Subject: New IDL-based visualization and analysis tool
Posted by Mark Hadfield on Mon, 07 Aug 2000 07:00:00 GMT
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Hello all

The following was distributed to the netCDF mailing list. Since it may be of general interest to IDL users, and I haven't seen it on comp.lang.idl-pvwave yet, I am posting it here.

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----- Original Message -----
From: "Unidata Support" <support@unidata.ucar.edu>
To: <netcdfgroup@unidata.ucar.edu>
Sent: Saturday, August 05, 2000 8:02 AM
Subject: New IDL-based visualization and analysis tool for atmospheric

> Dear netCDF and IDL users:
>
> HIPHOP is a widget based IDL application that largely facilitates the
> visualization and analysis of 2D, 3D, and 4D atmospheric science data,
> in particular
> atmospheric tracer distributions and meteorological fields.
>
> Graphical output of (atmospheric model) data can be quickly generated in
> a large number of different ways, including horizontal maps at selected
> model or pressure levels, vertical north-south,
> east-west, or slant cross-sections (including zonal averages), time
> slices, animations, etc. It also allows mathematical operations on the
> existing fields to generate new fields for furher analysis,
> and it can be run as a batch application.
>
> The program handles data in netCDF, HDF and GRIB format. Interfaces to
> other data formats (e.g. ASCII and binary data) can be added easily.
>
> Beginning with Version 4.0, it also supports the ability to overlay
> meteorological fields on a number of different satellite images, and to
> draw air parcel trajectories.
>
> Please have a look at the extensive HIPHOP WWW pages starting at
>
> http://www.knmi.nl/onderzk/atmosam/hiphop/hiphop.html

>
> Good luck with the installation and please report any problems.
>
> Cheers,
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