

Include here the PANOPLY application

## INTRODUCTION

Panoply is a Java application which enables the user to make plots of two-dimensional geo-gridded data from netCDF and HDF datasets, either global longitude-latitude plots, pole-to-pole latitude-vertical plots, or time-latitude "keogram" plots. 2D arrays may be "sliced" from larger multidimensional arrays (aka, variables). A large selection of global map projections is available for lon-lat figures. Plot images may be saved to disk in PDF, PNG, PS or GIF format.

Panoply requires that Java 6 be installed on your computer. See the [Java.com](http://java.com) website for a free download of Java if you do not have it already installed.

## DOWNLOADING

The current version of Panoply, along with other information about the application, may always be found at

<http://www.giss.nasa.gov/tools/panoply/>

## INSTALLING AND RUNNING THE PANOPLY FOR WINDOWS PACKAGE

The Panoply package for Windows comes as a zipped archive. You must manually extract this archive. Some versions of Windows allow you to run programs from a zipped archive without extraction. If you try this with Panoply, it won't work.

The complete Panoply package for Windows should, after uncompression, include the following items:

- Panoply.exe application.
- Application code files in a folder called "jars".
- Colorbars (color tables) in a folder called "colorbars".
- Continent masks and outlines in a folder called "overlays".
- This README file.

To run Panoply, double-click on the Panoply.exe application.

## JAR FILES

The folder called jars must remain in the same directory as the Panoply.exe application, and all the "jar" files it holds must remain in the jars folder. These file contain the Panoply application code and (re)moving any of them will break Panoply.

## COLORBAR AND CONTINENTS FILES

On launch, Panoply looks for the colorbars and overlays directories in the same directory as the Panoply.exe application uses their contents to populate its plotting option menus. If you have other colorbars and overlays you frequently use, place them in the appropriate directory and Panoply will automatically add them too.

## HELP AND OTHER DOCUMENTATION

More details about Panoply are available at:

<http://www.giss.nasa.gov/tools/panoply/>

There are additional installation notes at

[http://www.giss.nasa.gov/tools/panoply/download\\_win.html](http://www.giss.nasa.gov/tools/panoply/download_win.html)

which provide solutions for a few basic installation problems.

## CONTACT

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## ACKNOWLEDGMENTS

Panoply uses Java classes and libraries written by several third-party organizations. A complete list, with hyperlinks to pertinent websites containing license information and source code, may be found in Panoply's help windows or on the Panoply website.