

Interactive comment on “Systematic evaluation of the impacts of GPSRO data on the prediction of typhoons over the Northwestern Pacific in 2008–2010” by Y.-C. Chen et al.

Y.-C. Chen et al.

cwb.xb14@gmail.com

Received and published: 8 May 2015

Anonymous Referee #1 Received and published: 11 April 2015

The paper is well written, the abstract well summarizes the paper and the title is adequate. The authors describe the impact of the GPS radio occultation measurements on the typhoons' forecast and best tracks predictions. An improvement of 12 km on 72h best tracks' forecast is reported as significant in comparison with the possible uncertainties. Despite the small absolute value of the track error reduction, the explanations seem to be convincing and we expect better results once the number of GPSRO in the

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tropics will be higher (i.e. COSMIC-2).

I suggest just a minor improvement in Fig. 9: latitude/longitude and wind speed scale values are not readable; the fig. resolution should be increased.

Author's response:

Thank you very much for your comment. We are also looking forward to a larger improvement with much more GPSRO data of the upcoming COSMIC-2. Figure 9 has been modified as you suggested and is shown below:

Interactive comment on Atmos. Meas. Tech. Discuss., 8, 1301, 2015.

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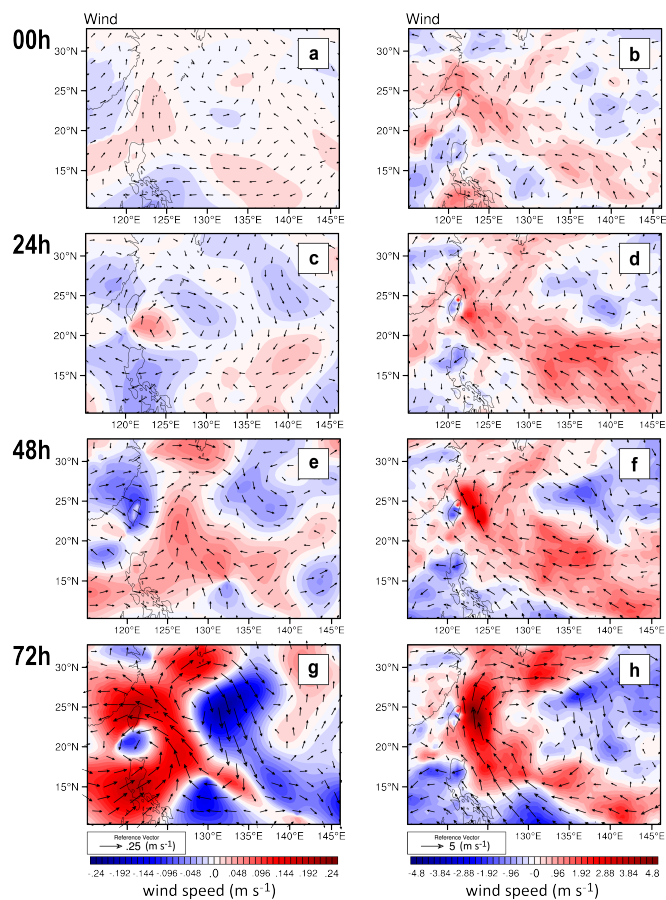


Fig. 1.