

THEMIS/ARTEMIS Software Users,

The THEMIS/ARTEMIS Project announces the release of Version 7.00 of the THEMIS Science Data Analysis Software (TDAS). Version 7.00 contains Enhancements to the THEMIS Command Line and Graphical Users Interface (GUI) Software as well as to the THEMIS/ARTEMIS Data Products and Web Site.

To review the New Features and Enhancements for the following categories click on the following link:
[ftp://apollo.ssl.berkeley.edu/pub/THEMIS/3 Ground Systems/3.2 Science Operations/Science Operations Documents/Science Software Data Analysis Releases/v7.00](ftp://apollo.ssl.berkeley.edu/pub/THEMIS/3_Ground_Systems/3.2_Science_Operations/Science_Operations_Documents/Science_Software_Data_Analysis_Releases/v7.00)

- THEMIS Science Data Analysis Software - Command Line Software
- THEMIS Science Data Analysis Software - GUI Software
- THEMIS Data Products and Web Site

THEMIS Documentation

All of the THEMIS Documentation has been updated to reflect TDAS v7.00 release. In addition the THEMIS User's Guide has been separated into two volumes (Science Data Analysis Software TDAS and Software Web Interface). The other documents updated are: "THEMIS Software Users Quick Reference Guide v7.00" and the "TDAS Developers Guidelines v02". It is suggested to download new versions of the documentation from the THEMIS Software web page when you download TDAS v7.00 software.

THEMIS/ARTEMIS Interface to ERG, IUGONET and RBSP-EFW Projects

THEMIS would like to acknowledge the close working relationship between the THEMIS/ARTEMIS and ERG, IUGONET, and RBSP-EFW Projects. The ERG Plug-in tool includes IDL libraries to load induction magnetometer CDF files provided by STEL, Nagoya University, and common time fitacf data of Japanese SuperDARN radars (HOK, KSR, SYE, SYS) for all intervals provided by STEL, Nagoya University, NIPR (National Institute of Polar Research, Japan) and NICT (National Institute of Communications and Technology). More radar data will be available in future as they are prepared. ERG-SC would like to acknowledge the close working relationship between the ERG-project and the SuperDARN project. To contact ERG-Science Center: erg-sc-help@st4a.stelab.nagoya-u.ac.jp

Special Note Concerning IDL v8.0 and above

Currently the THEMIS Science Data Analysis Software requires IDL versions 6.3 through 7.1. IDL versions 8.0 and 8.1 cannot be used to run TDAS. We are in the process of testing the beta release of IDL 8.2, and are working with Exelis to resolve the incompatibilities between TDAS and IDL version 8.0 and above.

Special Note Concerning MacOS support

The THEMIS Science Data Analysis software has been thoroughly tested on MacOS "Leopard". TDAS *may* work under the "Tiger" and "Snow Leopard" versions of MacOS, but has not been tested on those platforms, and is therefore not recommended as a platform for TDAS. MacOS version "Lion" is known to have problems running current versions of IDL, and is therefore not recommended as a platform for TDAS.

Reporting Issues

The THEMIS/ARTEMIS Science Support Team would like to thank all of those of you who have reported issues in the software. We encourage everyone to use the THEMIS Science Help Request form (http://themis.ssl.berkeley.edu/thm_sci_help_request_form.shtml#top) to report problems, questions or comments.

To Download the Software

You can download the Software via the THEMIS Web Site (<http://themis.ssl.berkeley.edu>) by using the Software drop down menu and selecting download under 'To begin'. It is recommended to download and read the Quick Reference Guide by clicking on doc or pdf also under 'To begin'. To use the GUI type *thm_gui* on the IDL command line.

If you need Support

If you need support with the download, installation or setting the path in IDL please click on the bottom of the Software Web Page (<http://themis.ssl.berkeley.edu/software.shtml>) on [Science Software Support Team](#) and a Help Request Form will be displayed. Fill the form out and hit submit; a confirmation email will be sent to you, and help will be provided.

THEMIS/ARTEMIS Science Support Team