

Fix_ghcn utility program instructions

Fix_ghcn is a utility program to insert a WBAN number into GHCN data files that currently do not contain a WBAN number.

Instructions

1. Ideally, fix_ghcn.exe should be in the same folder or directory as the GHCN data files.
2. Run fix_ghcn.exe from the command line in a DOS command window or Linux window or double click the executable if working on a Windows system.
3. Enter the name of the original GHCN data file. If the fix_ghcn executable is in the same folder or directory as the file, the filename can be entered, otherwise include the full pathname or relative pathname of the input file.
4. Enter the name of the output file that will contain the modified data lines. The user can enter a filename or, alternatively, hit <enter> and the output file will use the input filename with an extension of “.new” at the end. In the latter case, the output file will be in the same location as the input file. This will be the file that is input to AERMET.
5. Enter the WBAN number, up to 5 digits. The user can enter a number or hit <enter> to use a default of 99999. Entering a WBAN greater than 99999 or a WBAN containing letters will result in an error.

The program will list the input file, output file, and WBAN number and then process the files. If there is an issue with a line in the data file, the program will issue the message “Error reading input file line #” along with the line number.

Once completed, if there are no errors during processing, the program will display “Processing done with no errors” and if there are errors, the program will display “Processing done but with errors.”