Subject: Re: IDL to write GrADS netCDF (SDF)
Posted by David Fanning on Fri, 16 Sep 2011 14:01:28 GMT

Rich Bantges writes:

> Thanks again for your offer of help. Appended below is the IDL code
> I've written that essentially restores and IDL save file and then
> attempts to write them in a GrADS compatible netCDF file - this works
> ok, but if I try and make "vid = NCDF_VARDEF(id, 'MEAN_AOD', [zid,
> xid, yid], /FLOAT)" GrADS with the sdfopen command won't read the
> variables (obviously making the mean_aod a 3D array).

The COARDS standards can provide endless hours of
fun as you argue with your colleagues about what
they actually *mean*, but they do have to be followed,
apparently.

One of the standards has to do with the Order of Dimensions,
which apparently is Time, Latitude, Longitude. I can't test
this, because I don't have the data, but it seems to me
your variable dimensions are [lon,lat]. You might check
to see if that is causing a problem.

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")