

Interactive comment on “Irrigation enhances precipitation at the mountains downwind” by J. Jódar et al.

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Scientific Significance: Good The paper presents novel data and analysis that adds to the very scarce observational evidence of irrigation induced rainfall enhancements

Scientific Quality: Good The methods used are mostly sound though some methodological issues can be improved or at least be better explained (e.g. criterion for classification of stations - comment 3 below) and some conclusions need better substantiation (e.g. contribution of small vs large evens to observed trends – comment 8 below).

Presentation Quality: Good The paper is concise and to the point, English is mostly good and also figures and table are of good quality. Abstract covers all relevant results

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and conclusions, though it remains qualitative where some quantitative details could also be mentioned. Some relevant details of the analysis are missing (e.g. significance level used in the tests; comments 4/5 below).

see attached supplement for specific and technical comments

Please also note the supplement to this comment:

<http://www.hydrol-earth-syst-sci-discuss.net/7/C1711/2010/hessd-7-C1711-2010-supplement.pdf>

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 3109, 2010.

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