

Interactive comment on “Assessing climate change impacts on daily streamflow in California: the utility of daily large-scale climate data” by E. P. Maurer et al.

F Pappenberger (Editor)

florian.pappenberger@ecmwf.int

Received and published: 21 June 2010

I am very grateful to the reviewers for taking the time for reviewing the manuscript and the constructive criticism which will lead to the improvement of the paper.

This paper describes a new downscaling method that uses daily large scale GCM data instead of monthly GCM data. "The paper addresses a relevant scientific question" with interesting results (reviewer 2). "The result is a compact description of a study that provides new results of interest for HESS in the scope of hydrological climate impact studies" (reviewer 1). The manuscript is highly rated by the reviewers and all

C1228

reviewer comments are well addressed by the authors. The paper can be published in HESS subject to minor revisions.

Formal Manuscript Rating and Recommendation to the Editor

1) Scientific Significance

Does the manuscript represent a substantial contribution to scientific progress within the scope of this journal (substantial new concepts, ideas, methods, or data)?

0xExcellent 2xGood 0xFair 0xPoor

2) Scientific Quality

Are the scientific approach and applied methods valid? Are the results discussed in an appropriate and balanced way (consideration of related work, including appropriate references)?

0xExcellent 2xGood 0xFair 0xPoor

3) Presentation Quality

Are the scientific results and conclusions presented in a clear, concise, and well structured way (number and quality of figures/tables, appropriate use of English language)?

0xExcellent 0xGood 2xFair 0xPoor

For final publication, the manuscript should be 2x accepted subject to minor revisions

Florian Pappenberger

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 1209, 2010.