Subject: Re: plot GRIB2 data as an image
Posted by K. Bowman on Fri, 19 May 2006 14:17:52 GMT
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In article <1148030998.881913.176720@g10g2000cwb.googlegroups.com>,
 "JaneHurley" <jane.hurley@exeter.ox.ac.uk> wrote:

> I'm trying to load in some GRIB2 formatted data in the hopes of
> producing an image of cloud top heights. I've decoded the data into a
> .c format file, using grib_api-0.7.2 as instructed by the folks at
> ECMWF, but can't seem to do anything with it! Basically, all I want to
> do with the data is to take the GRIB2 file that I have, decode it, and
> then use IDL to plot a global map of the data.
>
> Would love some insight! Does anyone have something that will do this
> or any insight that could help?
>
> Thanks in advance!
> Jane Hurley

I use the wgrib utility from the Climate Prediction Center to convert GRIB files
to plain binary.

   http://www.cpc.ncep.noaa.gov/products/wesley/wgrib.html

Then read the binary file into IDL.

wgrib let's you parse the GRIB file and extract only the parts that you need.
It will also produce a readable inventory of the GRIB file.

Ken Bowman