
Subject: Help with EOS_GD_INTERPOLATE

Posted by [rodneyhoffman](#) on Mon, 18 Aug 2003 22:06:04 GMT

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I'm having trouble understanding EOS_GD_INTERPOLATE. The terse Help isn't sufficient, and no demo procedures use it. Does anyone have more verbose help, or complete code examples?

I'm dealing with large (30 and 180 MB) HDFEOS_V4.2 files, gridded data, GCTP_GEO projection. I'm not so much interested in viewing the data, or even in reading specific values for various data fields (which I can do). Rather, I need to calculate a value for a given data field for a specified latitude, longitude, and date/time, using interpolation.

EOS_GD_INTERPOLATE sounds perfect, but:

- I don't know exactly how to use the ninterp parameter (When I use 1, I get some possibly-correct values, but when I try 2, I get an error.)
- When I do get results, I get an enormous array, with a handful of possibly-correct values at the beginning, and endless zeros after that. Why is it so large?

etc.

Any help or pointers to help would be greatly appreciated!

Thanks,

-- Rodney
