
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 further 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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