File: C:\utad \cupre \utad \cupre 20 - Trabajo fin de Experto\datos meteorologicos comienzo proyecto\readme.txt \u01/07/2017, 17:01:35

GHCN-D is a dataset that contains daily observations over global land areas.

Like its monthly counterpart, GHCN-Daily is a composite of climate records from

numerous sources that were merged together and subjected to a common suite of quality

assurance reviews. The archive includes the following meteorological elements:

- \* Daily maximum temperature
- \* Daily minimum temperature
- \* Temperature at the time of observation
- \* Precipitation (i.e., rain, melted snow)
- \* Snowfall
- \* Snow depth
- \* Other elements where available

The format of the GHCN Daily data is different than NCDC's DSI 3200 dataset and may

necessitate some changes for users accustomed to receiveing monthly updates of

DSI 3200. The format documentation of the GHCN Daily period of record station

files and list of country codes can be found in the GHCN Daily "readme.txt" file

located on the ftp server

(http://www1.ncdc.noaa.gov/pub/data/ghcn/daily/readme.txt or ftp://ftp.ncdc.noaa.gov/pub/data/ghcn/daily/readme.txt).

This by\_year directory contains an alternate form of the GHCN Daily dataset. In this

directory, the period of record station files are parsed into yearly files that contain all available GHCN Daily station data for that year

plus a time of observation field (where available--primarily for U.S. Cooperative

Observers). The obsertation times for U.S. Cooperative Observer data come from the station histories archived in NCDC's Multinetwork Metadata System (MMS).

The by\_year files are updated daily to be in sync with updates to the GHCN Daily dataset.

The yearly files are formatted so that every observation

(i.e., station/year/month/day/element/observation time) is represented by a single row

with the following fields:

station identifier (GHCN Daily Identification Number) date (yyyymmdd; where yyyy=year; mm=month; and, dd=day)

File: C:\utad \c\u-tad\20-Tema 20 - Trabajo fin de Experto\datos meteorolc gicos comienzo proyecto\readme.txt 01/07/2017, 17:01:35

observation type (see

ftp://ftp.ncdc.noaa.gov/pub/data/ghcn/daily/readme.txt for definitions)
observation value (see

ftp://ftp.ncdc.noaa.gov/pub/data/ghcn/daily/readme.txt for units)
observation time (if available, as hhmm where hh=hour and mm=minutes in
local time)

The fields are comma delimited.

Further documentation details are provided in the text file ghcn-daily\_format.rtf in this ftp://ftp.ncdc.noaa.gov/pub/data/ghcn/daily/by\_year/\_directory.

Users may find data files located on our ftp server at ftp://ftp.ncdc.noaa.gov/pub/data/ghcn/daily/all/.

There is no observation time contained in period of record station files.

GHCN Daily data are currently available to ALL users at no charge. All users will continue to have access to directories for ftp/ghcn/ and ftp3/3200 & 3210/ data at no charge.

For detailed information on this dataset visit the GHCN Daily web page at http://www.ncdc.noaa.gov/oa/climate/ghcn-daily/

Please email questions/concerns to nndc.weborder@noaa.gov