IV. FORMAT OF "ghcnd-stations.txt"

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Variable Columns Type

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ID 1-11 Character

LATITUDE 13-20 Real

LONGITUDE 22-30 Real

ELEVATION 32-37 Real

STATE 39-40 Character

NAME 42-71 Character

GSN FLAG 73-75 Character

HCN/CRN FLAG 77-79 Character

WMO ID 81-85 Character

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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 "ghcnd-countries.txt" for a complete list of country codes.

See "ghcnd-states.txt" for a list of state/province/territory codes.

The network code has the following five values:

0 = unspecified (station identified by up to eight

alphanumeric characters)

1 = Community Collaborative Rain, Hail,and Snow (CoCoRaHS)

based identification number. To ensure consistency with

with GHCN Daily, all numbers in the original CoCoRaHS IDs

have been left-filled to make them all four digits long.

In addition, the characters "-" and "\_" have been removed

to ensure that the IDs do not exceed 11 characters when

preceded by "US1". For example, the CoCoRaHS ID

"AZ-MR-156" becomes "US1AZMR0156" in GHCN-Daily

C = U.S. Cooperative Network identification number (last six

characters of the GHCN-Daily ID)

E = Identification number used in the ECA&D non-blended

dataset

M = World Meteorological Organization ID (last five

characters of the GHCN-Daily ID)

N = Identification number used in data supplied by a

National Meteorological or Hydrological Center

R = U.S. Interagency Remote Automatic Weather Station (RAWS)

identifier

S = U.S. Natural Resources Conservation Service SNOwpack

TELemtry (SNOTEL) station identifier

W = WBAN identification number (last five characters of the

GHCN-Daily ID)