

## ***Interactive comment on “Probable Maximum Precipitation Estimation in a Humid Climate” by Zahra Afzali Gorouh et al.***

**Anonymous Referee #2**

Received and published: 22 March 2018

Title: Probable Maximum Precipitation Estimation in a Humid Climate

Article Type: Research Article General Comments: This paper analyzes the estimation of 24-hour PMP (PMP24) by using the statistical and physical methods in a humid climate of Qareh-Su Basin which is located in the northern part of Iran.

The structure of the paper is good enough and the goal of this paper is well understood. The findings of the analysis are useful for better understanding of the 24-hour probable maximum precipitation in specific catchments. However, there are some deficiencies within the text, which should be addressed by the authors.

Major revision is needed in order the manuscript merits publication in NHES, mainly concerning improvement of the syntax in some parts of the text, clarification of the

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applied procedures and verification of the findings against ground based precipitation.

Specific comments:

All the suggested comments and remarks are within the attached manuscript (pdf) and can be appeared using the “show comment list” in the Adobe Acrobat Professional program.

Please also note the supplement to this comment:

<https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2018-38/nhess-2018-38-RC2-supplement.pdf>

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2018-38>, 2018.

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