



Dear SuperMAG Friend

News from the SuperMAG service:

- 1) Request for feedback.
- 2) Data holdings update.
- 3) Solar wind data update.
- 4) 2014 usage statistics.
- 5) Recent published papers.

As always, comments and suggestions are most welcome.

Best wishes on behalf of the entire SuperMAG team,  
Jesper W Gjerloev and Shin Ohtani

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- 1) Request for feedback.

**Maximize the impact of your work and help the SuperMAG service. We will include your work on the website and in our newsletter which is distributed to more than 900 members of our community.**

Please provide feedback to SuperMAG regarding:

- Student thesis and/or other work;
- Published papers that are not included in our publication list (<http://supermag.jhuapl.edu/publications/>);
- Other related work (e.g. funded proposals).

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- 2) Data holdings update.

2014 mag data have been ingested with the help of Mr. Matt Friel. Additional data expansions will be made shortly.

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- 3) Solar wind data update.

With the help of Dr. James Weygand we have expanded the solar wind data holdings. This expansion includes 2013 and part of 2014.

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- 4) 2014 usage statistics.

- >22,000 downloads;
- 29 published peer reviewed papers;
- >700 registered users.

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5) Recent published papers.

- Pothier, N. M., D. R. Weimer, and W. B. Moore (2015), Quantitative maps of geomagnetic perturbation vectors during substorm onset and recovery, *J. Geophys. Res. Space Physics*, 120, doi:[10.1002/2014JA020602](https://doi.org/10.1002/2014JA020602).
- Shen, C., G. Zeng, X. Li, and Z. J. Rong (2015), Evolution of the storm magnetic field disturbance around Earth's surface and the associated ring current as deduced from multiple ground observatories, *J. Geophys. Res. Space Physics*, 120, 564–580, doi:[10.1002/2014JA020562](https://doi.org/10.1002/2014JA020562).
- Yamazaki, Y., M. J. Kosch, and E. K. Sutton (2015), North-south asymmetry of the high-latitude thermospheric density: IMF BY effect, *Geophys. Res. Lett.*, 42, 225–232, doi:[10.1002/2014GL062748](https://doi.org/10.1002/2014GL062748).
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