
Subject: Re: GRIB data question

Posted by [David Fanning](#) on Thu, 10 Nov 2011 19:25:23 GMT

[View Forum Message](#) <> [Reply to Message](#)

David Fanning writes:

> Yeah, OK, I agree with this. But, how do you do it? How
> do you know what coordinate system the GRIB file creator
> had in mind when he or she created the file? How do you
> know what variables you have to change to get them into
> your right-handed coordinate system?

Incidentally, I think everyone agrees on a right-hand coordinate system (maybe some of the planetary guys do it differently on Mars or something). That's really not the issue.

The issue is how do you start counting columns and rows. The map projection people use a right-handed coordinate system. It's just that they start counting from the upper-left corner. Positive columns go to the right, and positive rows go down (toward the origin of their right-handed coordinate system, if you like).

My question is this: Is there a convention for how and where one starts to count columns and rows for a GRIB 2D array?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

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