



Dear SuperMAG Friend

Latest news from the SuperMAG service:

- 1) Solar wind data included.
- 2) April 2010: A record setting month
- 3) Download capability expanded.
- 4) Data holdings expanded.
- 5) High school teachers Polly Martin and Matt Friel are summer interns at SuperMAG.

As always we are open to any feedback. Recently, we changed the line colors after feedback from users.

Best wishes,
Jesper

Solar wind data included.

We now include solar wind data from the ACE spacecraft. The solar wind data are now included in line-plots, data downloads and polar plots. Courtesy of Dr. James Weygand the data has been propagated to the front of the magnetosphere using the pseudo-minimum variance technique developed by Dr. Weimer and co-workers. Regarding ACE Solar Wind Data we gratefully acknowledge the ACE/MFI team and the ACE/SWEPAM team.

April 2010: A record setting month.

SuperMAG keeps track of all web activity to provide feedback for the collaborators. In April users viewed a record setting 115,000 plots.

Download capability expanded.

The data download functions have been further expanded. With the new features you get-what-you-see. After producing a line plot with any settings the data downloaded will be the data the line plot showed.

Data holdings expanded.

9 years of British Antarctic Survey data has been included. Also, the first McMac data has been included.

High school teachers Polly Martin and Matt Friel are summer interns at SuperMAG.

Supported by NSF Polly Martin and Matt Friel worked at APL for 6 weeks gaining research experience their students will benefit from. In addition to their work on the SuperMAG system they also did a study entitled “Conjugacy and non-conjugacy of the auroral electrojet system” which was presented at an APL seminar.