Hydrol. Earth Syst. Sci. Discuss., 8, C4132-C4133, 2011

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8, C4132-C4133, 2011

Interactive Comment

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

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We thank the referee for reviewing and comments on our manuscript. We agree with referee's comments that the cloud-resolving model with improved microphysics and more realistic initial conditions may become an excellent tool for quantitative estimation of accumulated convective precipitation in area with complex orography and frequent split storms. This represents the most complex case because weather radars are often useless in a such scenario. We think that the comments about the link between precipitation and flooding are especially important. This follows from the fact that split storms

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may produce heavy precipitation over one or the other neighbor small catchments. This is essential for flash flood warnings

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

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