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Subject: netCDF Browser Update

Posted by [David Fanning](#) on Mon, 24 Aug 2009 21:44:13 GMT

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Folks,

The NCDF\_Browser application allows the user to browse netCDF and certain HDF data files for variables, attributes, and so on. Variables can be saved to the main IDL level. This update applies to variables that are saved (or read from the file) without their attributes. Such a variable is now checked for SCALE\_FACTOR and ADD\_OFFSET attributes. If found, the variable is now multiplied by the scale factor and has the offset added to it before the variable is returned or saved.

The updated file can be found here:

[http://www.dfanning.com/programs/ncdf\\_data\\_\\_define.pro](http://www.dfanning.com/programs/ncdf_data__define.pro)

Note that nothing is changed if you download the variable \*with\* its attributes. The "data" in such a variable structure is still the raw data and you would be expected to apply the scale factor and offset yourself.

This change will make it more convenient to work with individual netCDF variables from within the NCDF\_Browser.

Cheers,

David

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David Fanning, Ph.D.

Coyote's Guide to IDL Programming ([www.dfanning.com](http://www.dfanning.com))

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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