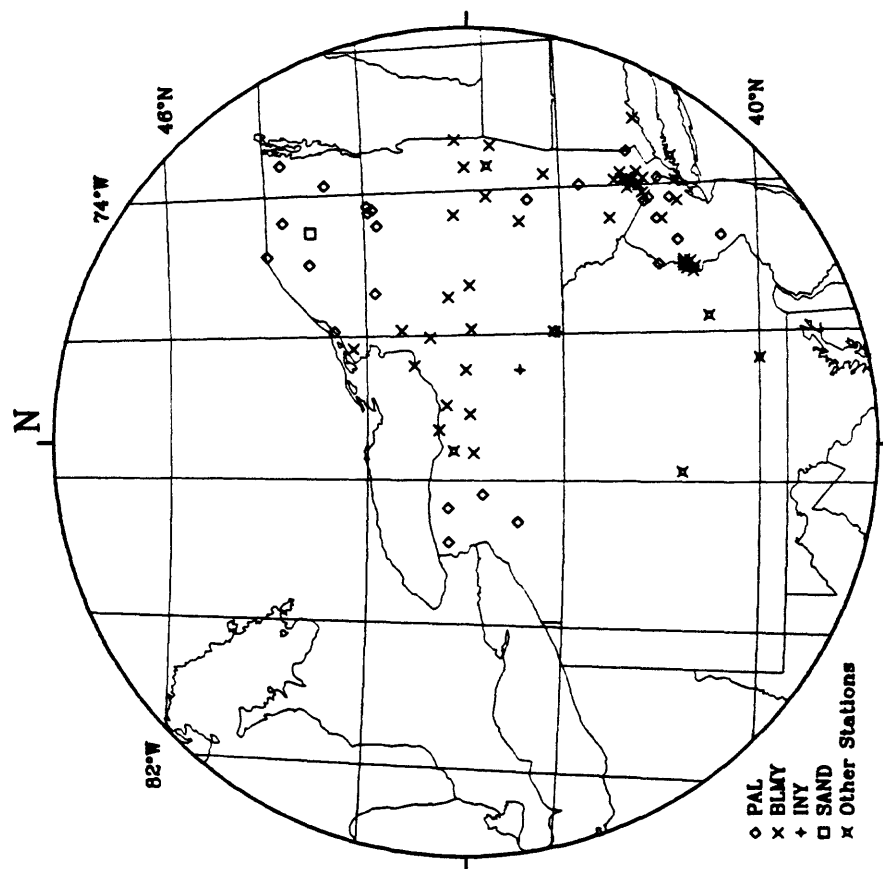


Figure 2

STATIONS IN PENNSYLVANIA,  
NEW YORK AND NEW JERSEY, U.S.A.  
CONTRIBUTING DATA TO NEIC



STATIONS IN THE  
NEW ENGLAND REGION, U.S.A.  
CONTRIBUTING DATA TO NEIC

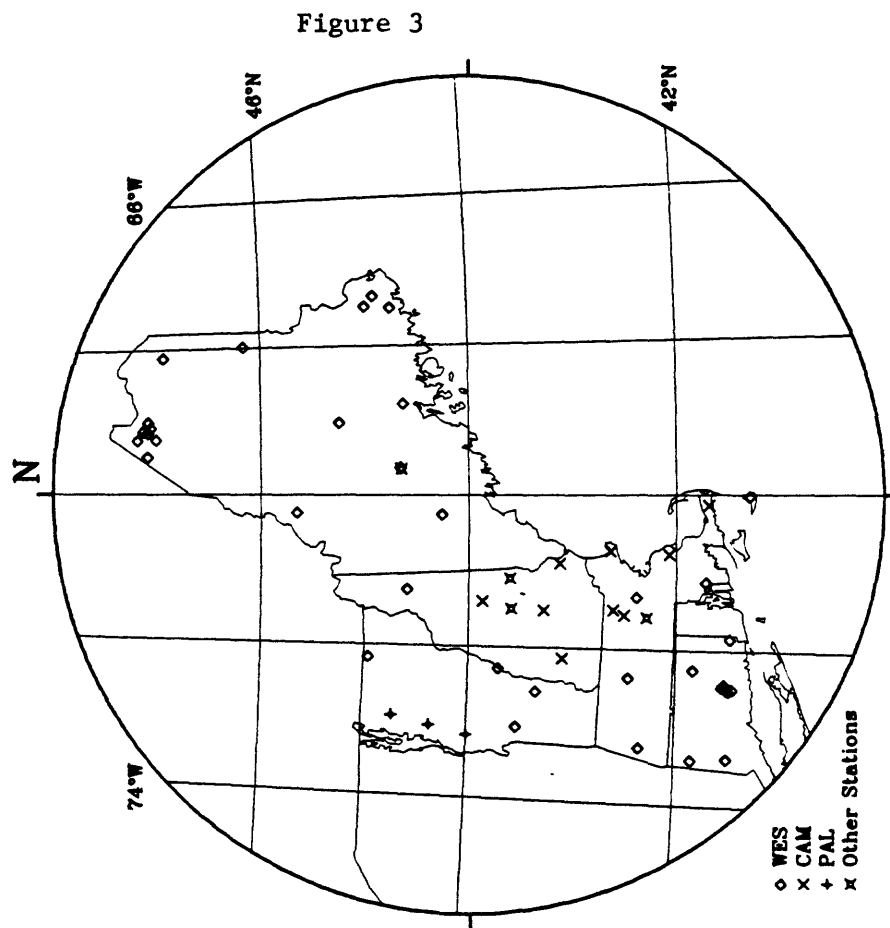


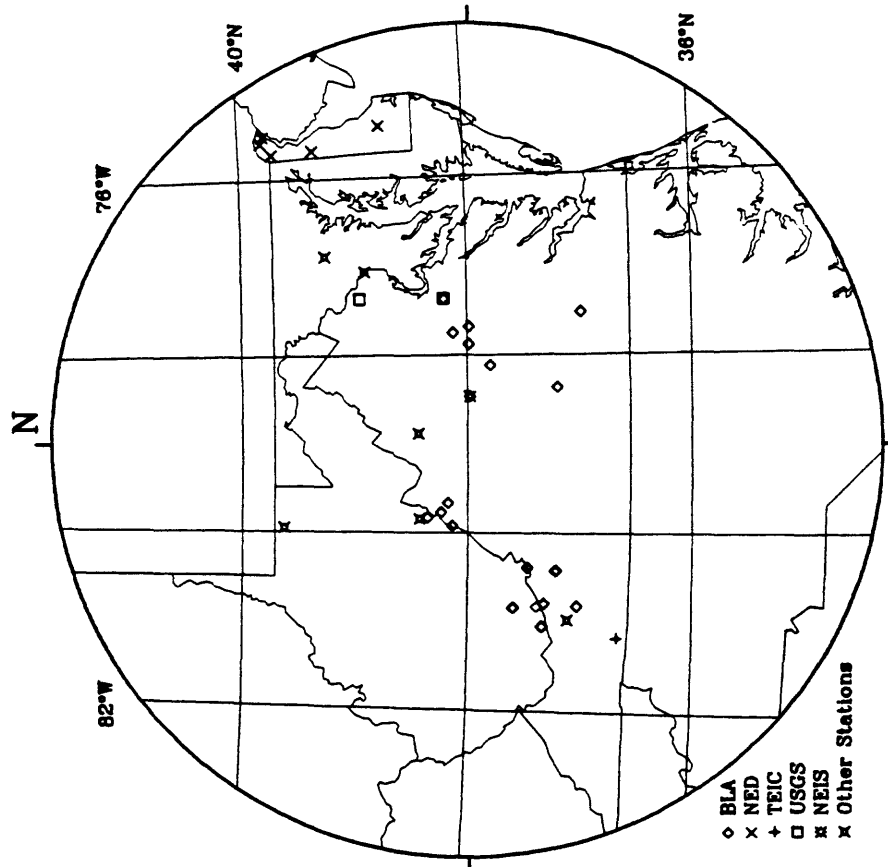
Figure 3

Figure 4

# STATIONS IN THE

CENTRAL ATLANTIC STATES, U.S.A.

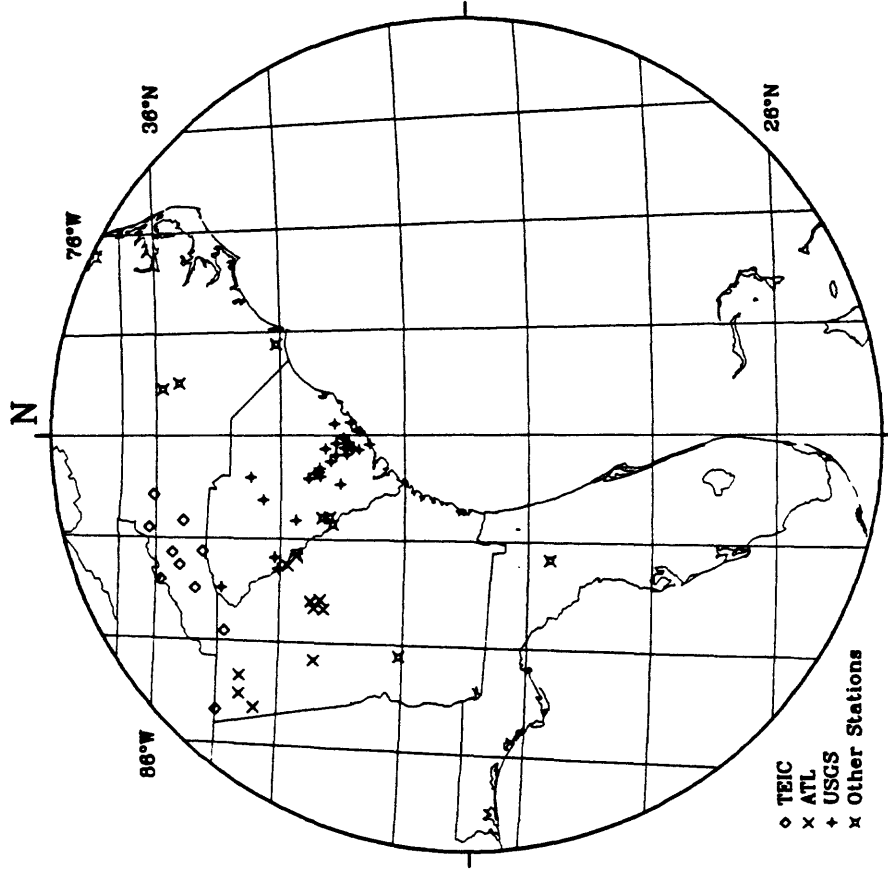
CONTRIBUTING DATA TO NEIC



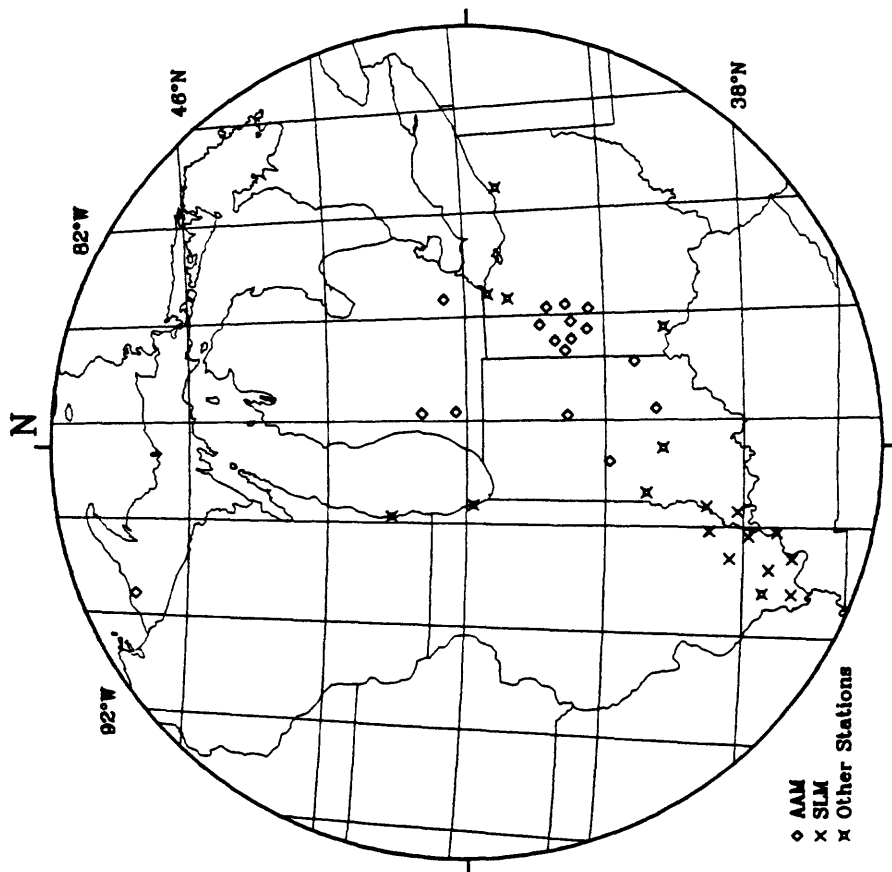
# STATIONS IN THE

SOUTH ATLANTIC STATES, U.S.A.

CONTRIBUTING DATA TO NEIC



STATIONS IN THE  
NORTH CENTRAL STATES, U.S.A.  
CONTRIBUTING DATA TO NEIC



STATIONS IN  
KENTUCKY AND TENNESSEE, U.S.A.  
CONTRIBUTING DATA TO NEIC

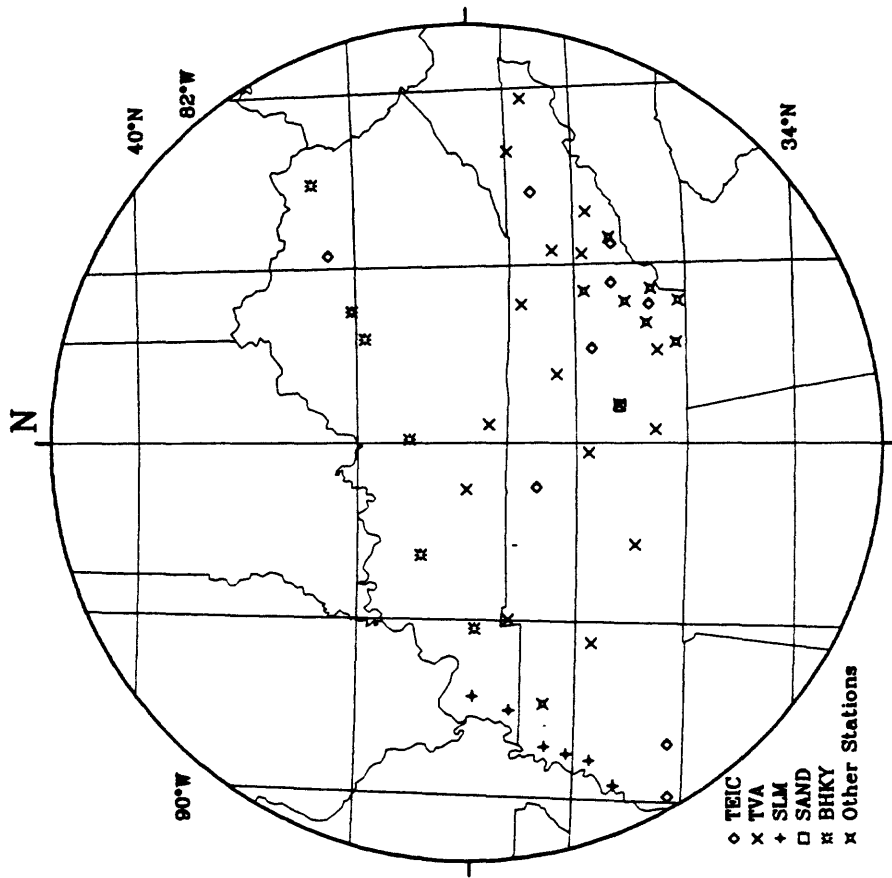
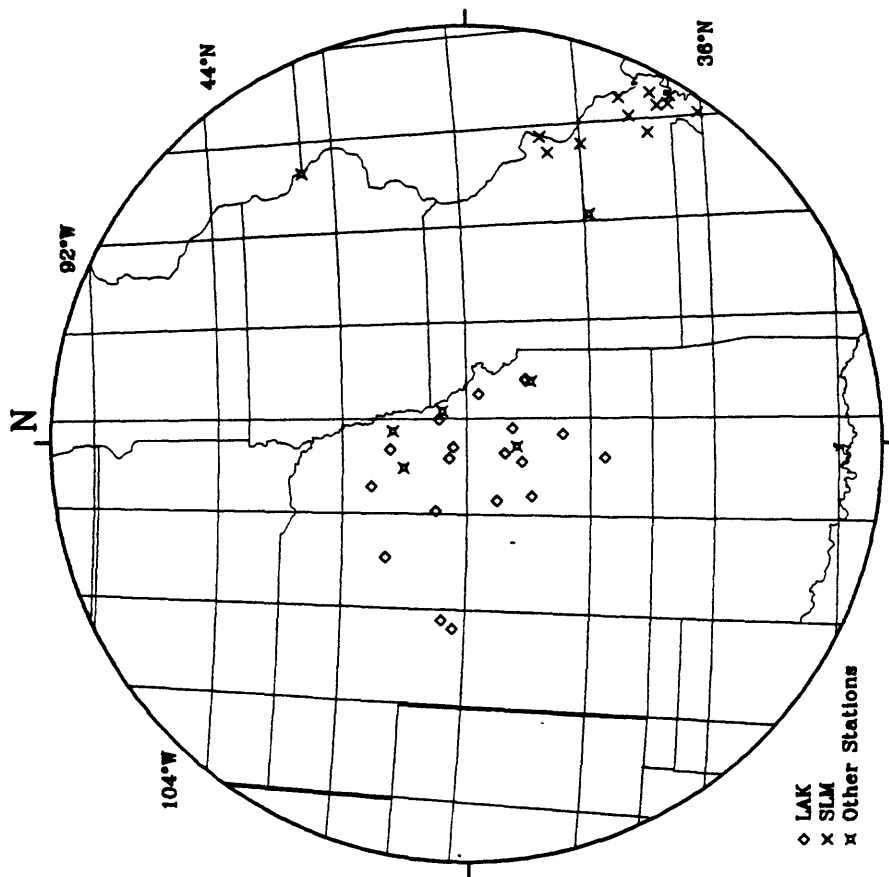


Figure 5

STATIONS IN IOWA, KANSAS,  
NEBRASKA AND MISSOURI, U.S.A.  
CONTRIBUTING DATA TO NEIC



STATIONS IN  
MINNESOTA AND THE DAKOTAS, U.S.A.  
CONTRIBUTING DATA TO NEIC

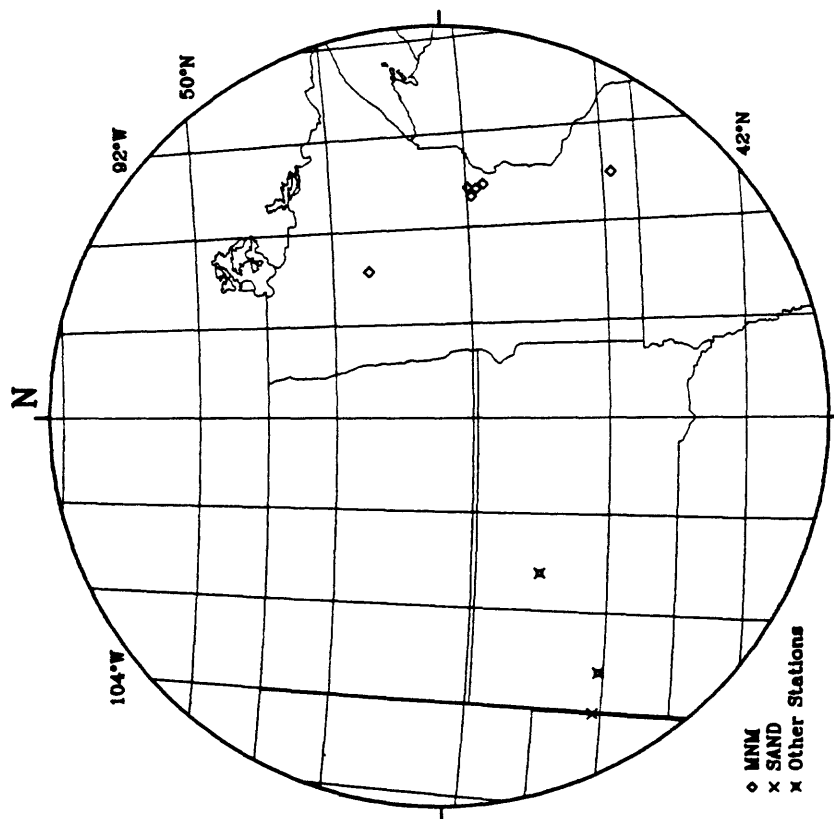
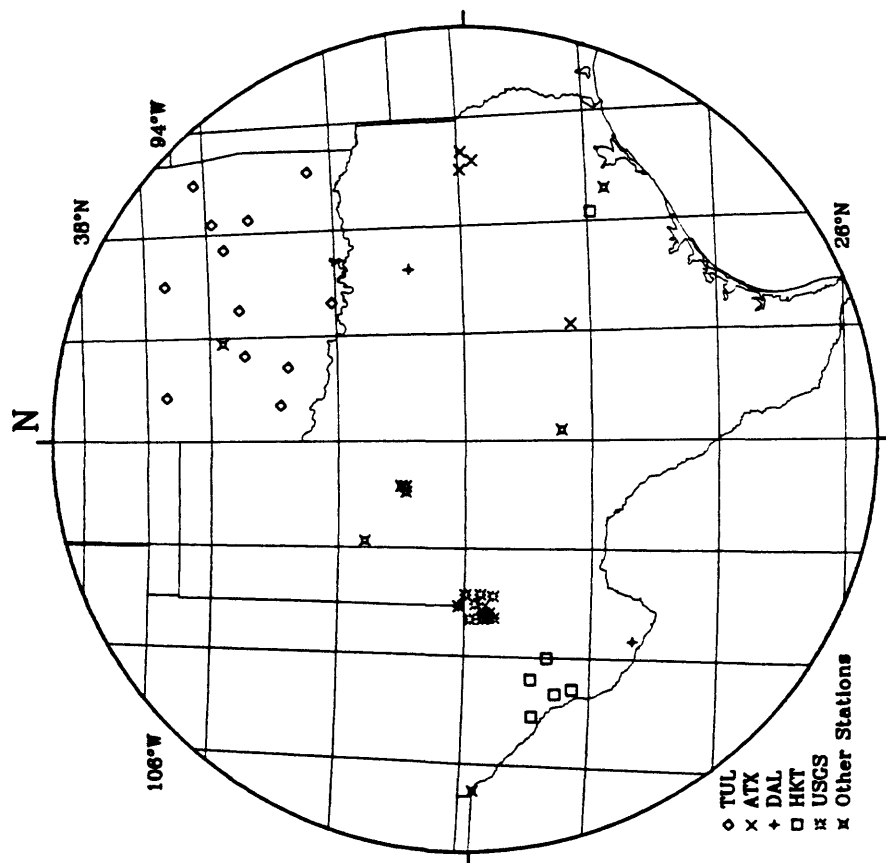


Figure 6

# STATIONS IN TEXAS AND OKLAHOMA CONTRIBUTING DATA TO NEIC



# STATIONS IN THE SOUTH CENTRAL STATES, U.S.A. CONTRIBUTING DATA TO NEIC

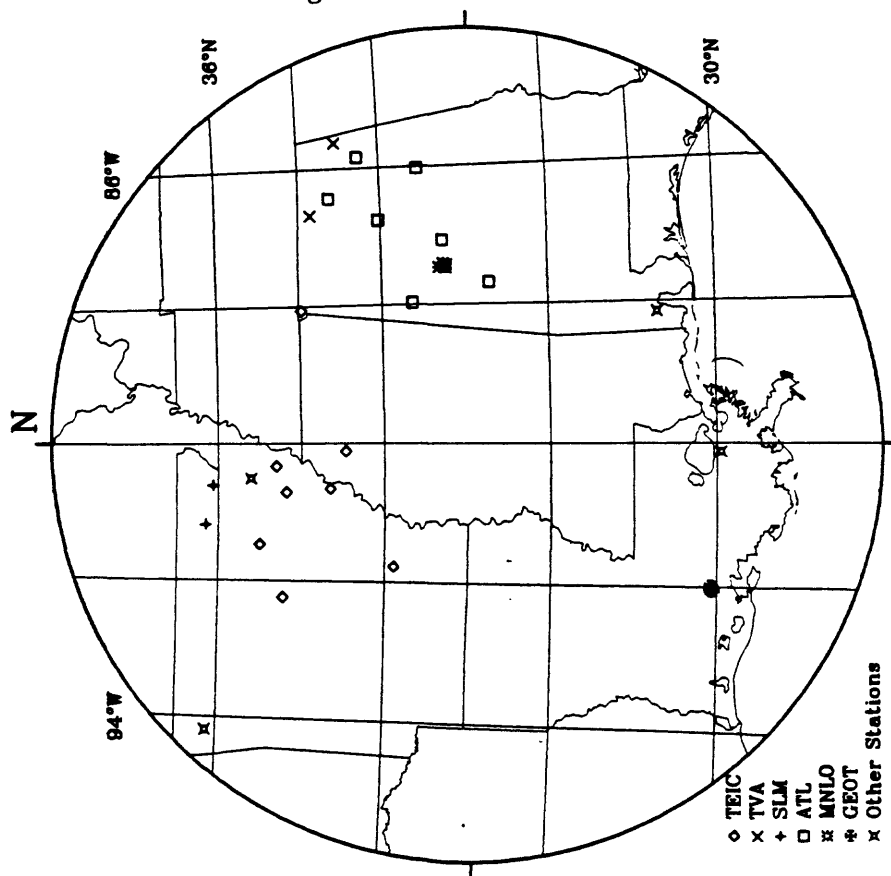
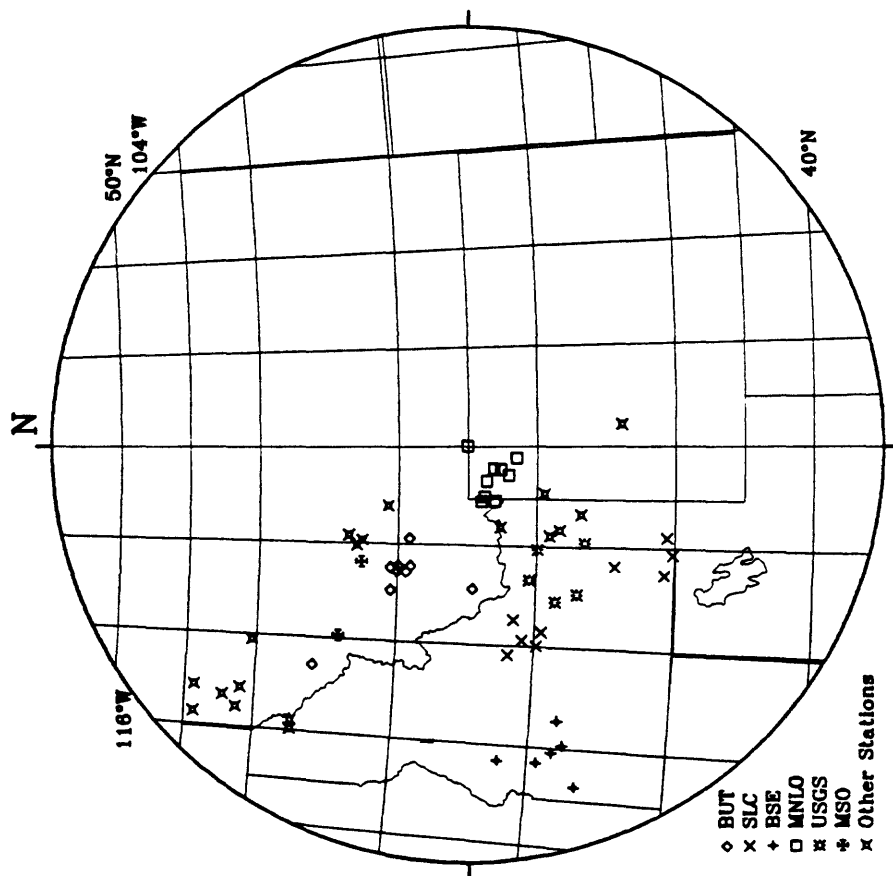


Figure 7



STATIONS IN MONTANA,  
WYOMING AND IDAHO, U.S.A.  
CONTRIBUTING DATA TO NEIC



STATIONS IN UTAH, COLORADO,  
ARIZONA AND NEW MEXICO, U.S.A.  
CONTRIBUTING DATA TO NEIC

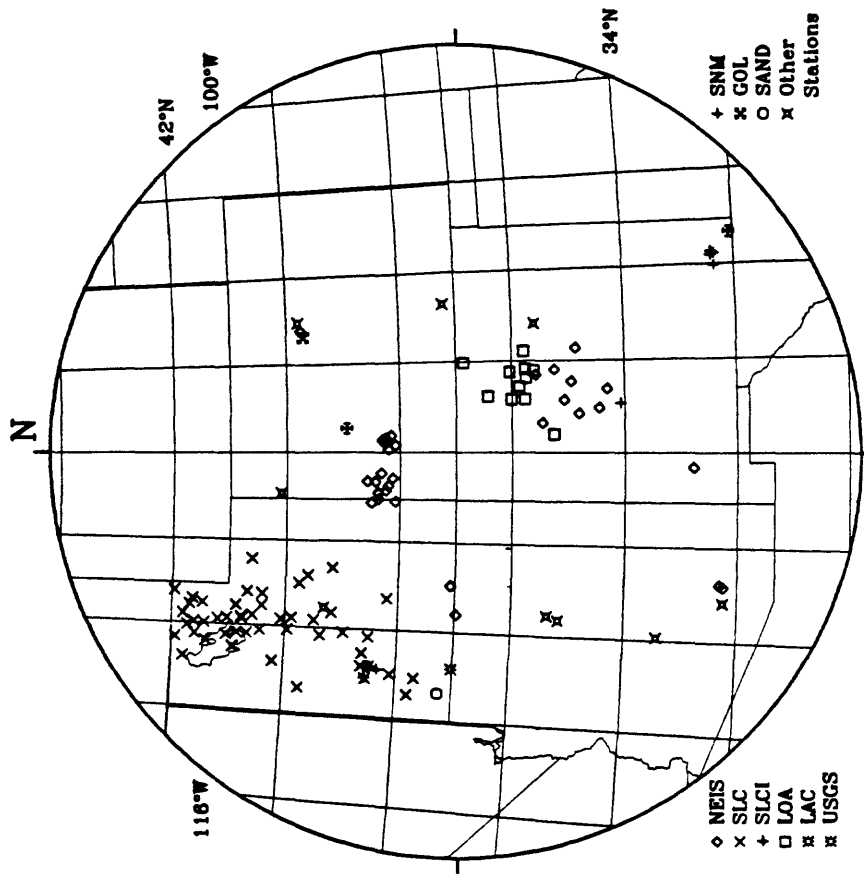
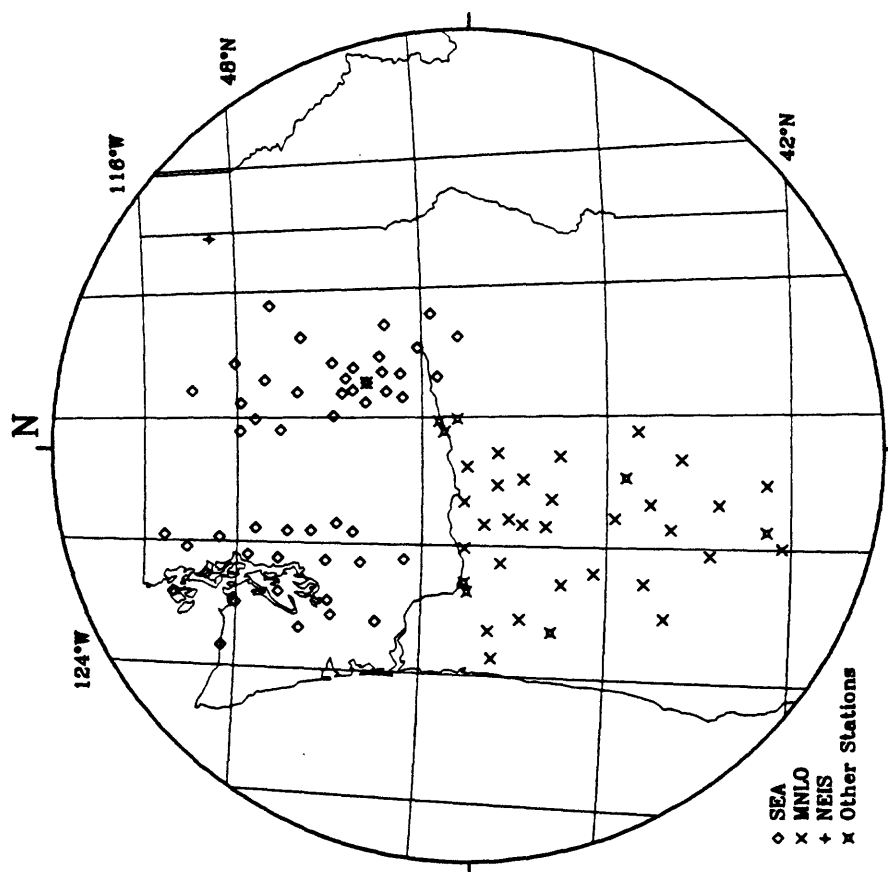


Figure 8

STATIONS IN  
WASHINGTON AND OREGON, U.S.A.  
CONTRIBUTING DATA TO NEIC



STATIONS IN NEVADA, U.S.A.  
CONTRIBUTING DATA TO NEIC

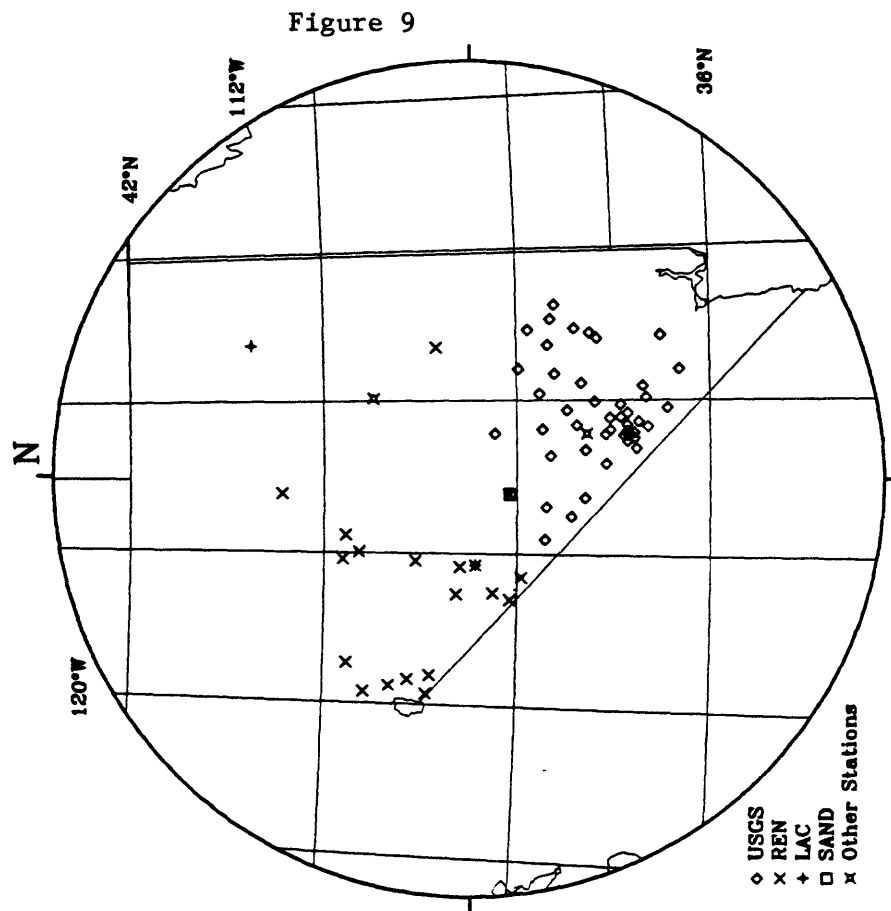
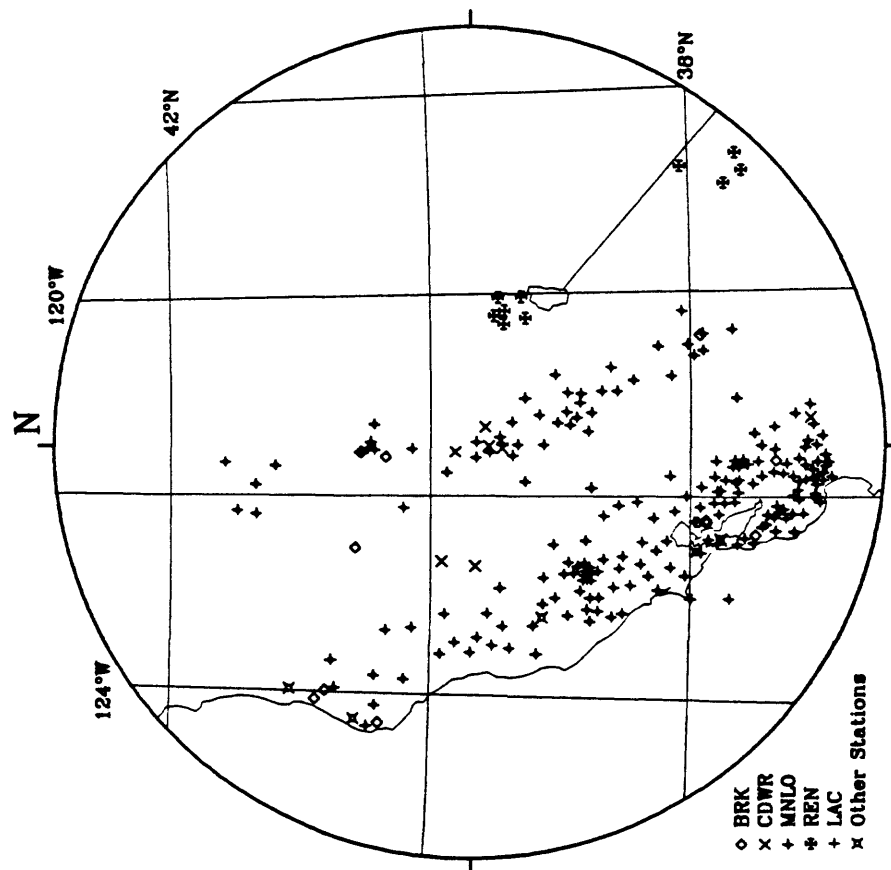


Figure 9

# STATIONS IN

NORTHERN CALIFORNIA, U.S.A.  
CONTRIBUTING DATA TO NEIC



# STATIONS IN

SOUTHERN CALIFORNIA, U.S.A.  
CONTRIBUTING DATA TO NEIC

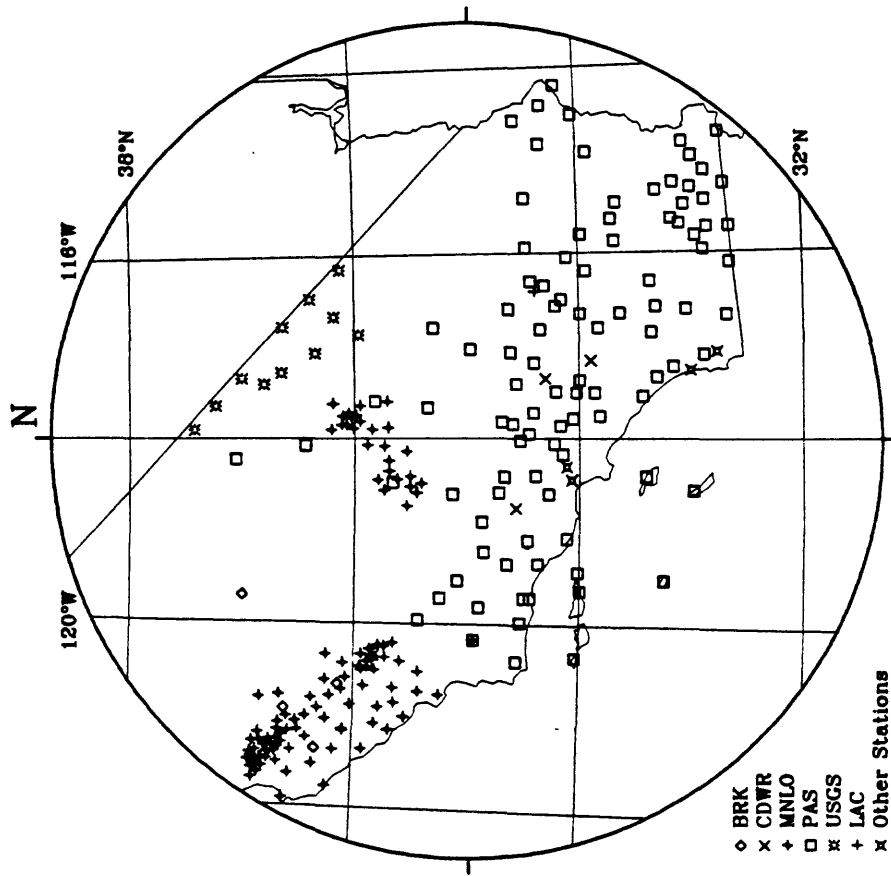
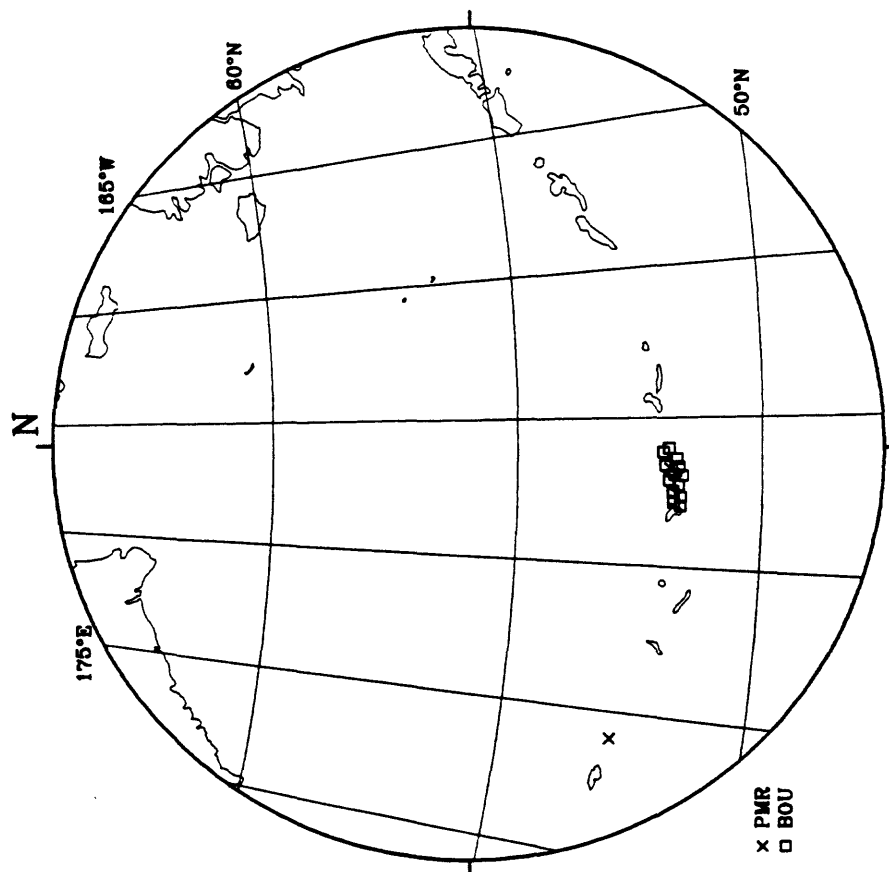


Figure 10

STATIONS IN ALEUTIAN ISLANDS,  
ALASKA, U.S.A.  
CONTRIBUTING DATA TO NEIC



STATIONS IN ALASKA, U.S.A.  
(EXCLUDING ALEUTIAN ISLANDS)  
CONTRIBUTING DATA TO NEIC

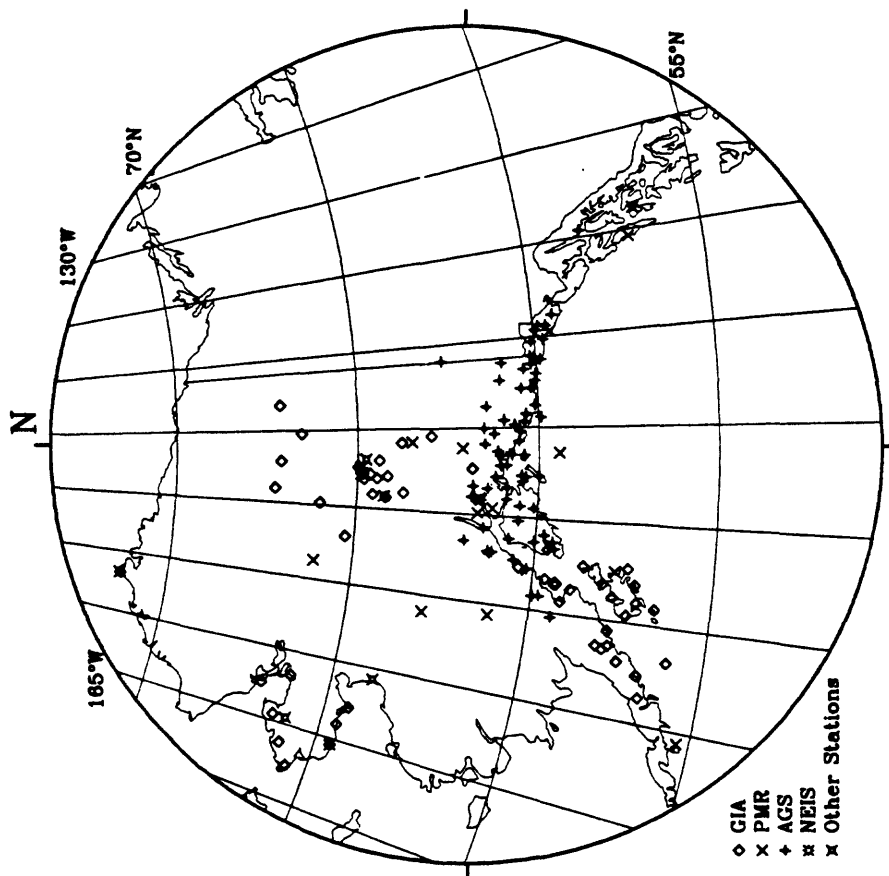
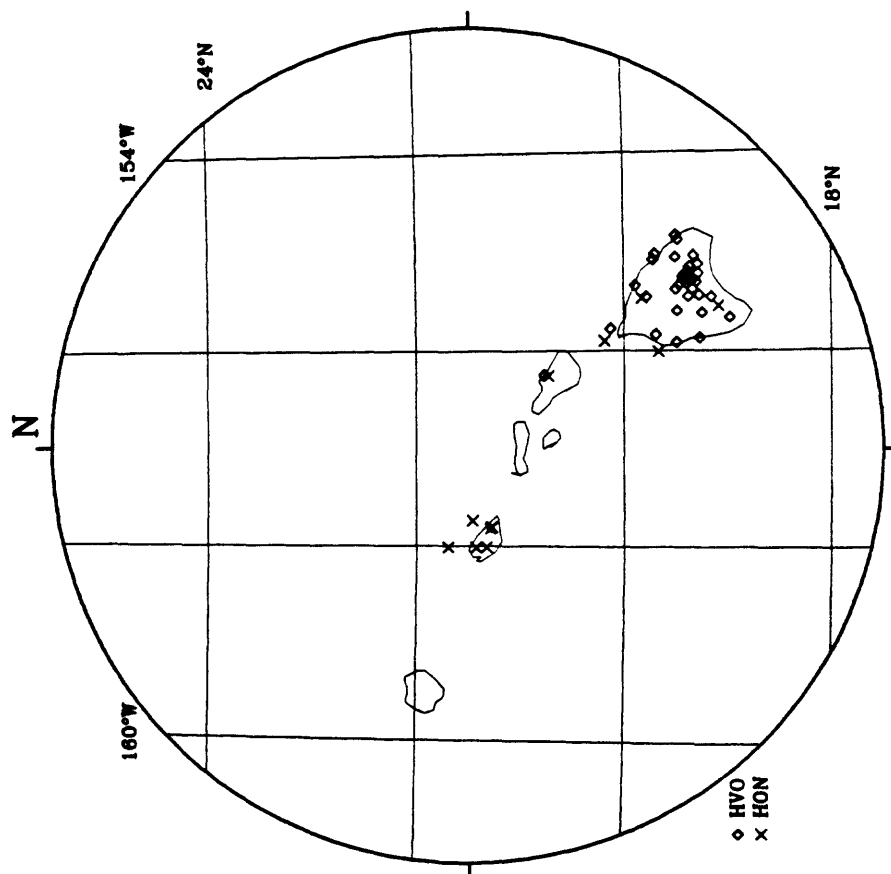


Figure 11

STATIONS IN THE  
HAWAIIAN ISLANDS, U.S.A.  
CONTRIBUTING DATA TO NEIC



STATIONS IN MEXICO  
CONTRIBUTING DATA TO NEIC

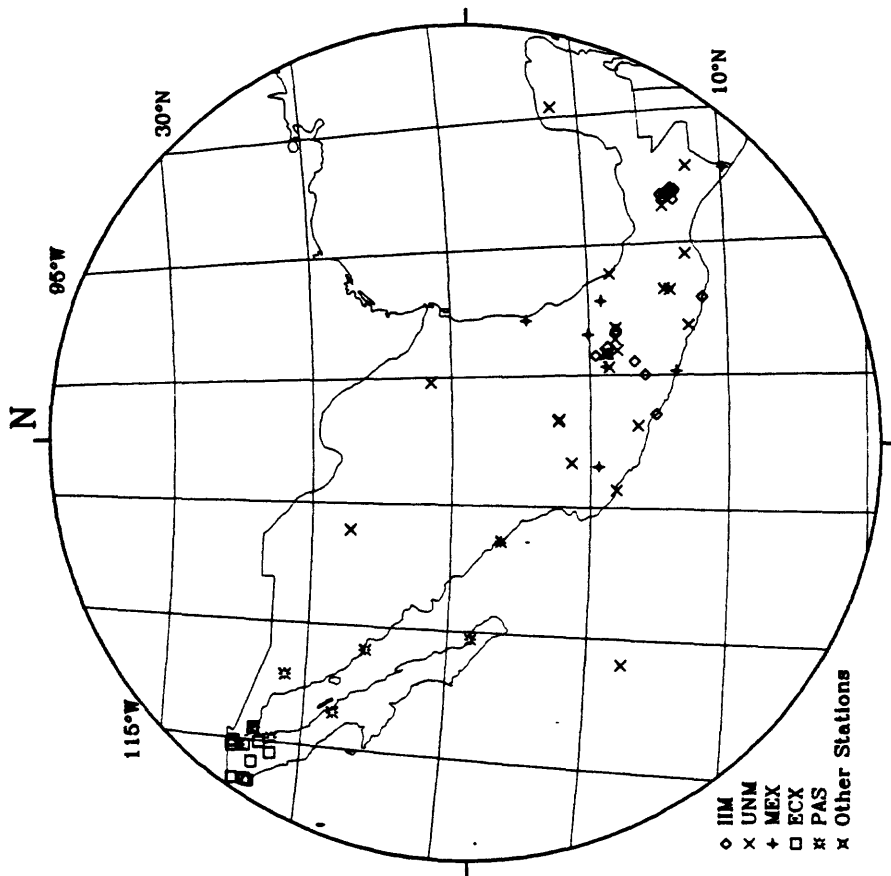
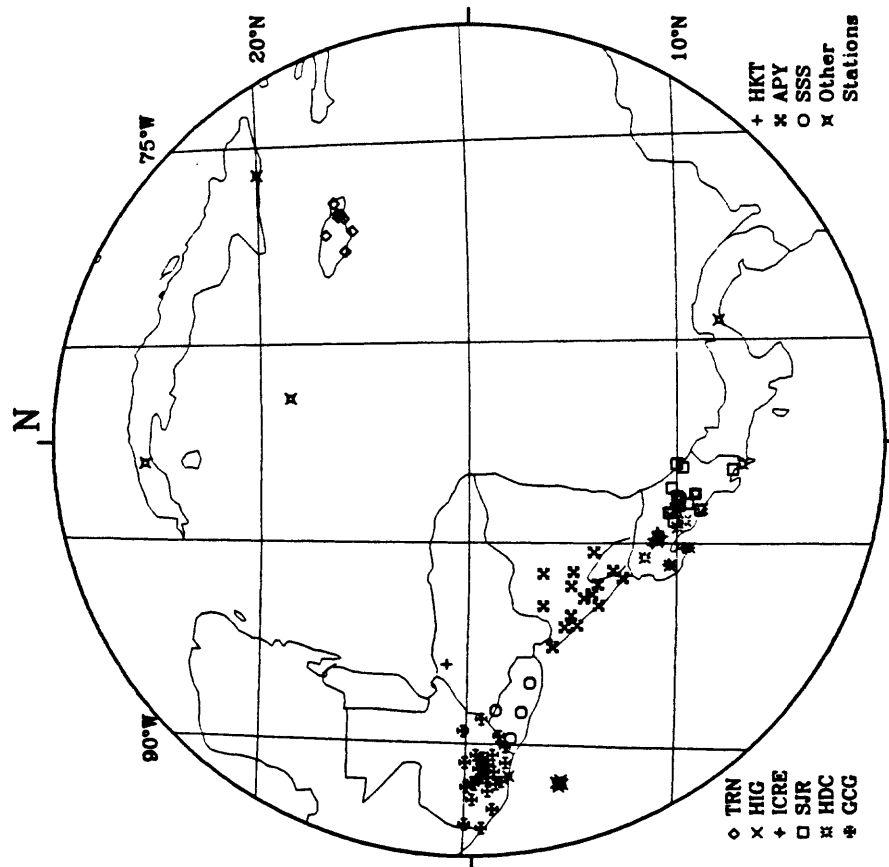


Figure 12

STATIONS IN CUBA, JAMAICA,  
CAYMAN AND CENTRAL AMERICA  
CONTRIBUTING DATA TO NEIC



STATIONS IN  
THE CARIBBEAN SEA REGION  
CONTRIBUTING DATA TO NEIC

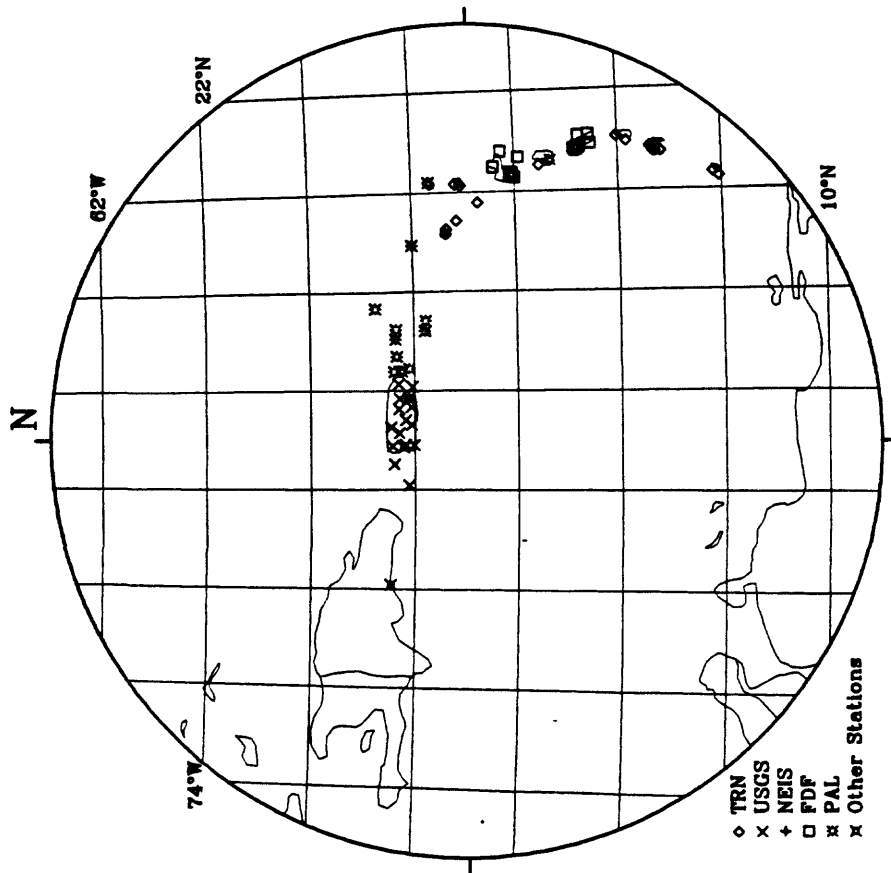
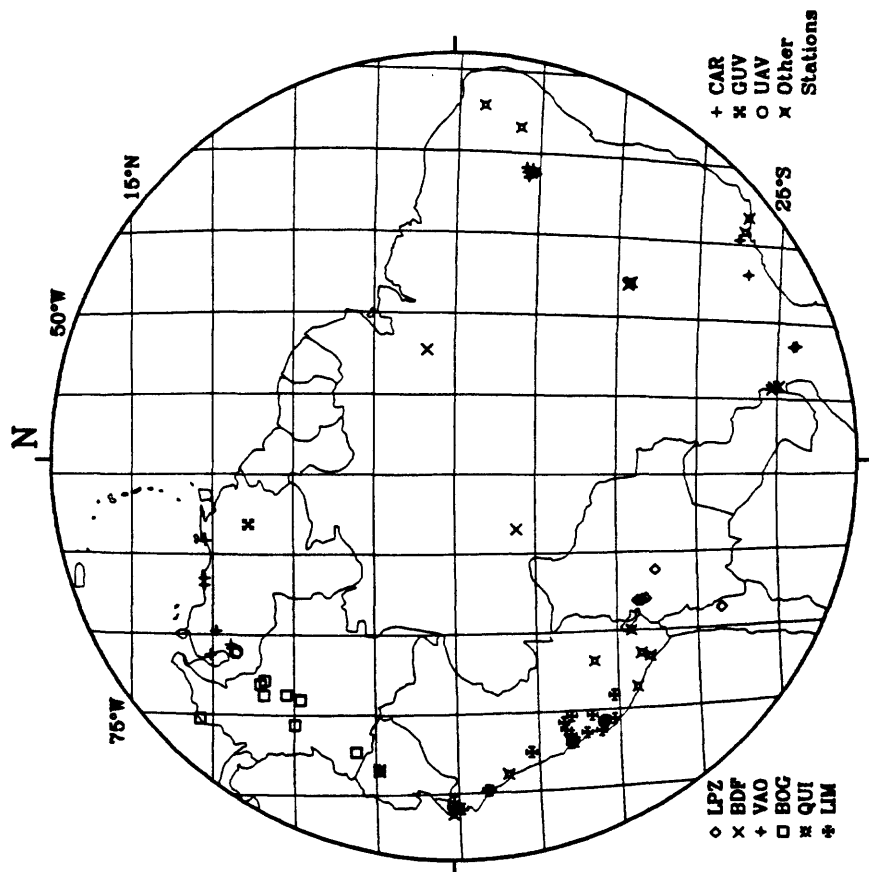


Figure 13

# STATIONS IN NORTHERN SOUTH AMERICA CONTRIBUTING DATA TO NEIC



# STATIONS IN SOUTHERN SOUTH AMERICA CONTRIBUTING DATA TO NEIC

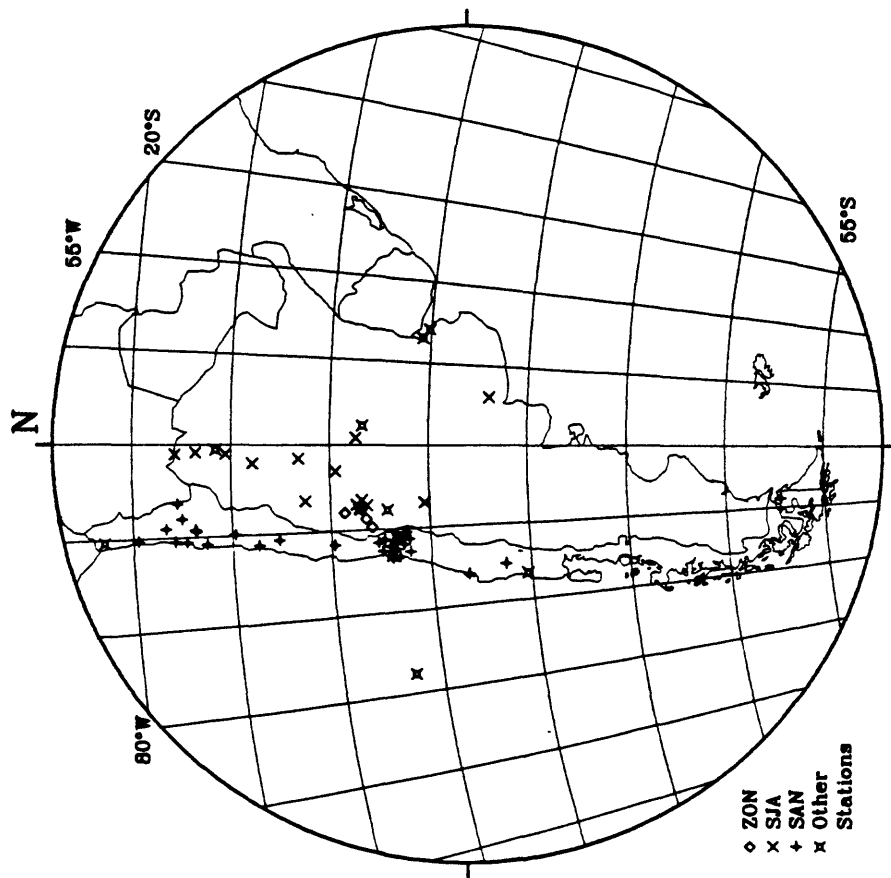
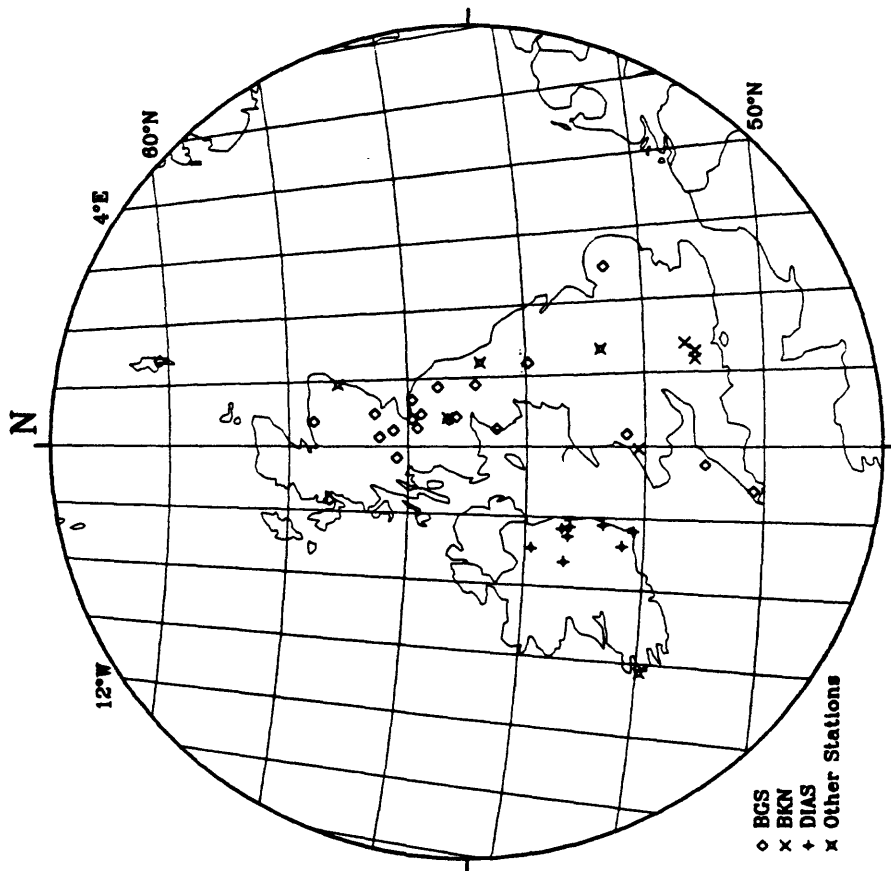


Figure 14

# STATIONS IN EIRE AND THE UNITED KINGDOM CONTRIBUTING DATA TO NEIC



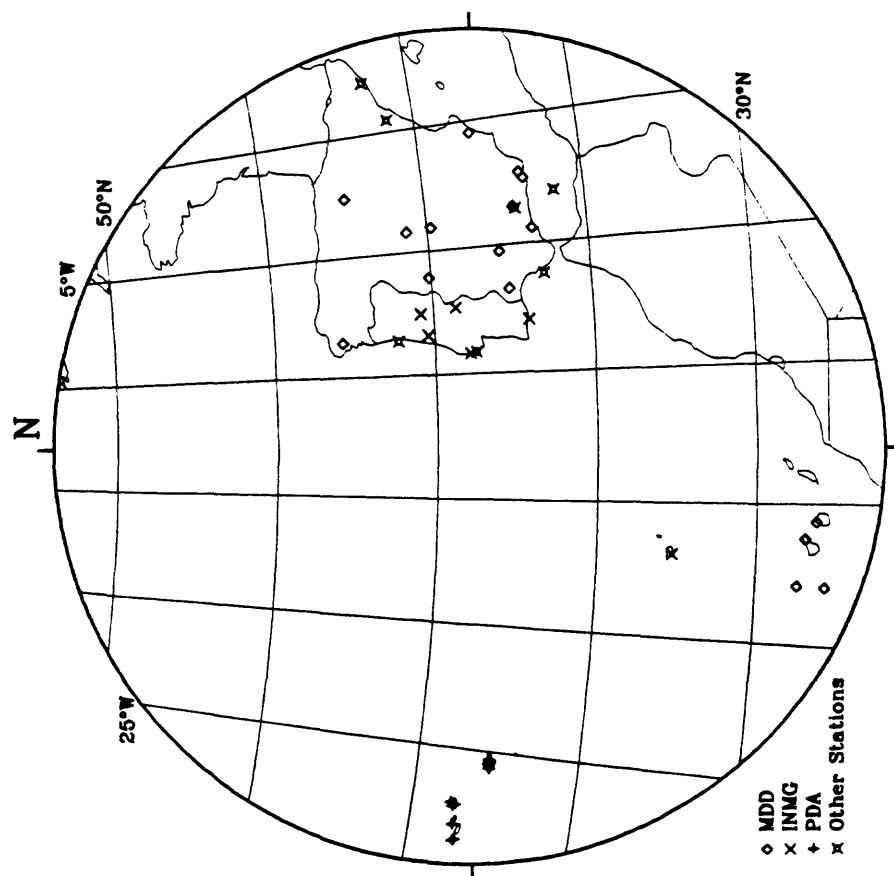
# STATIONS IN SCANDINAVIA CONTRIBUTING DATA TO NEIC



Figure 15



STATIONS IN THE AZORES, SPAIN,  
PORTUGAL AND CANARY ISLANDS  
CONTRIBUTING DATA TO NEIC



STATIONS IN  
FRANCE AND MONACO  
CONTRIBUTING DATA TO NEIC

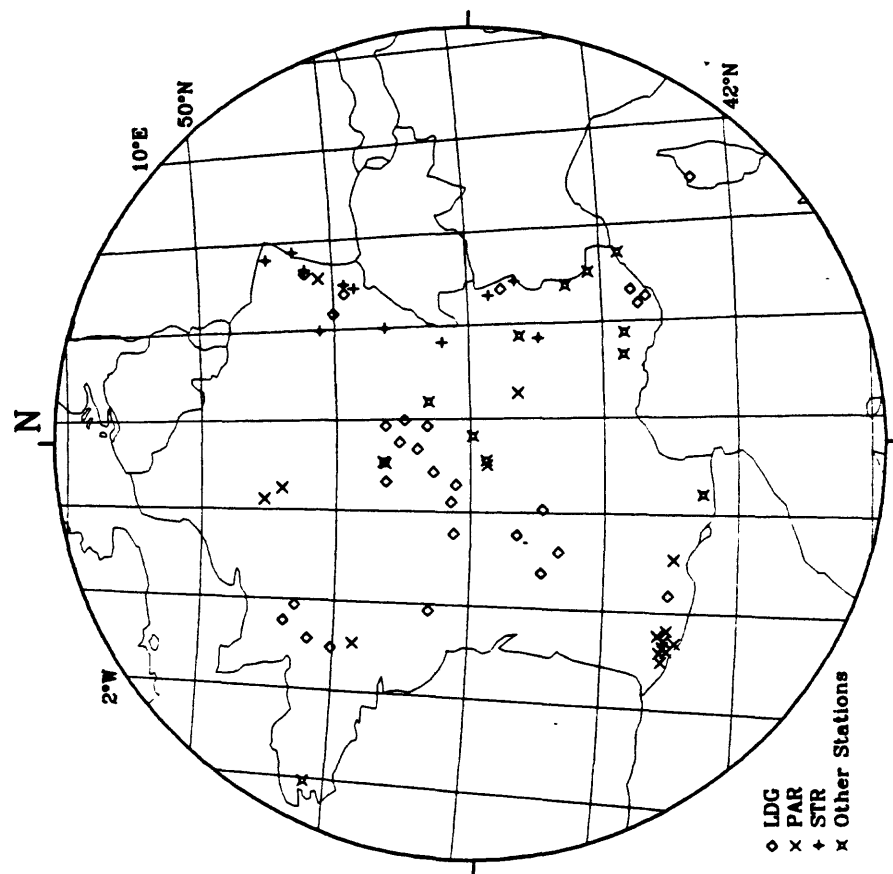
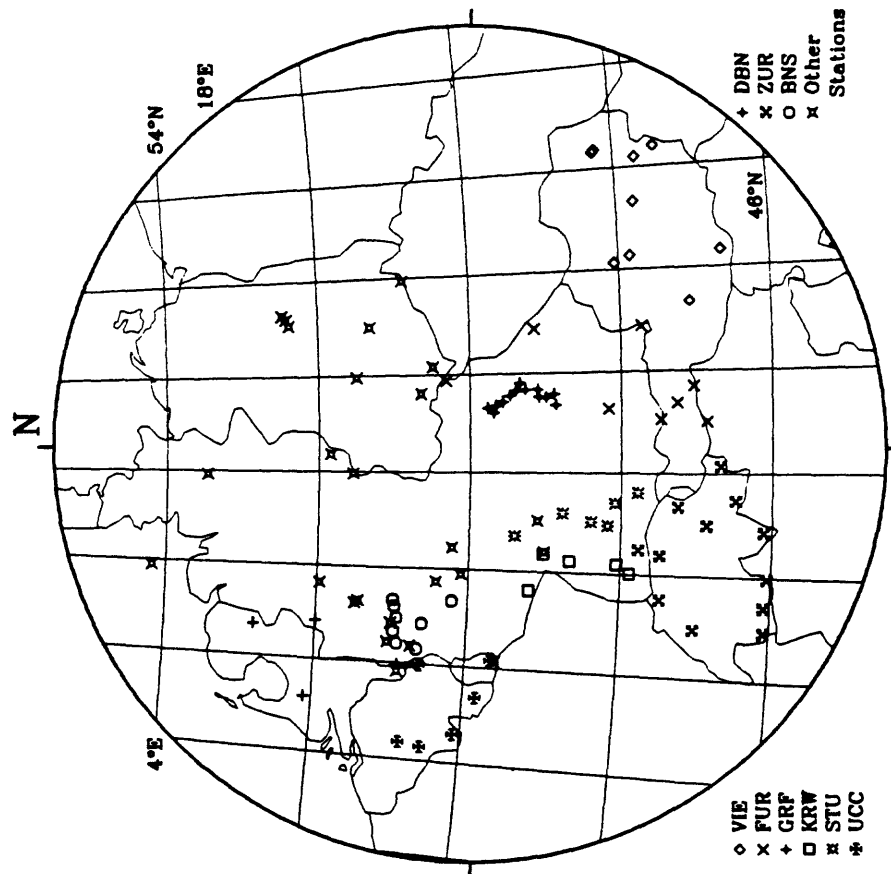


Figure 16

# STATIONS IN CENTRAL EUROPE CONTRIBUTING DATA TO NEIC



# STATIONS IN ITALY AND MALTA CONTRIBUTING DATA TO NEIC

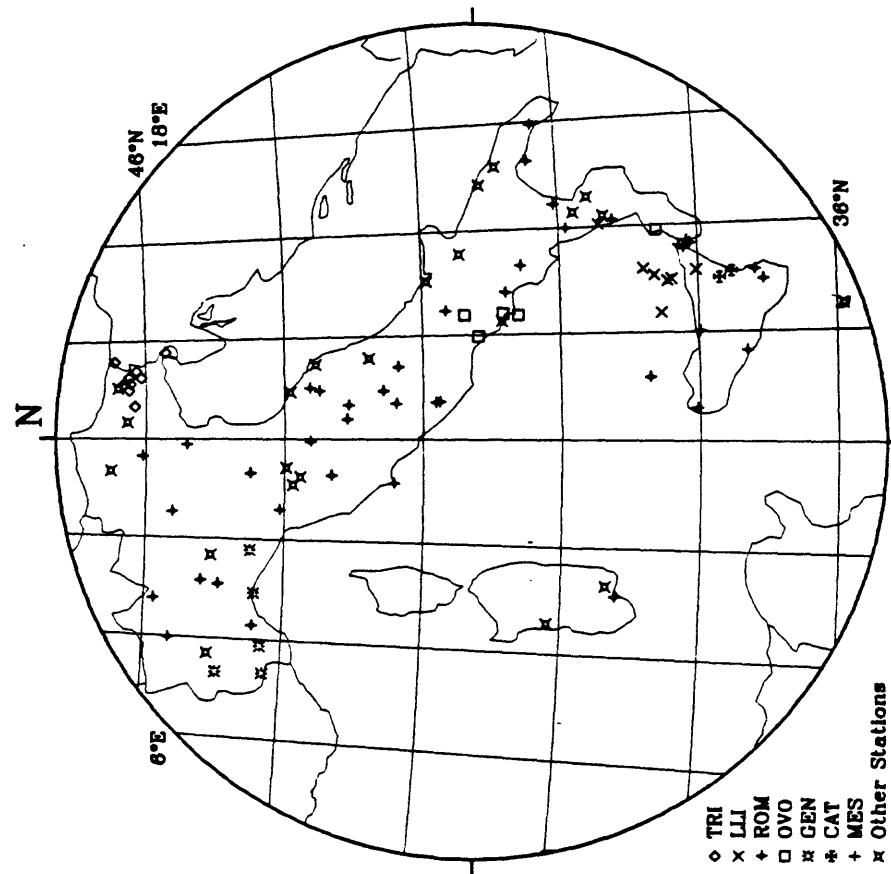
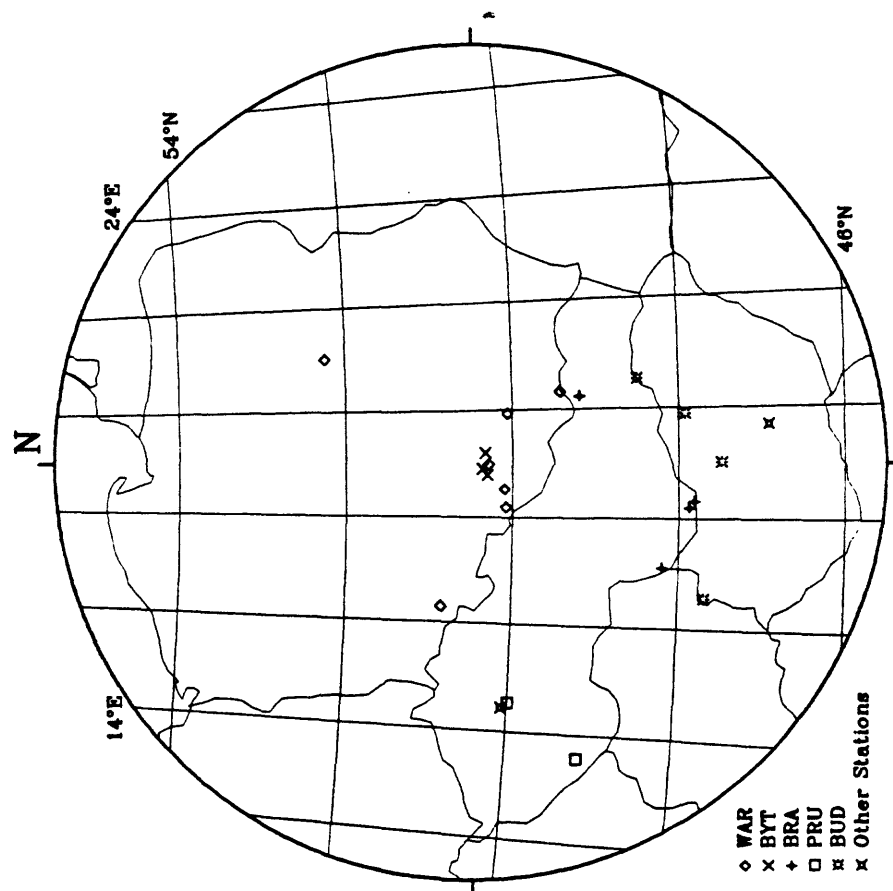


Figure 17

STATIONS IN HUNGARY,  
CZECHOSLOVAKIA AND POLAND  
CONTRIBUTING DATA TO NEIC



STATIONS IN GREECE AND  
THE BALKAN REGION  
CONTRIBUTING DATA TO NEIC

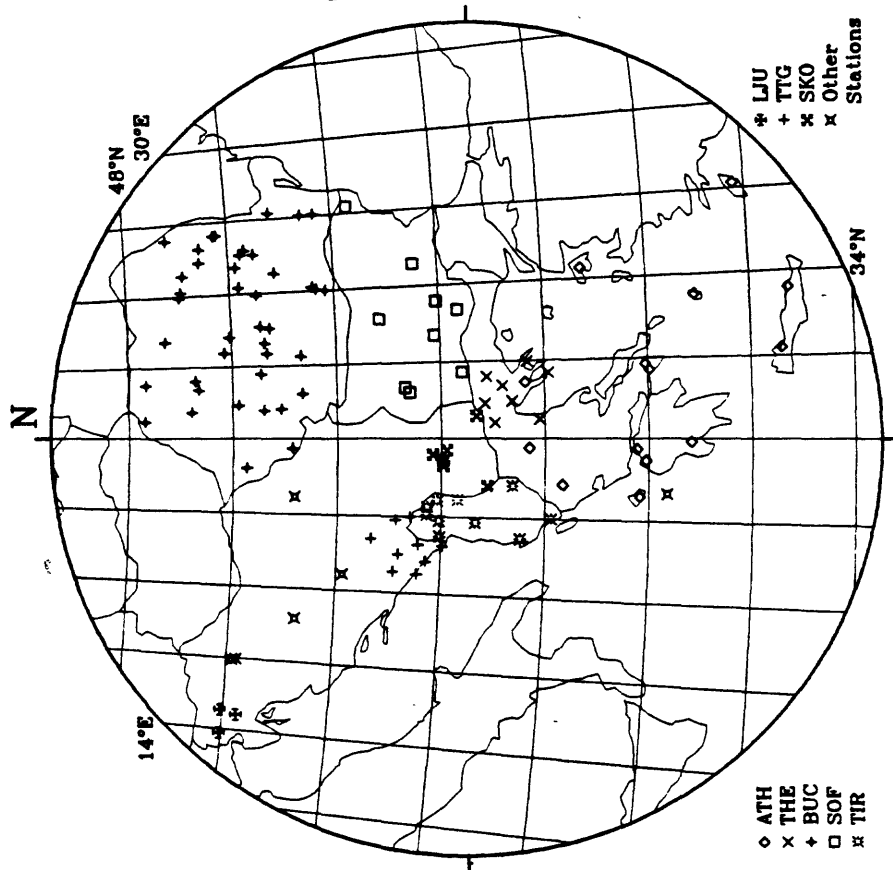
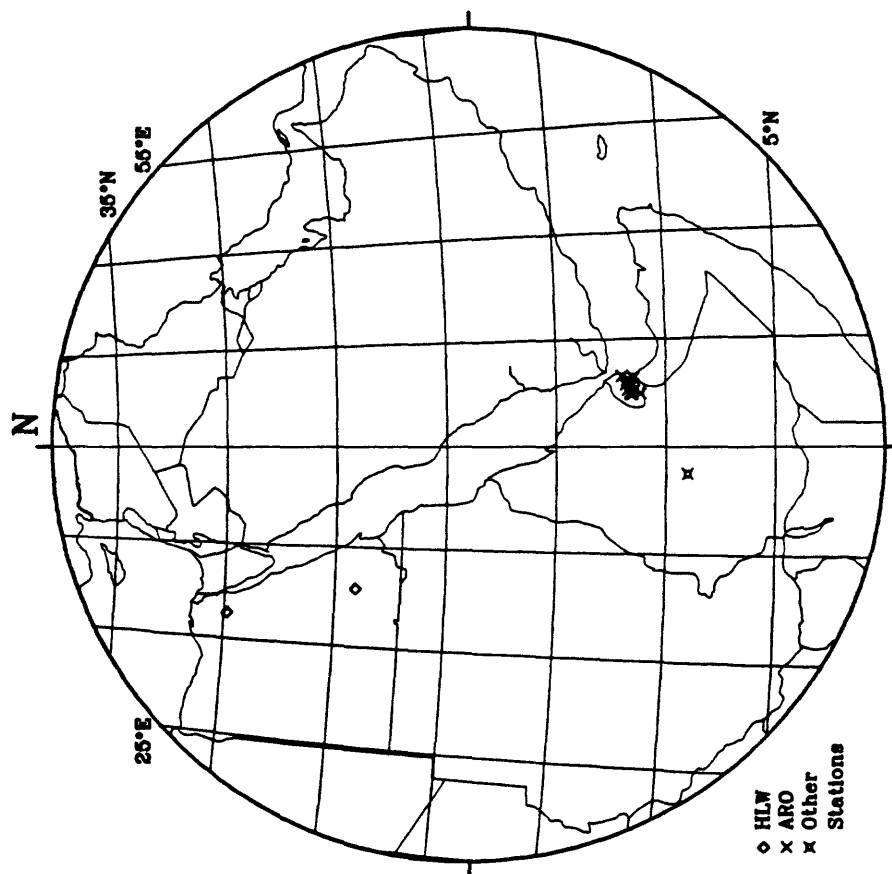


Figure 18

# STATIONS IN ARABIA AND NORTHEASTERN AFRICA CONTRIBUTING DATA TO NEIC



# STATIONS IN TURKEY AND THE MIDDLE EAST CONTRIBUTING DATA TO NEIC

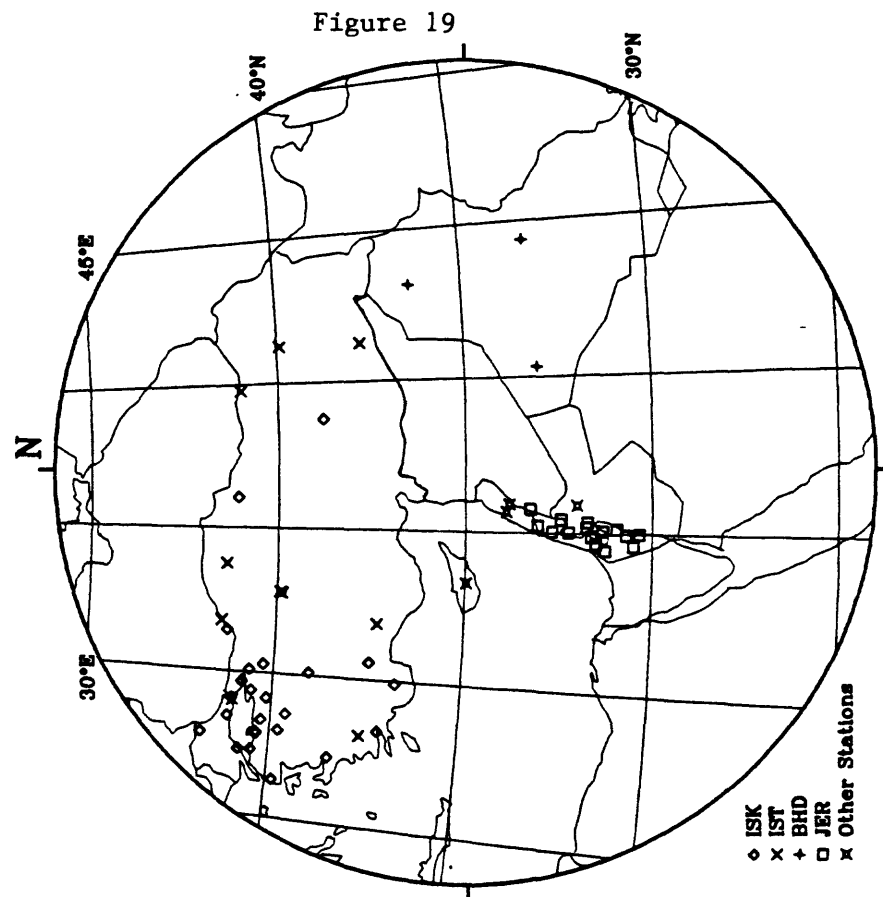
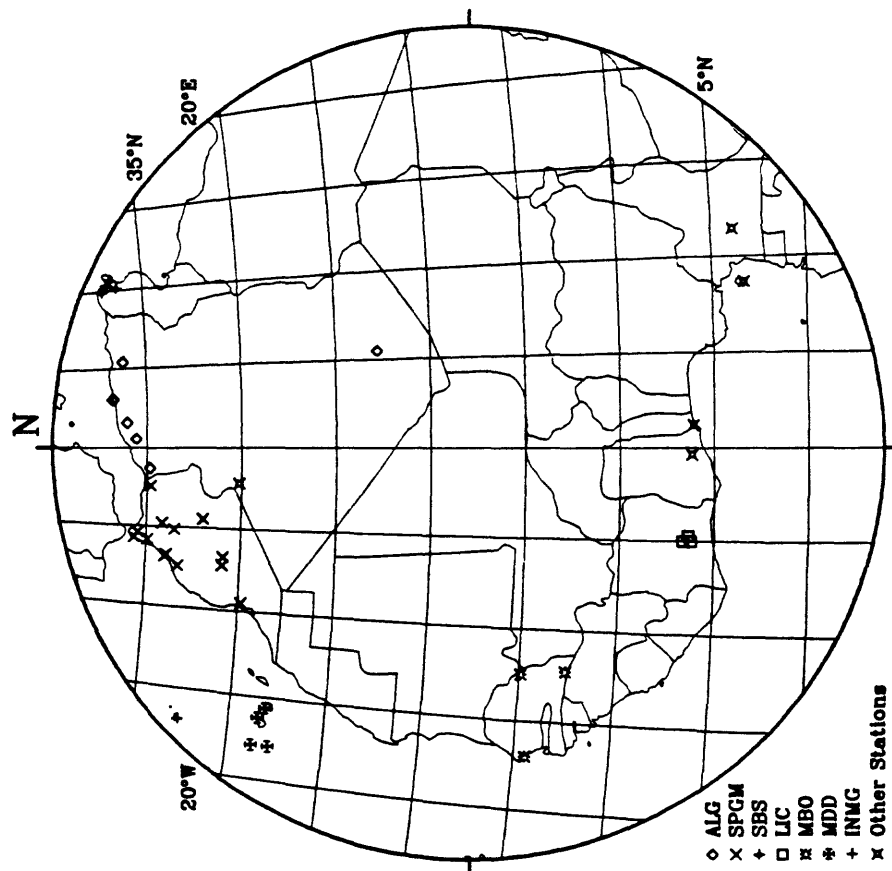


Figure 19

# STATIONS IN NORTHWESTERN AFRICA CONTRIBUTING DATA TO NEIC



# STATIONS IN SOUTHERN AFRICA CONTRIBUTING DATA TO NEIC

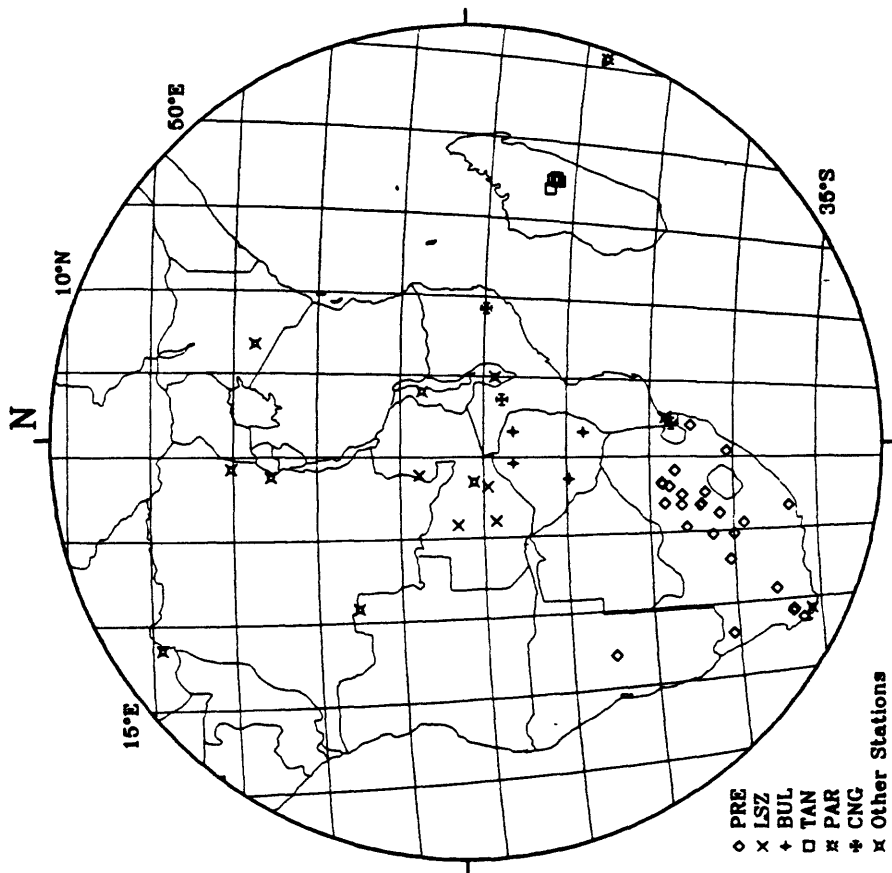
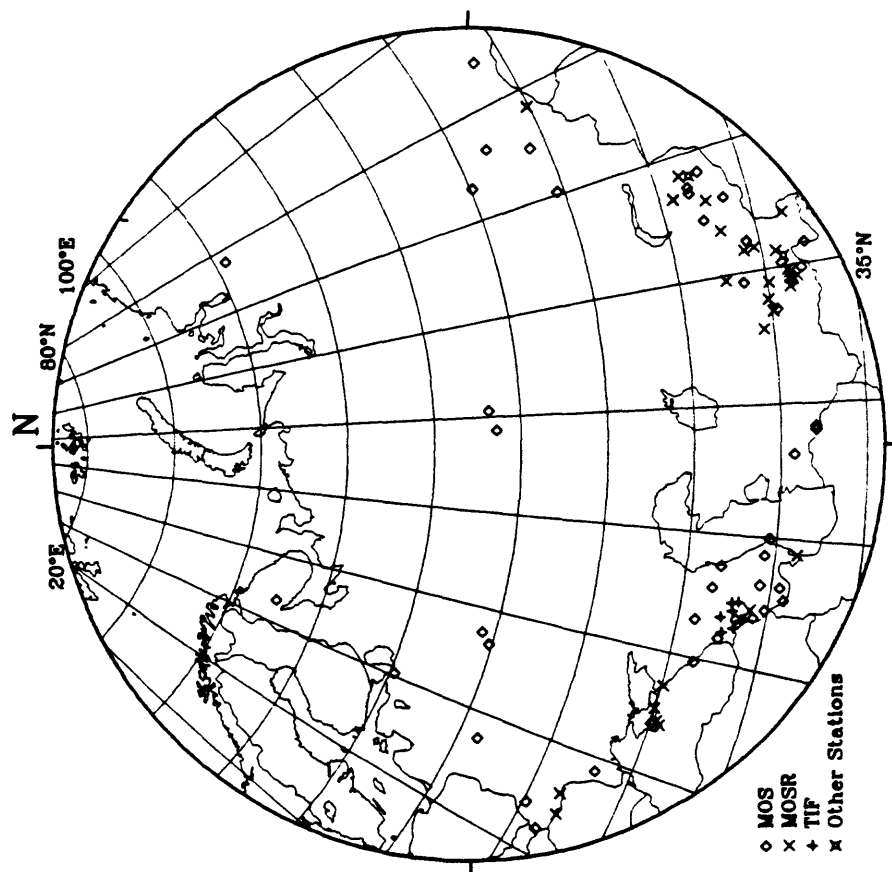


Figure 20

# STATIONS IN WESTERN U.S.S.R. CONTRIBUTING DATA TO NEIC



# STATIONS IN EASTERN U.S.S.R. CONTRIBUTING DATA TO NEIC

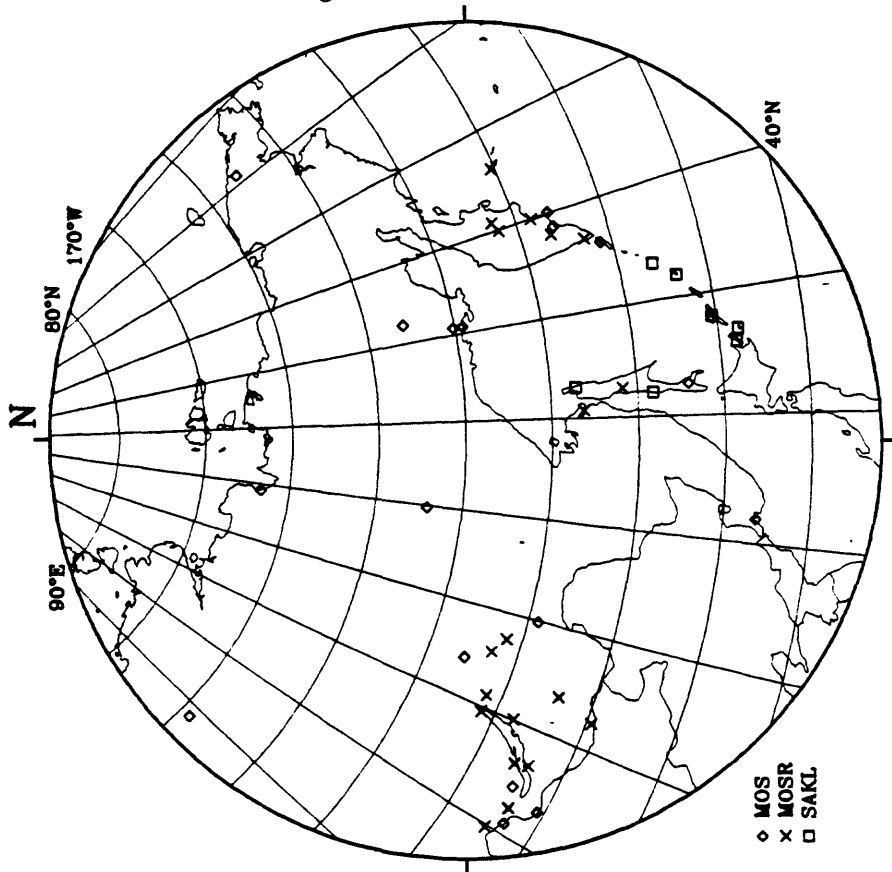
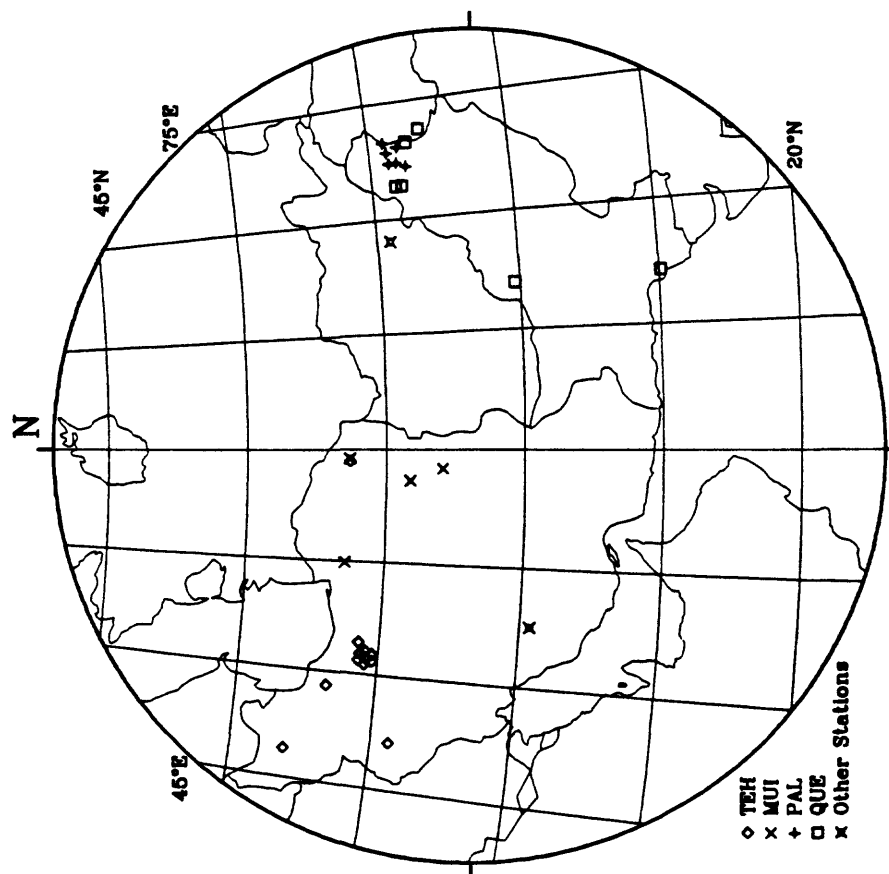


Figure 21

STATIONS IN AFGHANISTAN,  
PAKISTAN AND IRAN  
CONTRIBUTING DATA TO NEIC



STATIONS IN INDIA, NEPAL,  
BANGLADESH AND SRI LANKA  
CONTRIBUTING DATA TO NEIC

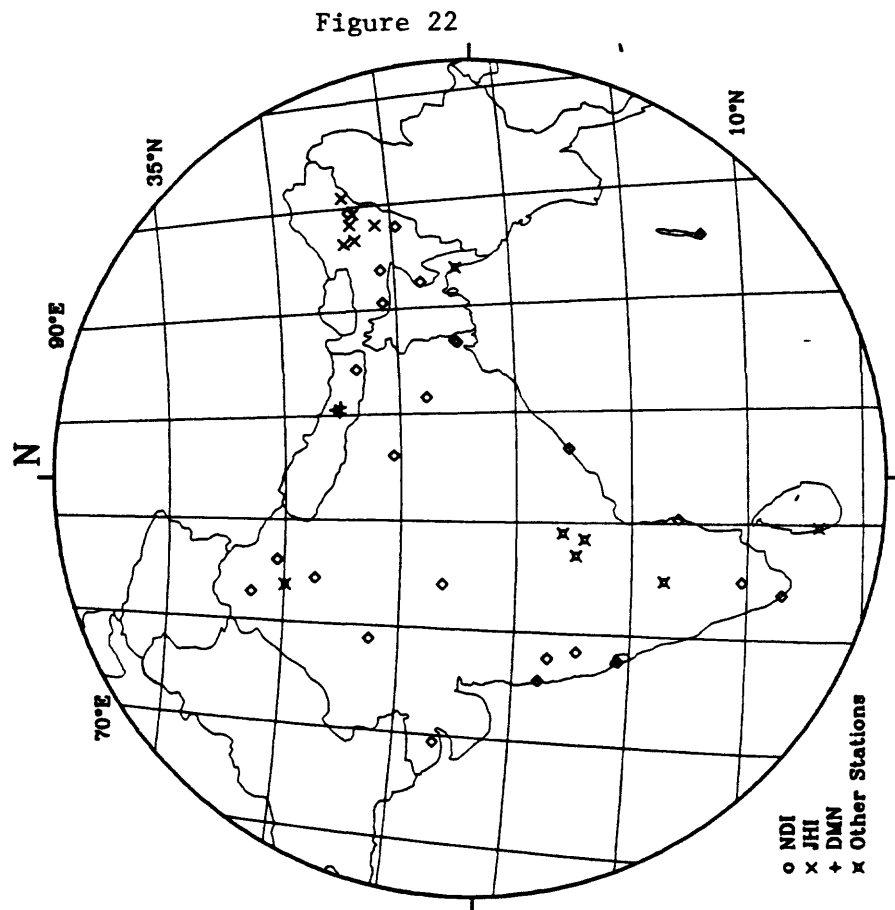
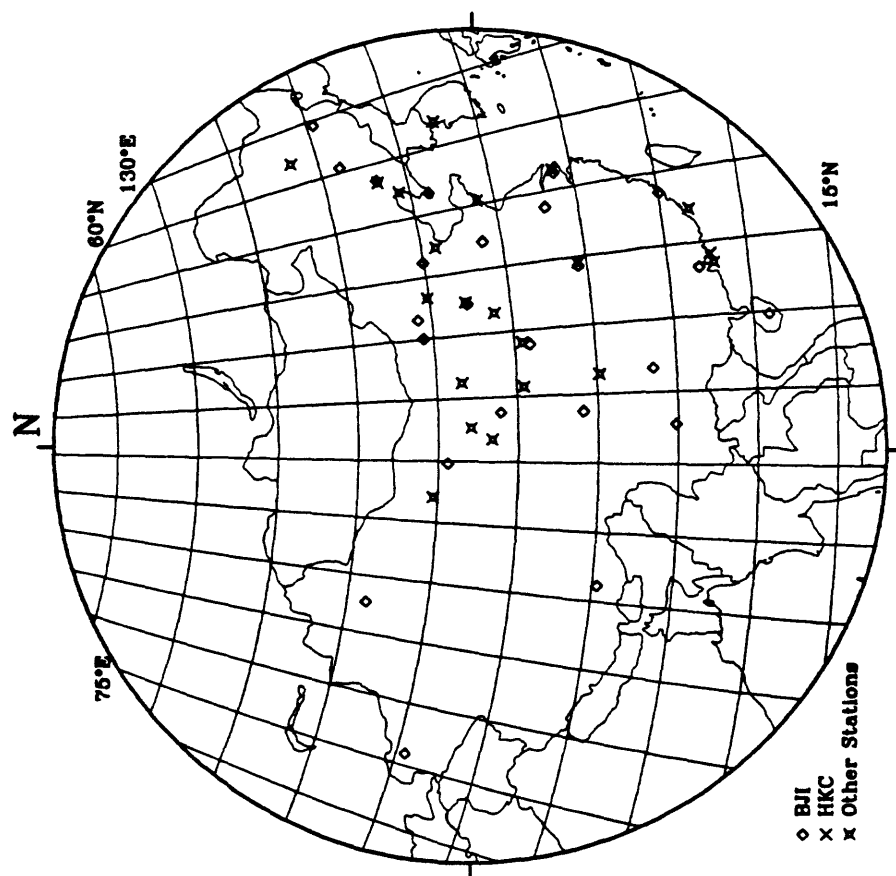


Figure 22

STATIONS IN CHINA, MONGOLIA,  
KOREA, HONG KONG AND MACAU  
CONTRIBUTING DATA TO NEIC



STATIONS IN  
SOUTHEAST ASIA  
CONTRIBUTING DATA TO NEIC

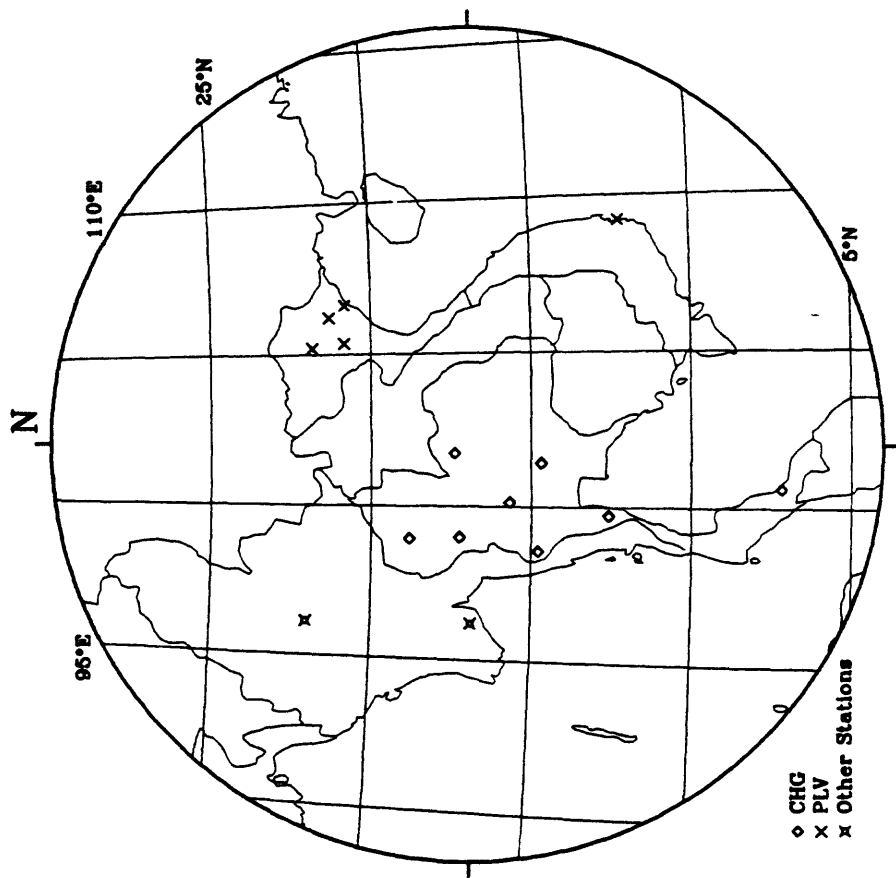
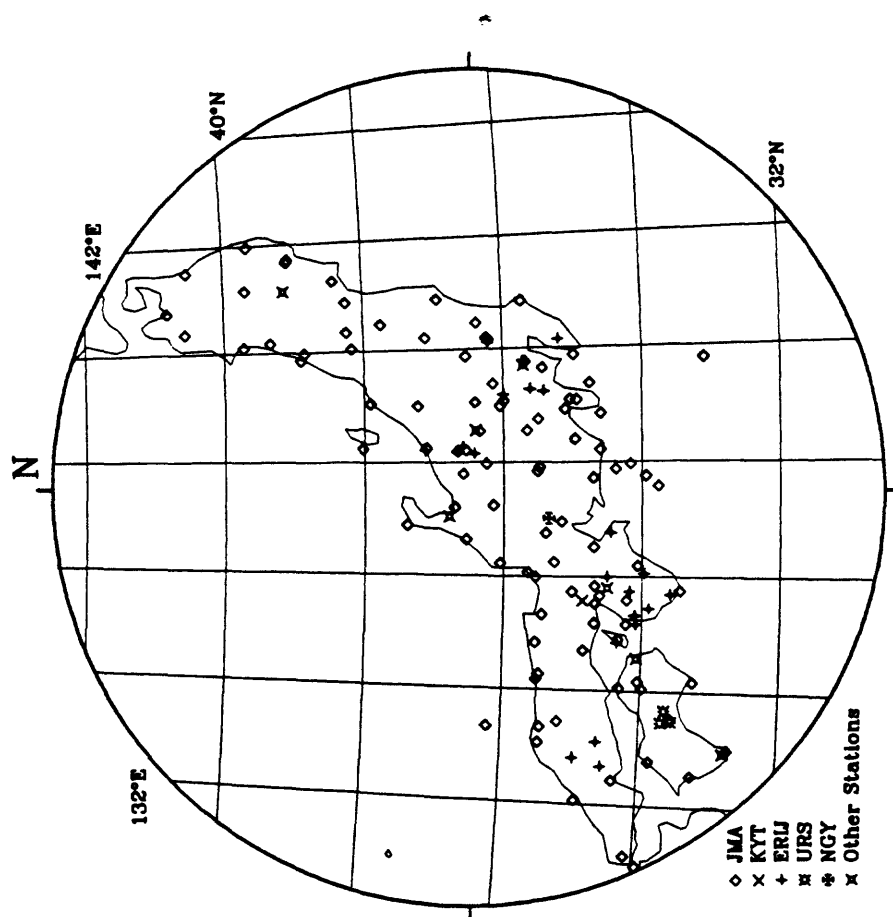


Figure 23



# STATIONS IN HONSHU AND SHIKOKU, JAPAN CONTRIBUTING DATA TO NEIC



# STATIONS IN HOKKAIDO, JAPAN CONTRIBUTING DATA TO NEIC

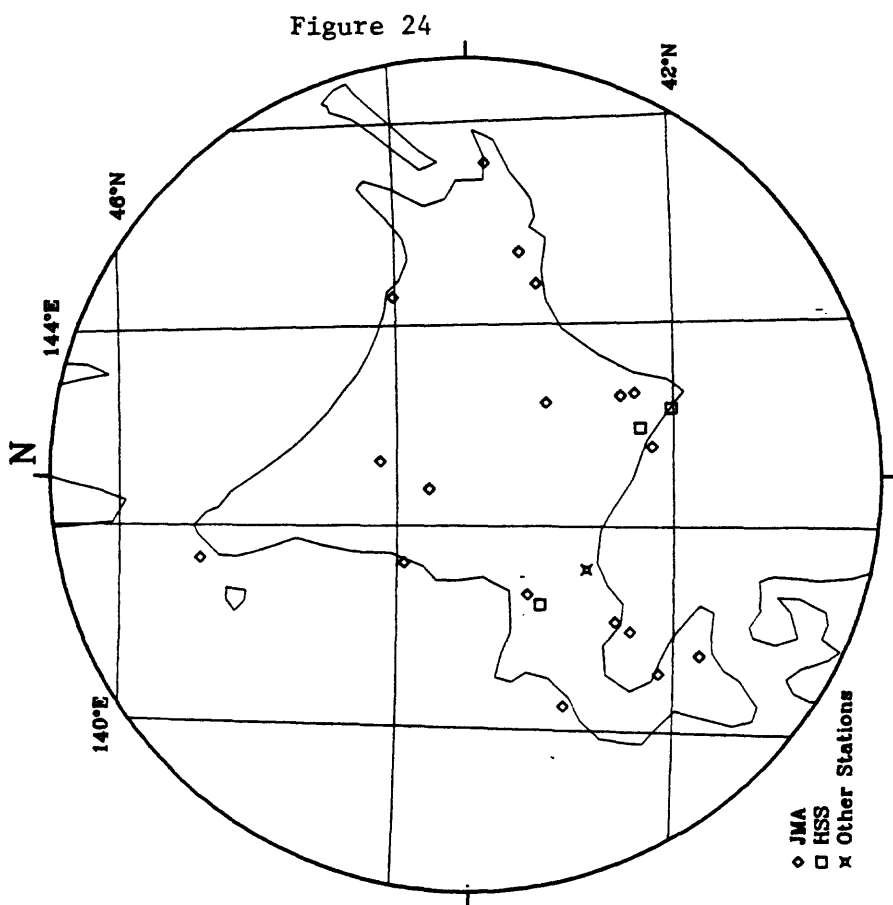
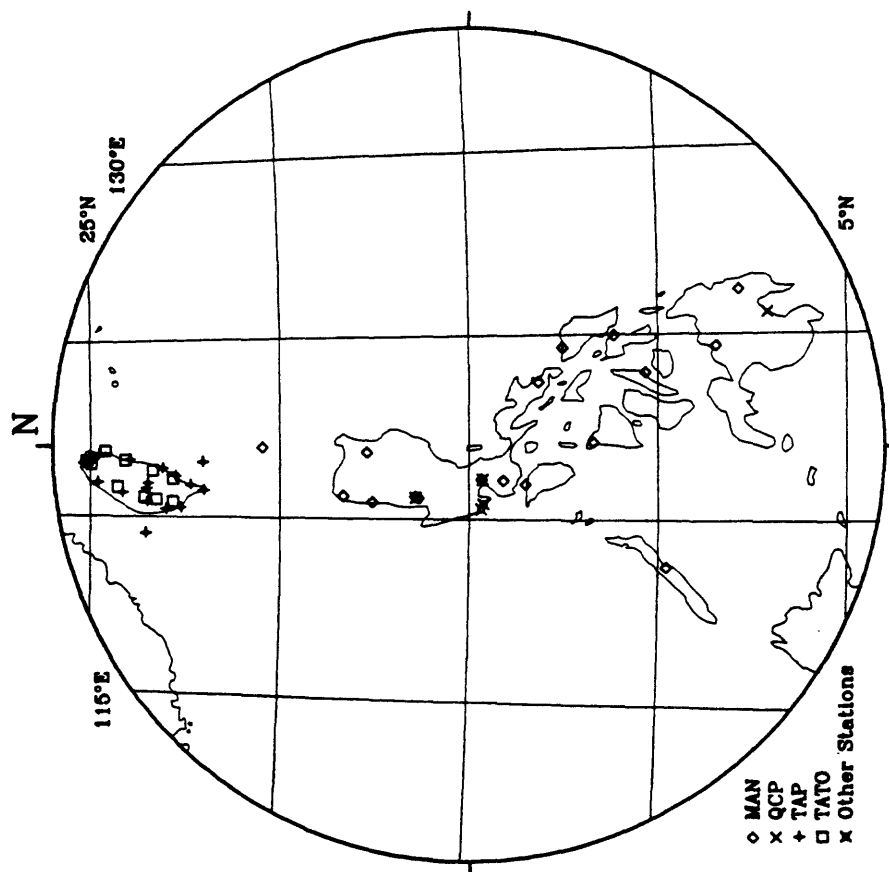


Figure 24

STATIONS IN TAIWAN  
AND THE PHILIPPINE ISLANDS  
CONTRIBUTING DATA TO NEIC



STATIONS IN KYUSHU  
AND THE RYUKYU ISLANDS, JAPAN  
CONTRIBUTING DATA TO NEIC

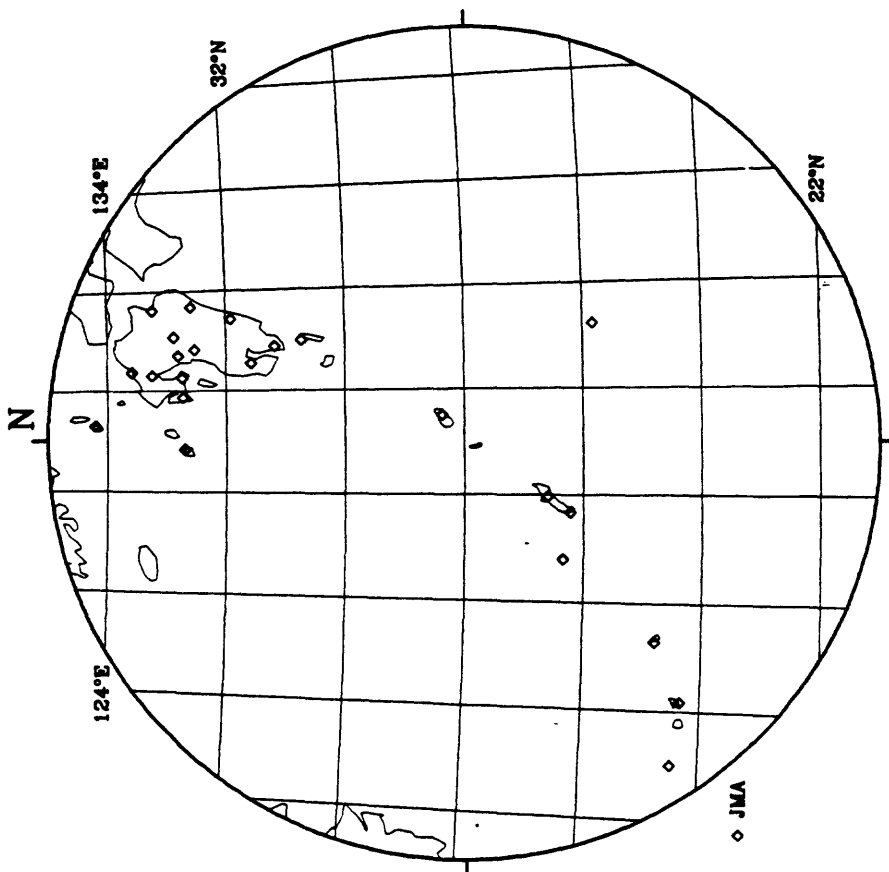
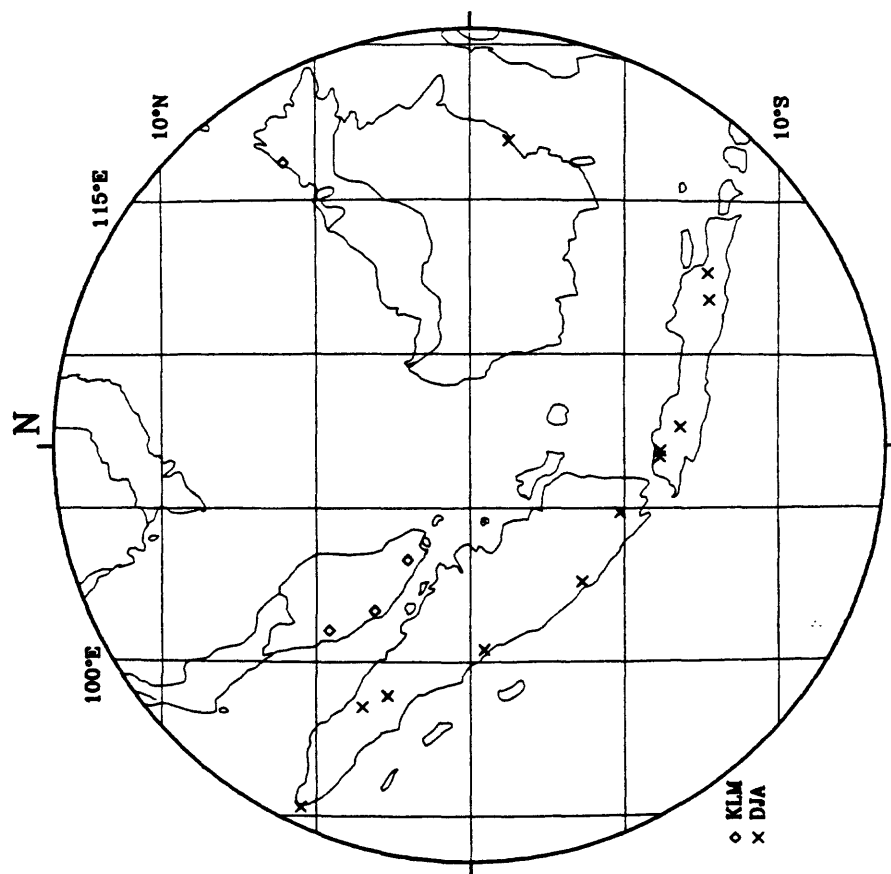


Figure 25

STATIONS IN MALAYSIA  
AND WESTERN INDONESIA  
CONTRIBUTING DATA TO NEIC



STATIONS IN  
EASTERN INDONESIA  
CONTRIBUTING DATA TO NEIC

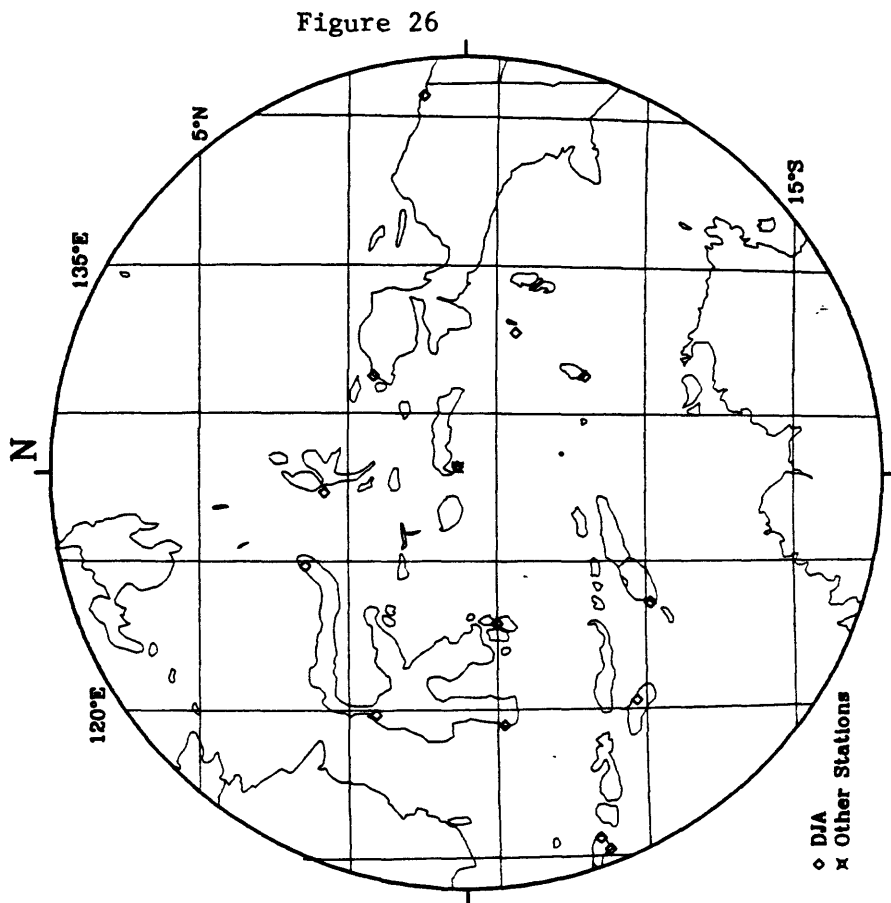
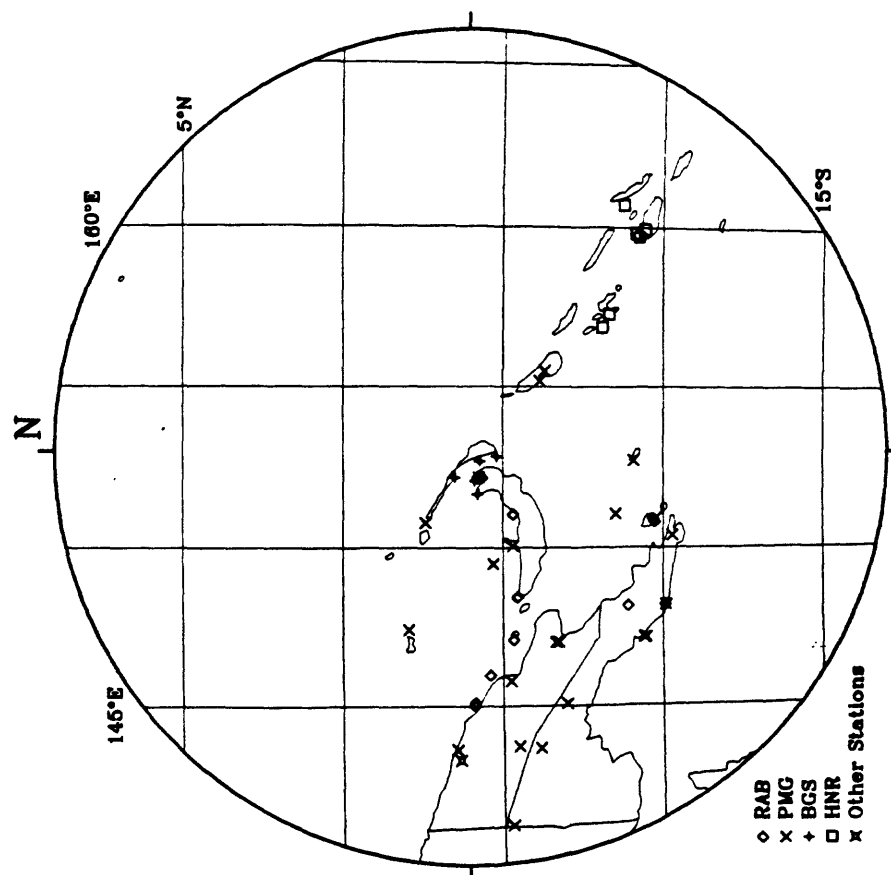


Figure 26

# STATIONS IN PAPUA NEW GUINEA AND THE SOLOMON ISLANDS CONTRIBUTING DATA TO NEIC



# STATIONS IN THE FIJI REGION CONTRIBUTING DATA TO NEIC

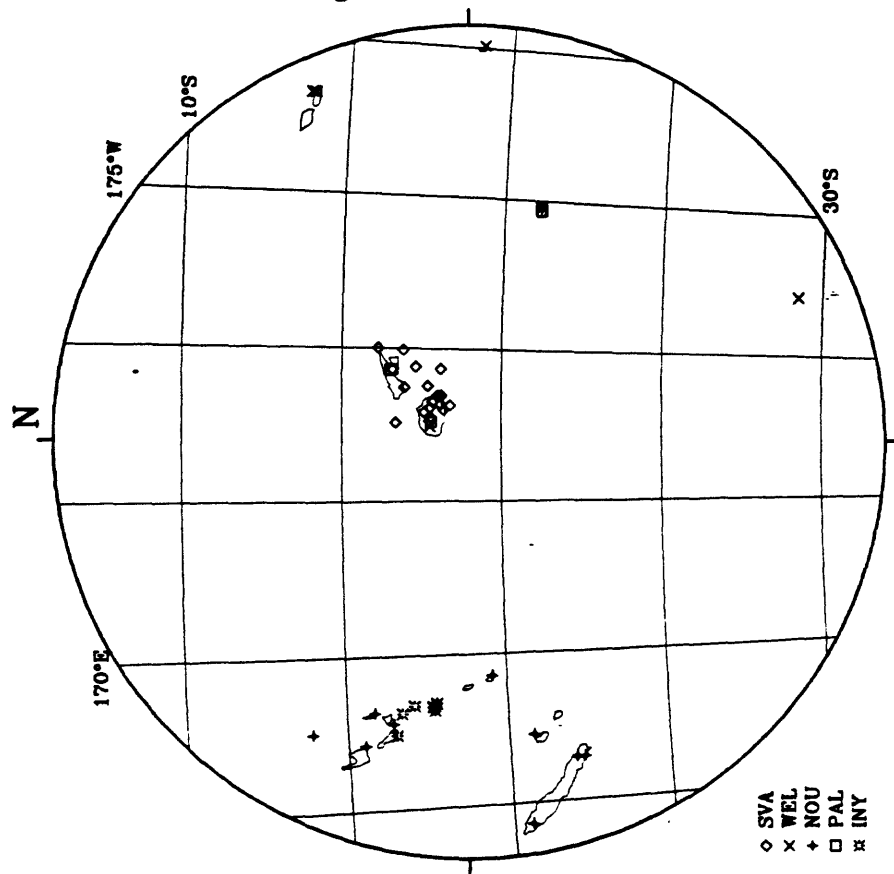
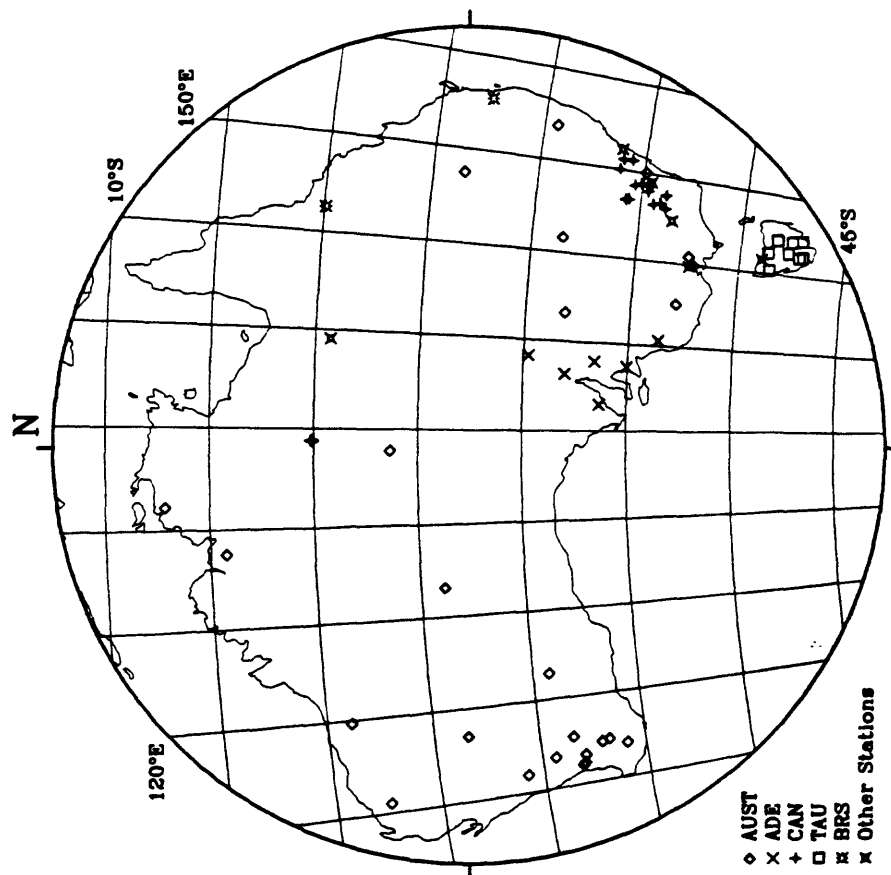


Figure 27

# STATIONS IN AUSTRALIA CONTRIBUTING DATA TO NEIC



# STATIONS IN NEW ZEALAND CONTRIBUTING DATA TO NEIC

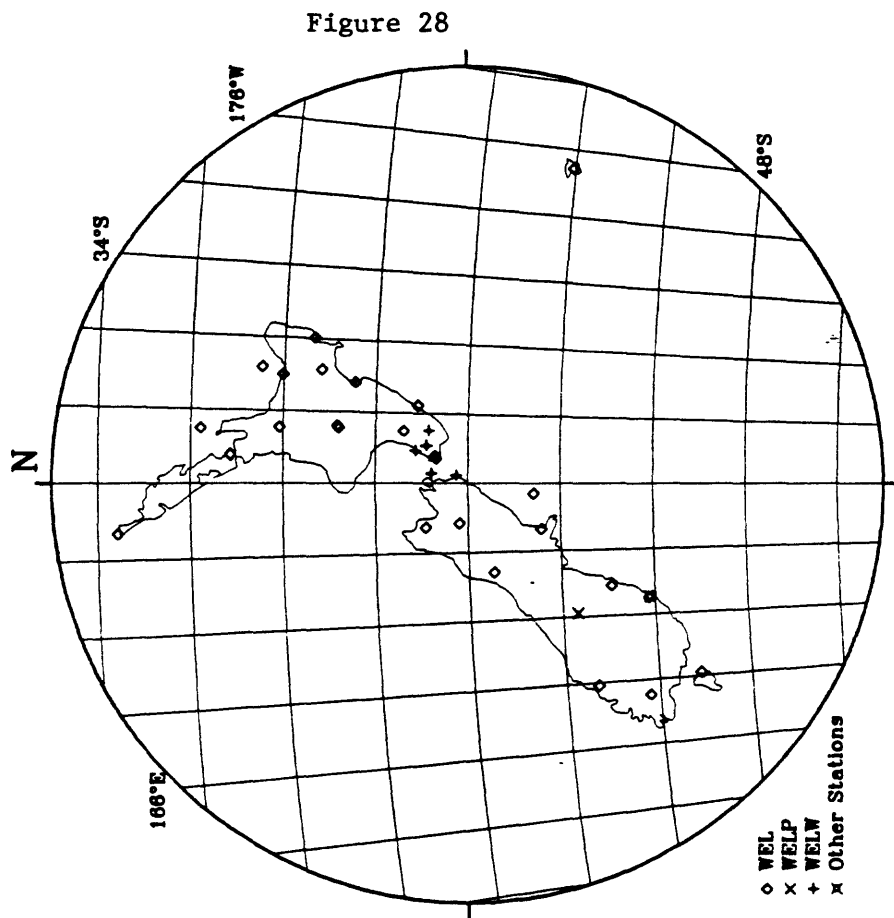
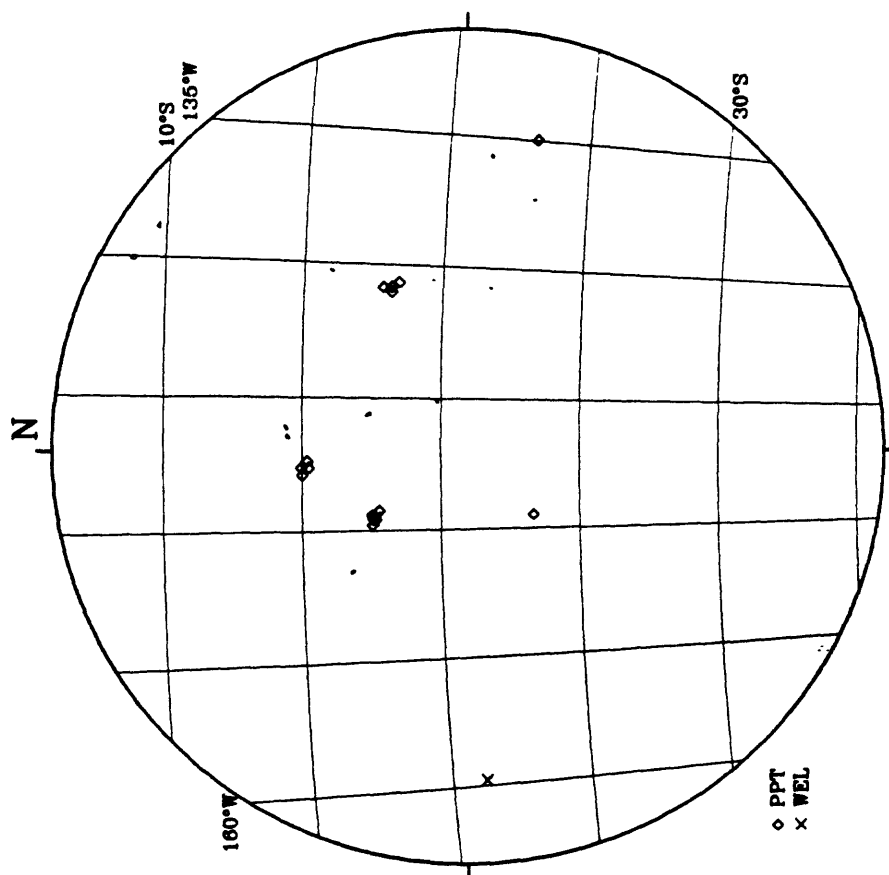


Figure 28

# STATIONS IN FRENCH POLYNESIA AND RAROTONGA CONTRIBUTING DATA TO NEIC



# STATIONS IN ANTARCTICA CONTRIBUTING DATA TO NEIC

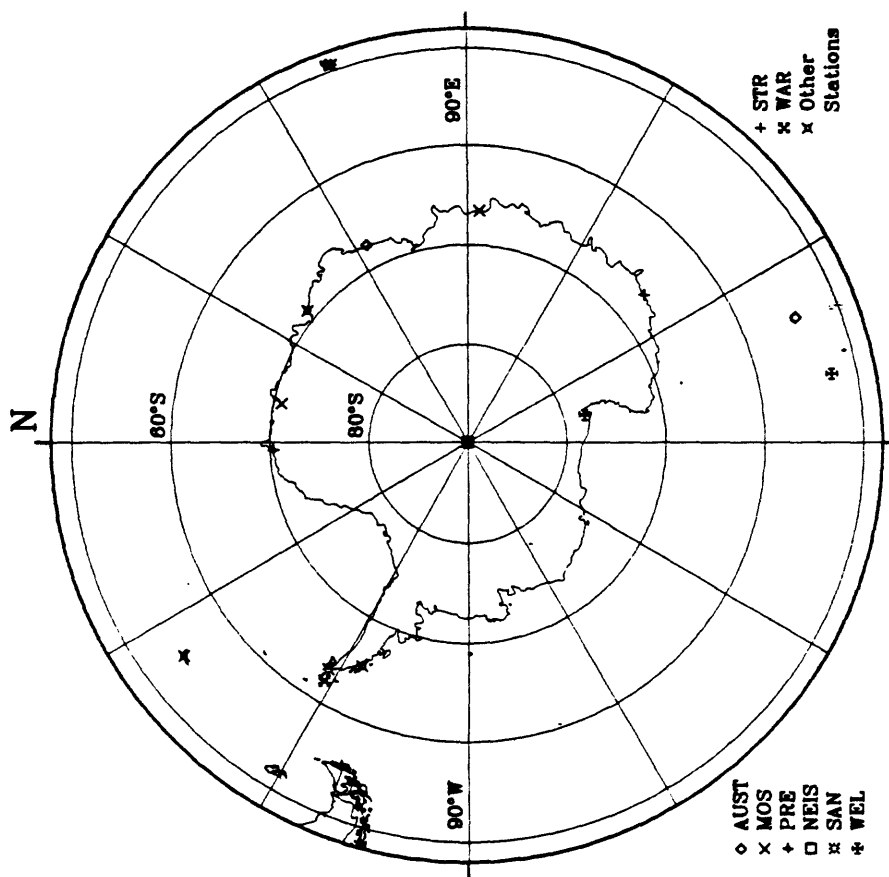
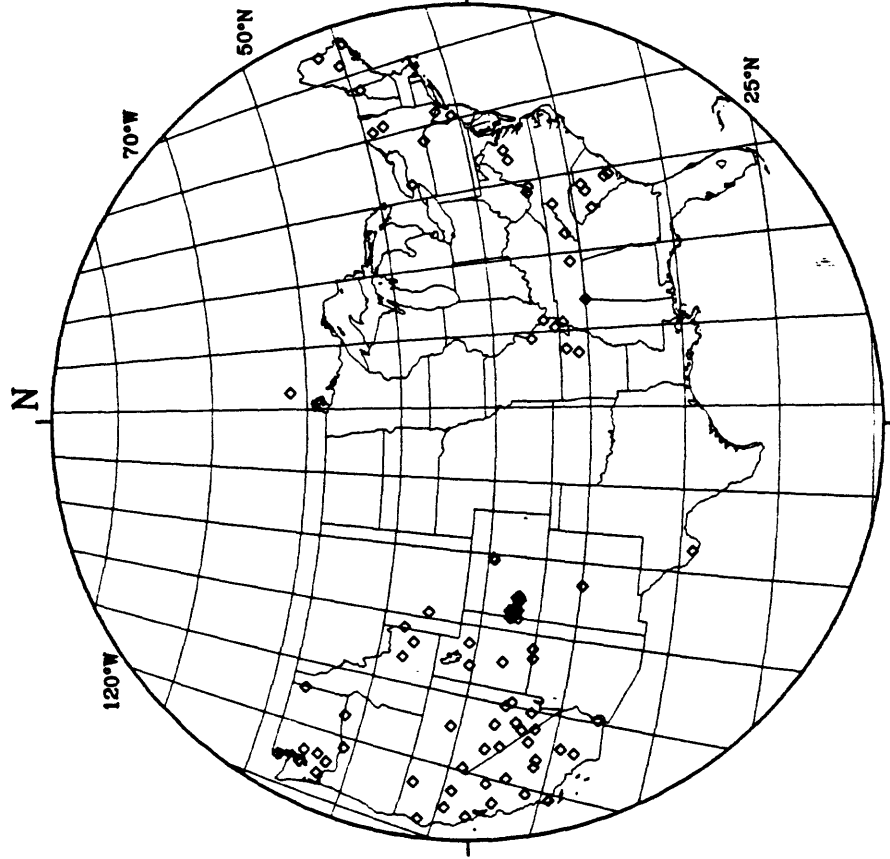


Figure 29

USTN STATIONS IN THE  
CONTIGUOUS UNITED STATES  
AS OF NOVEMBER, 1985



STATIONS OF THE USGS/NEIC  
U.S. TELEMETERED NETWORK (USTN)  
AS OF NOVEMBER, 1985

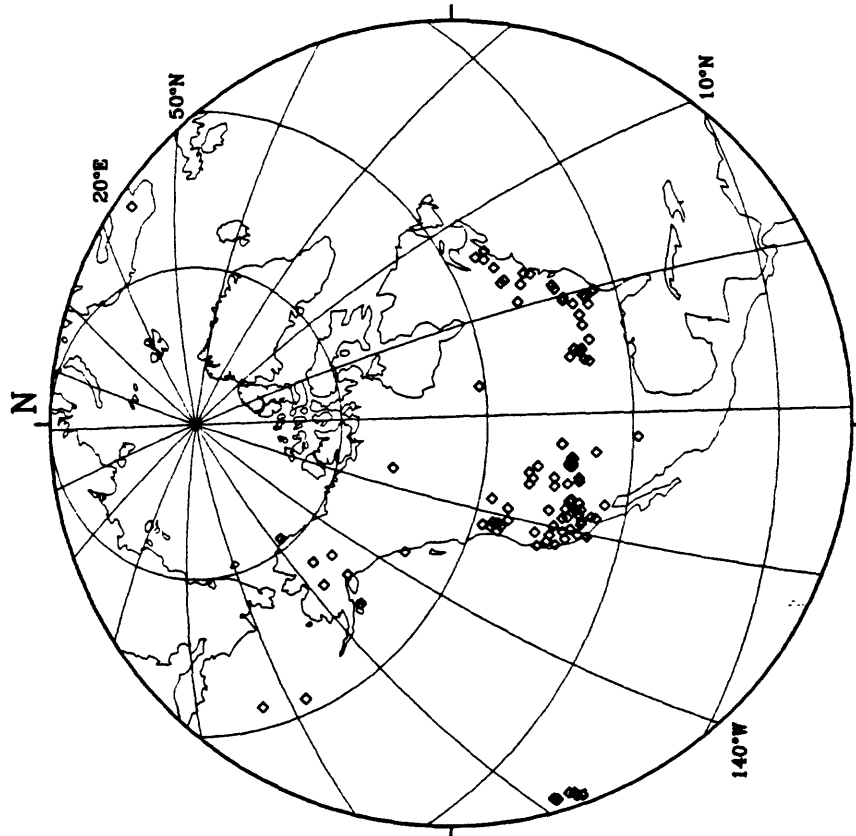


Figure 30

Figure 31

# GLOBAL DIGITAL SEISMOGRAPH NETWORK (GDSN) AND CONTRIBUTING STATIONS NETWORK CODES: DWSS, SRO AND ASRO

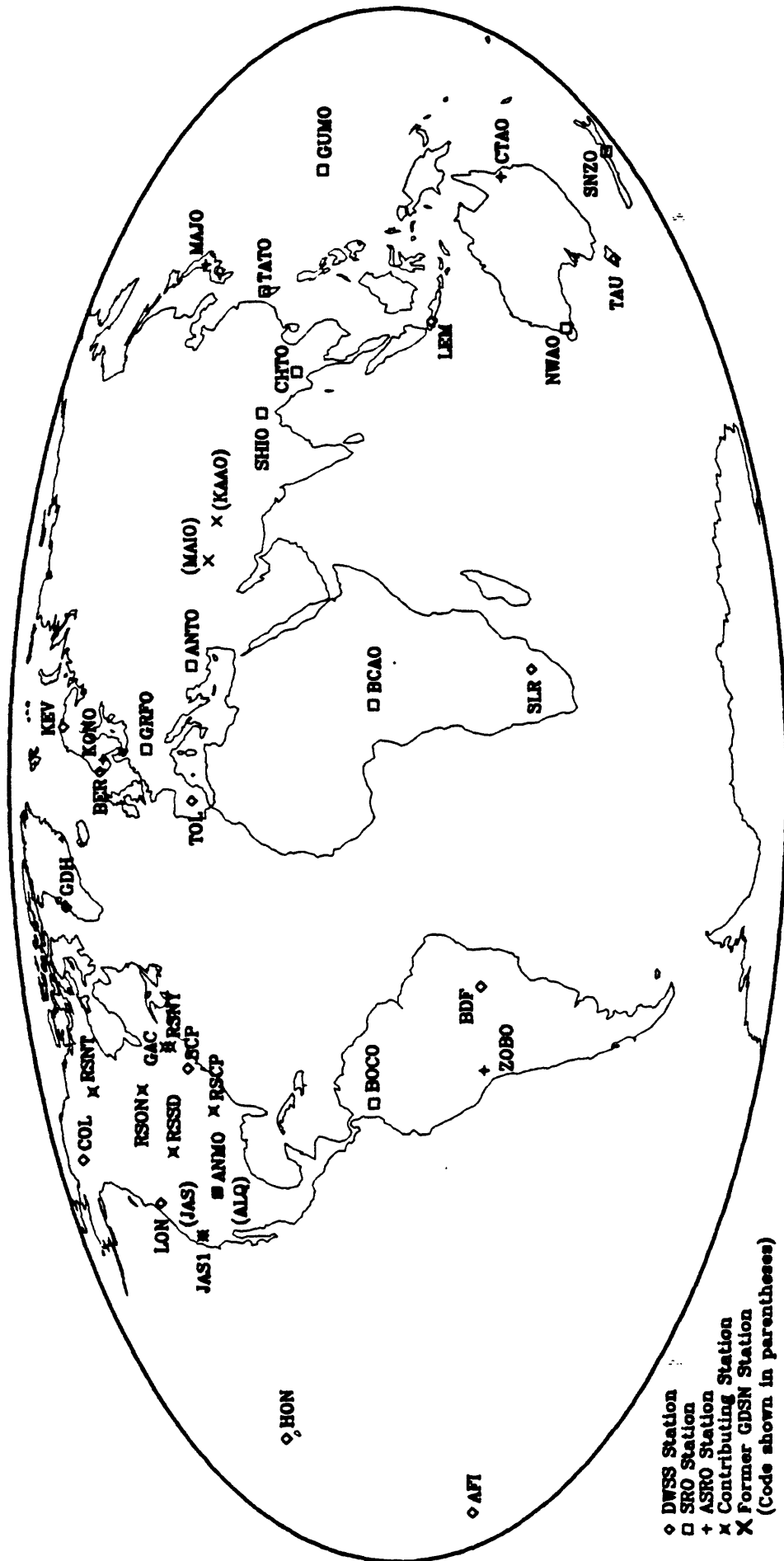




Figure 32

# WORLDWIDE STANDARD SEISMOGRAPH NETWORK (WWSSN)

NETWORK CODE: WWSS

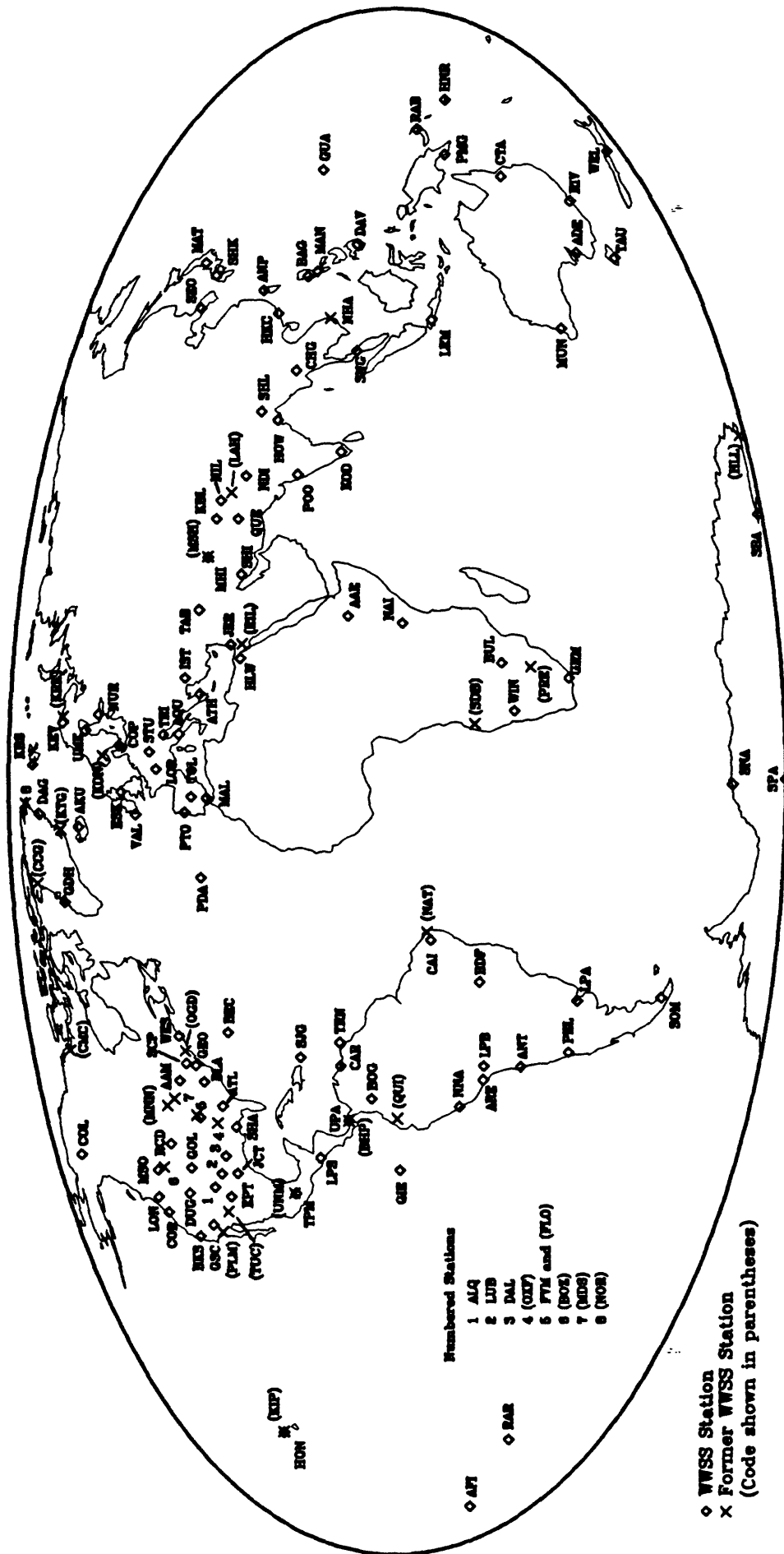
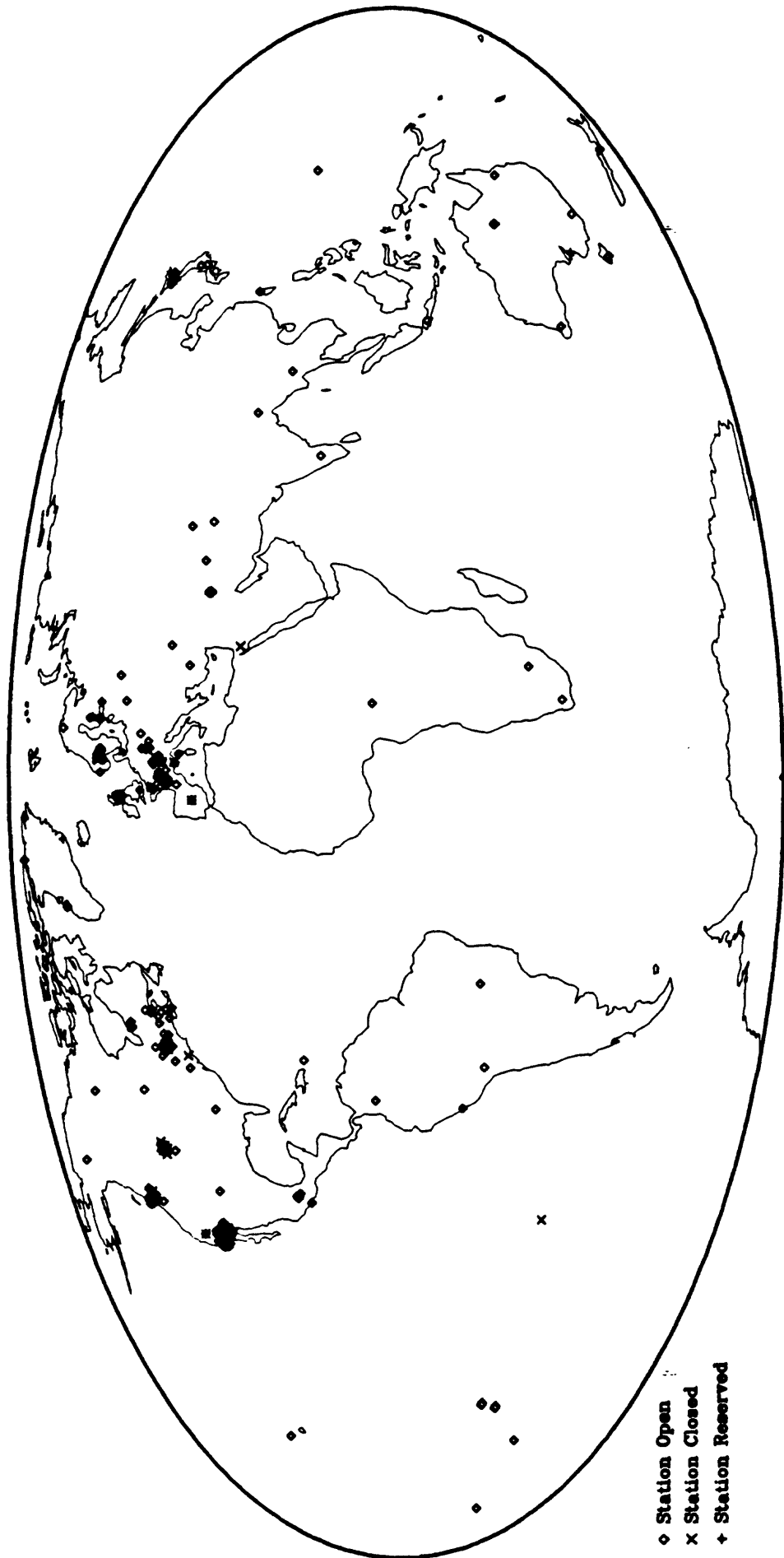


Figure 33

STATIONS KNOWN TO HAVE DIGITAL RECORDING



STATION:

ABBREVIATION:

DATE OPEN:

OPERATED BY:

GEOGRAPHIC COORDINATES:

ADDRESS:

LATITUDE:

LONGITUDE:

ELEVATION:

ADDRESS TO OBTAIN RECORDS:

TELEPHONE NO.

TELEX NO.

GEOLOGICAL FOUNDATION:

GEOLOGIC AGE:

INSTRUMENTATION:

TYPE	SEISMOMETER		GALVO T <sub>g</sub>	TYPE OF RECORDING	MAGNIFICATION
	COMP.	T <sub>o</sub>			

TIMING SYSTEM:

SYSTEM RESPONSE CURVES:

TYPES OF STATION REPORTS DISTRIBUTED BY THE STATION OR THE OPERATING ORGANIZATION:

(CONTINUED ON REVERSE SIDE)

**SHORT HISTORY OF STATION:**

**REMARKS:**

**SEND INFORMATION TO:**

**U. S. GEOLOGICAL SURVEY, STOP 967  
NATL. EARTHQUAKE INFO. SERVICE  
BOX 25046, DENVER FEDERAL CENTER  
DENVER COLORADO 80225 U. S. A.**

STATION:

ABBREVIATION:

DATE OPEN:

OPERATED BY:

GEOGRAPHIC COORDINATES:

ADDRESS:

LATITUDE:

LONGITUDE:

ELEVATION:

ADDRESS TO OBTAIN RECORDS:

TELEPHONE NO.

TELEX NO.

GEOLOGICAL FOUNDATION:

GEOLOGIC AGE:

INSTRUMENTATION:

TYPE	SEISMOMETER		GALVO T <sub>g</sub>	TYPE OF RECORDING	MAGNIFICATION
	COMP.	T <sub>o</sub>			

TIMING SYSTEM:

SYSTEM RESPONSE CURVES:

TYPES OF STATION REPORTS DISTRIBUTED BY THE STATION OR THE OPERATING ORGANIZATION:

(CONTINUED ON REVERSE SIDE)

**SHORT HISTORY OF STATION:**

**REMARKS:**

**SEND INFORMATION TO:**

**U. S. GEOLOGICAL SURVEY, STOP 967  
NATL. EARTHQUAKE INFO. SERVICE  
BOX 25046, DENVER FEDERAL CENTER  
DENVER COLORADO 80225 U. S. A.**

STATION:

ABBREVIATION:

DATE OPEN:

OPERATED BY:

GEOGRAPHIC COORDINATES:

ADDRESS:

LATITUDE:

LONGITUDE:

ELEVATION:

ADDRESS TO OBTAIN RECORDS:

TELEPHONE NO.

TELEX NO.

GEOLOGICAL FOUNDATION:

GEOLOGIC AGE:

INSTRUMENTATION:

TYPE	SEISMOMETER		GALVO T <sub>g</sub>	TYPE OF RECORDING	MAGNIFICATION
	COMP.	T <sub>o</sub>			

TIMING SYSTEM:

SYSTEM RESPONSE CURVES:

TYPES OF STATION REPORTS DISTRIBUTED BY THE STATION OR THE OPERATING ORGANIZATION:

(CONTINUED ON REVERSE SIDE)

**SHORT HISTORY OF STATION:**

**REMARKS:**

**SEND INFORMATION TO:**

**U. S. GEOLOGICAL SURVEY, STOP 967  
NATL. EARTHQUAKE INFO. SERVICE  
BOX 25046, DENVER FEDERAL CENTER  
DENVER COLORADO 80225 U. S. A.**