

Interactive comment on “Analysis of predicted and observed accumulated convective precipitation in the area with frequent split storms” by M. Ćurić and D. Janc

Z. Vukovic

zlatko.vukovic@ec.gc.ca

Received and published: 9 September 2011

General comments

This paper faces the important question of the relationship between predicted and observed accumulated convective precipitation in the area with frequent split storms. The predicted values are simulated by the cloud-resolving mesoscale model with carefully adjusted microphysics. This manuscript addresses relevant scientific questions within the scope of this journal. The powerful tool for prediction of convective precipitation sums is introduced. The obtained good agreement between predictions and observa-

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



tions under complex conditions may be of the great importance for hydrologists for their analysis and predictions. The paper is well written and organized. The presentation is reasoned and understandable. The used methodology is very appropriate. The presented figures and tables are necessary and seem to be in good quality. The results are well documented and reliable. The references are appropriately stated. By taking into account above paper characteristics I support its publication in HEES.

Specific comments

I suggest that this reference would be also added:

Uijlenhoet R., and J.H. Pomeroy, 2001: Raindrop size distributions and radar reflectivity- rain rate relationships for radar hidrology. Hydrol. Earth. Syst. Sci., 5, 615-628.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 8, 7237, 2011.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper