Format Description of IGRA 2 Station, Country, and U.S. State Code Lists
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I. FORMAT OF "igra2-station-list.txt"

Variable   Columns   Type

ID   1-11   Character
LATITUDE   13-20   Real
LONGITUDE   22-30   Real
ELEVATION   32-37   Real
STATE   39-40   Character
NAME   42-71   Character
FSTYEAR   73-76   Integer
LSTYEAR   78-81   Integer
NOBS   83-88   Integer

These variables have the following definitions:

ID   is the station identification code. Note that the first two
         characters denote the FIPS country code, the third character
         is a network code that identifies the station numbering system
         used, and the remaining eight characters contain the actual
         station ID.

         See "igra2-country-list.txt" for a complete list of country codes.

         The network code has the following five values:

         I = ICAO callsign (last four characters of the IGRA 2 ID)
         M = WMO identification number (last five characters of the
            IGRA 2 ID)
         V = Volunteer Observing Ship callsign (last four
            to six characters of the IGRA 2 ID)
         W = Weather Bureau, Army, Navy (WBAN) identification number
            (last five characters of the IGRA 2 ID)
         X = Specially constructed station identifier ("UA" followed by
            an additional six alphanumeric characters)

LATITUDE   is the latitude of the station (in decimal degrees,
         mobile = -98.8888).

LONGITUDE is the longitude of the station (in decimal degrees,
         mobile = -998.8888).

ELEVATION is the elevation of the station (in meters, missing = -999.9,
         mobile = -998.8).

STATE   is the U.S. postal code for the state (for stations in the United
           States, Puerto Rico, and Virgin Islands only).

NAME   is the name of the station.

FSTYEAR   is the first year of record in the sounding data.

LSTYEAR   is the last year of record in the sounding data.

NOBS   is the number of soundings in the sounding data record.

NOTE: Derived parameters and monthly means are available for a subset of the
stations listed and may not be available for the full period of record of any
one station.

II. FORMAT OF "igra2-country-list.txt"

Variable   Columns   Type

CODE   1- 2   Character
NAME   4-43   Character

These variables have the following definitions:

CODE   is the FIPS country code of the country where the station is
           located (from FIPS Publication 10-4 at
             www.cia.gov/cia/publications/factbook/appendix/appendix-d.html).

NAME   is the name of the country.

III. FORMAT OF "igra2-us-states.txt"

Variable   Columns   Type

CODE   1- 2   Character
NAME   4-50   Character

These variables have the following definitions:

CODE   is the POSTAL code of the U.S. state where the station is
           located.

NAME   is the name of the state (or territory).

NAME   is the name of the state (or territory).