

Interactive comment on “EAGLE 2006 – multi-purpose, multi-angle and multi-sensor in-situ, airborne and space borne campaigns over grassland and forest” by Z. Su et al.

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Received and published: 21 May 2009

We thank both referees for their helpful comments to our MS. In the following a point by point response is provided.

Referee #2:

Ad 1. The mentioned list is mainly meant to clarify the meaning of the different acronyms, which we feel is often lacking. Additional information on the satellite sensors, as desired by the referee, is available in the Final Report of the EAGLE2006 Campaign, to which we refer. In addition, for most of the sensors mentioned, there are manifold references and websites available and we do not want to give a preference

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to any specific one of them. Using the acronyms in combination with (parts of) their description in a web-based search engine should provide the desired references without any problem. We did not want to overload the contribution with general information on operational satellites, which we feel does not really fit in an overview paper on a multi-disciplinary field campaign.

Ad 2. A short description on the general weather conditions throughout the campaign is added in section 3 together with the timing of successful satellite acquisitions. To this respect also a table is added providing a short overview of the acquired satellite observations and their characteristics. In addition the existing table with the Sky ERA observations is extended with the other airborne observations, as such providing an overview of the characteristics of all airborne measurements.

Ad 3. The figure has been adapted; the gray lines have been replaced by blue ones and the red line has been replaced by a bold black one, making the figure clearer. Moreover, text is added on the several axes to clarify the content. In addition a note is added in the caption concerning the typical appearance of the data.

Ad 4. This has been corrected.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 6, 1797, 2009.